

# **THE ANNUAL QUALITY ASSURANCE REPORT (AQAR)**

**(2006-07)**

**SUBMITTED BY THE IQAC**

**Sacred Heart College, Thevara**

## **VISION OF THE COLLEGE**

Our vision is the fashioning of an enlightened society founded on a relentless pursuit of excellence, a secular outlook on life, thirst for moral values and an unflinching faith in God.\_

## **MISSION OF THE COLLEGE**

Our mission is to provide an environment that

- facilitates the holistic development of the individual
- enables our students to play a vital role in the nation-building process and contribute to the progress of humanity
- disseminates knowledge even beyond the academia
- instils in the students a feel for frontier disciplines and a concern for the environment by setting lofty standards in the ever-evolving teacher-learner interface\_\_

## **IQAC QUALITY POLICY**

WE ARE COMMITTED TO PROVIDE VALUE BASED, HOLISTIC EDUCATION IN THE FIELD OF ARTS, SCIENCE AND HUMANITIES WITH EMPHASIS ON INDIVIDUAL EXCELLENCE AND SOCIAL COMMITMENT IN TUNE WITH SOCIETAL NEEDS. WE SHALL FOCUS ON CONTINUAL QUALITY IMPROVEMENT, AND WORK FOR THE SATISFACTION OF STUDENTS, PARENTS, TEACHERS, STAFF AND SOCIETY IN GENERAL.

**ANNUAL QUALITY ASSURANCE REPORT (AQAR)  
SUBMITTED BY THE IQAC (2006-07)**

Name of the Institution: - **SACRED HEART COLLEGE, THEVARA,  
KOCHI-13**  
*(NAAC Accredited Five Star in 2001)*

**Year of Report: 2006-07**

**Introduction**

This is the 62<sup>nd</sup> annual report of this edifice of learning built on the bedrock of the sacred vision of its founders, fed and watered by the toil of former managers, principals and the hundreds of teachers and members of the non teaching staff and parents, and sustained in glory by the collective contribution of the student body that has graced its campus. Our heart fills with gratitude to each of them.

2001 was a landmark year for us. That was when the NAAC conferred on us five star level accreditation. 2003 was a watershed year too. That was when we won the title "College with Potential for Excellence"(CPE) from the UGC. If they were events which inspired and impacted us tremendously, the present academic year will go down in the annals as another memorable year. The CPE team from the UGC that visited us in January expressed their satisfaction over the proper utilization of the CPE fund. Being the year of re-accreditation, it has been a year of introspection, correction and consolidation for us. We are fairly satisfied with the infrastructural strides we have made. The a/c Seminar Hall, the Virtual Learning Centre, the a/c Conference Hall, the renovated and refurbished library with 250 cubicles, the state-of the-art computer cum language lab, the newly set up instrumentation center and to crown it all, the networking of the departments and PG class rooms, have set us on an enviable height of infrastructural excellence. The innovative initiatives by the departments and the increased leveraging of the combined potential of the departments through the synergising efforts of the IQAC have taken us through an academic resurgence. The add-on courses offered by the science departments, the basic Maths Learning Programme offered by Maths department and the PEP initiative of the English Department are instances of the collaborative innovation effected by the college. We feel confident that with these efforts and similar future initiatives we will be able to considerably enhance the employability quotient of our students

which has already been complimented by the numerous recruiting agencies that visited our campus this year.

As in past years we welcomed the freshers with an orientation programme. The parents also were given an orientation on how they can be a moulding influence on their children. All students were later given value enrichment talks in batches. The tutorial sessions every month served as mentoring sessions aimed at reinforcing the value frame of our students. The tutorial sessions are also meant to serve as a forum where students can offer suggestions for the overall improvement of the life on the campus. Legal awareness classes, career guidance sessions and the talks arranged at the college and department levels supplemented the effort towards overall development. The careerisation drive initiated by the college at various levels has produced heartening results as is evidenced by the placement records. The talent clubs have kept the students busy giving them opportunities to hone their literary and artistic talents. The Sargapadham, the Hridya Sarga Sangamam and the various programmes organized by the departments and the various clubs have provided the students with a profusion of opportunities to display their talents.

#### NEW VICE PRINCIPAL AND BURSAR

The appointment of Prof. M.A. Kurian as Vice Principal and Rev. Fr. Jerry CMI as bursar will certainly give impetus to the transformation that is being effected on the campus.

#### **THE COLLEGE COMMUNITY**

With 2197 students from backward, urban, and semi-urban backgrounds on its rolls, and with a sprinkling of non-Malayalee students in most classes, we have a cosmopolitan campus. Six of our Departments are recognized research centres for PhD under the MG University. The College has on its faculty 76 regular and 41 guest lecturers; 22 of the regular faculty are PhDs and 40 have MPhil. Of the 9 teachers, who were till recently at various stages of completing their PhD research, six are back in their respective departments after submitting their theses. We have 50 members on the establishment staff.

**NAME OF THE INSTITUTION: SACRED HEART COLLEGE, THEVARA**

**YEAR OF REPORT : 2006-07**

## **Part A**

### **Plan of action chalked out by the IQAC at the beginning of the year (2006-2007) and the outcome at the end of the year**

- Preparation of the Re-Accreditation Report and AQAR 2006-07
- Documentation process at the college to be completed as early as possible.
- To collect reports from the various departments, staff (teaching and non-teaching) clubs /associations and subunits of the college.
- To see to the completion of the infrastructure development programmes undertaken by the college.
- To review the peer team suggestions (1999-2000) and to facilitate the successful execution of the same
- To arrange rehearsal peer team visit to various departments before the NAAC team visit.
- To device measures for the enhancement and sustenance of the quality of the academic programmes, co curricular / extracurricular activities of the college.
- To inculcate in the minds of the staff and students a feeling of belonging together.
- To inculcate a feeling of national spirit in the campus
- To actively participate in environment protection activities.
- To be of more help and use to the community around by conducting out reach programmes.

### **The Outcome Achieved**

- The Re-accreditation Report was prepared and submitted on time ie. January 07
- Documentation process could be completed successfully.
- The various departments, staff, associations / clubs, and sub - units submitted their reports in time and that enabled the processing of the

re- accreditation report smooth and easy.

- The governing body took active interest in and completed the infrastructure development projects.
- Our students bagged 19 ranks in Mahatma Gandhi university exams.
- 95 students of our college gained placements through campus recruitment in various companies.
- Students and teachers participated in the community/extension services.
- Our faculty members have published 35 research papers in national/international journals and 60 popular articles in magazines and news papers.
- Rev. Fr. Gabriel CMI, the visionary architect of Zoology department, founder curator of the famed zoological museum was honoured the coveted Padmabhushan in 2007.
- College has bagged the 2nd prize in the prestigious Malayala Manorama award for rain water harvesting and the prize was received by the principal Fr. A.J. Saviance from the Hon. Chief Minister of Kerala Sri. V.S. Achuthanandan.
- The Zoology association of Sacred Heart College was selected as the best zoology association of the academic year 2006-07 by the zoological association of Kerala.
- The faculty members have seven ongoing projects funded by different agencies during this academic year.
- The faculty presented research papers in the seminars held abroad.
- We have many of our faculty members in the UG and PG board of studies in various disciplines of Mahatma Gandhi University.

### **Highlights of the year 2006-07**

- Sgt. Aisha Kareem attended All India G.V. Mavulanga Shooting Competition held in Azanzol, West Bengal and won the 10<sup>th</sup> position in the national level competition.
- CSM. Sreejith attended National Integration Camp in Delhi.
- Lcpl. Dhanesh Kumar attended RCTC conducted in Gwalior, M.P.
- Suo. Pappu P.S. was selected for the 12 day Indian Military Academy Attachment Camp in Dehradun.

- Rajesh T. Das attended National Integration Camp held at Kolaghat, West Bengal.
- The Women's Cell of our college organized a stage programme "Threat To Life" and it was sponsored by M.G. University. A Legal awareness camp with the sponsorship of KELSA was conducted in the college in which 450 students participated.
- A slew of programmes and workshops on women – specific issues and empowerment featured in the activities of the Women Cell of our college. An umbrella making session was conducted in the college in which many students participated.
- The Technology Promotion Club along with 150 participants took "Self reliance Oath" on 15-10-2006 and conducted a seminar on "Self Reliance and Prosperity". The main theme was Nanotechnology and Space science and it was sponsored by the Swadeshi Science Movement.
- Monsoon Adventure - Nelliampathy Forest Range, thick woods 80ft high waterfall.
- Trek to Manpara – 34 students 2 teachers, visit to Kalchady, Primitive Tribal colony, coupled with acts of philanthropy.
- Tourism Day 30th November - Quiz and Photo Exhibition on tourism
- The co-operative society of the college - the co-operative society of the college provides quality items required by the staff and students at subsidized rates. The co-operative society has all the staff and students as its members.
- College canteen 'DIET' managed by the staff of the college caters to the college community as well as the locals in the area.



## **Part B**

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

Our departments, clubs and fora have worked in tune to fulfil the institutional goals and objectives this year also. Report of the performance of the departments and other subunits besides their routine teaching, research and extension work are given below.

#### **DEPARTMENT OF ENGLISH**

It was a race against time at the English Department. In addition to the two endowment lectures and the national seminar which have been scheduled in the regular academic calendar of the department, this year the department had a host of other programmes. This year's Rev. Fr. George Koyikara Endowment Lecture on 'Copy Writing' was delivered by Mr. Sudhir Krishnan, a renowned creative media personality. Rev.Dr. Dan Thottakara Endowment Lecture was delivered by Dr. Sajeev Rose. The topic was "Befriending Theory".

A national seminar "English in context: Corporate Communication" sponsored by the UGC was organized by the department on 22nd and 23rd January. Prof. Bruce Miller and Jane Miller were the chief resource persons. The Dr. Dan Memorial National Seminar is scheduled for 28th February and 1st March 2007. In addition to these the department co-ordinated a national short video film festival in June. The department conducted a few 'career build' sessions for the degree students with the participation of invited professionals.

The certificate course PEP offered by the department under its project Eng Power initiative and the training for BEC, met with enthusiastic response. As in former years, the department functioned as the hub of the co-curricular life of the campus. As editorial guild to the college, the department has been associated with all the write-ups brought out by the college. The overall champion trophy for the 'Hrdya Sarga Sangamam' was won by the department.

Highlights of the year

- Five U.G. students got placed as Award Editor in Google India inc.
- Four U.G. students got placed at Infosys

- Three P.G. students got placed at ICFAI
- P.G. classes were networked with free access to the net

## **DEPARTMENT OF ORIENTAL LANGUAGES**

The Department of Oriental Languages had a significant role in the various cultural, literary and social activities of the current academic year. The department took the lead in organizing a multi religious prayer session when the first degree and first PG classes began. The department played a crucial role in the planning and implementation of Sargapadham, the literary pentathlon.

Prof. Mathew Ulakamthara inaugurated the activities of the literary club, which functions under the leadership of Sri. K.G. Narayanan and Sri. Joby Joseph. Among other activities the club also organized a film appreciation programme. In connection with the golden jubilee of 'Kerala Piravi' the department actively participated in the 'Keraleeyam' exhibition and organized a quiz competition on Kerala Culture.

The Hindi Department organized a one day seminar on restructuring of the Hindi Syllabus. More than 40 delegates attended this programme. Around 200 students have taken the Hindi Pre-test conducted by the Hindi Prachar Sabha. These activities are co-ordinated by Dr. K.K. Paulose, the HOD.

Mr. Mathew Jose of the Sanskrit department is the main force behind the college news journal Heartbeats. He does the editing and the D.T.P. work connected with it. Teachers from other departments make use of the facilities offered by the computer section of the department.

## **DEPARTMENT OF ECONOMICS**

The activities of the Economics Association were inaugurated by Prof.P.J.Cyriac, former head of the Department of Economics, on October 19th 2006. The Annual General Body meeting of the Economics Alumni Association was held on October 2nd 2006. The Department organized the Annual Union Budget Analysis as part of the association activities.

Resource persons from Time and IMS took classes for personality development and Group Discussion for Postgraduate and degree students. Prof.W.T.Paul of the Mathematics Department took classes for the final year degree students under the Basic Maths Learning Programme (BMLP). The objective of the programme is to enhance the arithmetic and numerical

abilities of the students and to improve their performance in competitive examinations.

The Economics Alumni association organized a special one-day gathering of the former students on December 9th 2006. Around 150 former students participated in the gathering.

### **Highlights of the Year**

- The activities of the Economics association was inaugurated by Prof.P.J.Cyriac.
- The department launched its Village Adoption Programme" JANAPARVAM" on enhancing the Quality of Life of poor people in Maradu Grama Panchayath on October 21, 2006.
- Alumni of the Department has joined together for an Annual meeting 'Homecoming 2006', on December 9<sup>th</sup> 2006.
- Dr.Sibi Zacharias was appointed as a member of the U.G.Board of Studies in Politics.
- Dr.V.T.Jose was appointed as a member of the P.G.Board of Studies in Economics.
- Prof.Alphons Ligori was promoted as captain of the NCC.
- The Department organized a lecture on Union Budget Analysis in March.

### **DEPARTMENT OF SOCIOLOGY**

The department organized a fresher's day at the beginning of the academic year. The activities of the Sociology Association were inaugurated by Prof. Mercy Williams, the Hon. Mayor of Cochin. The department organized a trip for the final year students. The students prepared a manuscript magazine titled "Cloud 9", under the supervision of the teachers. Miss Mariean Sathar was the student editor. The students exhibit on a regular basis, news items, photographs and paper cuttings on relevant topics on the noticeboard. The department also took the initiative to send students and teachers to the All Kerala Sociological Conference at Trivandrum and a seminar on Kerala Culture conducted by the Jeevus Cultural Centre, Aluva. Prof. R.K. Varghese was elected as secretary of Kerala Sociological Society.

## **DEPARTMENT OF COMMERCE**

By all standards the commerce department was the academic champion at the university level. It produced 100% pass for B.Com and 96% for M.Com. Anupana R., Mary Deepa Joy and Padma Nandan K. secured the first, second and third rank in the M.G. University M.Com degree examination in 2006. Five students from M.Com 2004-06 batch cleared NET and 6 of the B.Com students of 2004-2007 cleared the C.A. intermediate examination. The Department organized three extension lectures. 'Tandav 06' – an intercollegiate cultural extravaganza organized by the commerce association made history by its range and scale.

Its sister department, Department of B.Com computer, operating on the self-financing mode has completed its third year. They have a separate association, which was inaugurated on 27th October. The final year students went on a study tour to Ootty and Marayoor from November 21 to 24 2006.

### **Highlights of the Year**

- Tintu Joseph secured II Rank in M.Com examination, M.G. University
- TANDAV – 2006, Inter collegiate Commerce Fest organized by students
- Ajith Antony of III B.Com participated in Advanced leadership camp by NCC. He also won various prizes in Judo Competition.
- Manu Antony won first prize in Tourism Quiz organized by Directorate of field publicity
- Ferin Ahmad, Aparna Prakash, Boney Mathew, Jain Varghese, Hareesh H. Sharma and Zafar Akbar participated in the fiels\ round of DHOOM '07 at Thiruvananthapuram

## **DEPARTMENT OF MATHEMATICS**

The activities of the Maths Association for the year 2006-07 was inaugurated on 11th October 2006 by Dr. Souriar Sebastian, St. Albert's College Ernakulam. The association arranged a career guidance programme by the famous IT Group NIIT on 20th October 2006. The alumni meeting was held on 15th August 2006. In Nov. 2006, the Department organized a two day

workshop on UG syllabus restructuring in association with the UG Board of studies, M.G. University. About 40 teachers from various colleges attended the programme. On 18th Nov. 2006, the department conducted a cultural fest 'Zero Day' to provide a forum for the budding artists of the Maths Department. On that day we published the magazine "E-xpressions". This was a commendable venture of the Maths students. The students and faculty of the department of Maths sincerely co-operated with the "Quality of Life Enhancement Programme". The Department unveiled the human face of Mathematics through the "Basic Maths Learning Programme" (BMLP). BSc Mathematics secured 97% pass in the university examination.

### **DEPARTMENT OF PHYSICS**

The Department of Physics organized an annual get together- 'FUSION' for the students of BSc and MSc Physics on 26th January 2007 in the college auditorium.

A quiz competition was conducted as part of 'FUSION', which was followed by a number of games in which teachers and students participated enthusiastically. The inaugural function of Physics association was held on 19.10.06. Prof. M. Rajendran (HoD of Physics Dept., Cochin College) inaugurated the function.

The Physics Alumni Association was started in 1996 for providing a common platform where former students and teachers can interact. This year the meeting was held on 26th Jan. 2007. The endowments instituted by the association were distributed to outstanding students of the Department. The present students of the BSc course presented variety entertainments. Finally the prizes were distributed.

### **Highlights of the Year**

- Jose Mathew and Nithyanand Rao of II BSc Physics won first prize in quiz conducted by CUSAT
- Abin Thomas of II BSc Physics won II<sup>nd</sup> prize in Power Quiz conducted by KSEB
- Prof. Rajendran of Cochin College conducted a talk on computers and computing

### **DEPARTMENT OF CHEMISTRY**

The Chemistry Association was inaugurated on 7th October 2006. Dr. George Thomas, a senior scientist of Regional Research Laboratory and recipient of Bhatnagar award gave a talk on nanomaterials. The department gave a warm reception to the Bhatnagar awardee.

The department of Chemistry and the Institute of Management Studies (IMS) at Kaloor jointly organized a career-oriented programme for the degree students.

The unique festival of the department called "Chemifest" was inaugurated by Rev. Fr. Cherian Kuniathodath, Manager, S.H. College. The Programme consisted of cleaning activities and cultural programmes. Chemifest aims at developing a better understanding, interpersonal skills, a sense of the dignity of labour and a service mentality.

The Tenth Prof. P.J. Joseph Memorial Intercollegiate Science Quiz Competition was conducted on 5th December 2006. The first prize was won by our college. The runner up trophy was bagged by St. Alberts College. 15 teams from various colleges participated.

The Chemistry Awareness Programme (CAP) 2006, a laboratory experience was arranged for the benefit of the school students of the neighboring institutions like St.Thomas Girls School, CCPLM, and S.H. Higher Secondary School. The novelty of the programme was that it was demonstrated by the final year degree students of the Chemistry Department. The Programme which was continued on four Saturdays had 400 participants from the schools.

Rank holders - The following students of the department scored the highest marks and rank in the university examinations.

BSc Chemistry	-	Tina Fuad	<b>(II Rank)</b>
BSc Industrial Chemistry	-	Deepa S. (I Rank) Roopa R (II Rank) and Sujith K.S. (III Rank)	
M.Sc. Pure Chemistry	-	Teena P. Varghese	<b>(I Rank)</b>
MSc Applied Chemistry	-	Sangeetha Cynthia Lionel (I Rank) Lucy Rajakumari	<b>(II Rank)</b>

The General body meeting and the Annual day celebration of the "Chem. Alumni "were held on 7<sup>th</sup> October 2006, in the seminar hall. The function was attended by around a hundred of our Alumni.

## **DEPARTMENT OF BOTANY**

On 30<sup>th</sup> June 2006, members of the department met to bid farewell to the retiring teacher Dr. Joseph Jose. Fr. Cherian Kuniathodath, Manager, Fr. A J Saviance, Principal, Dr. V J Dominic, HOD and Mr. Jacob Varghese, staff secretary spoke on the occasion. Special department meetings were convened in the department on 13<sup>th</sup> July, 20<sup>th</sup> July, 30<sup>th</sup> July and 1<sup>st</sup> Aug, to discuss the preparation of NAAC report. The meeting on 30<sup>th</sup> July nominated members to various college committees.

The Department staff meeting on 31<sup>st</sup> August decided to celebrate the Golden Jubilee of the Department from November 2006 to November-2007 and to activate the Botany Assn. programmes.

Botany Department and Kerala Botanical Society jointly organized a one-day seminar on Restructured B Sc Botany syllabus for the Botany teachers of the affiliated colleges of M G University on 12<sup>th</sup> Sept. 2006

The Botany Association activities for the year were formally inaugurated by Dr. B S Corrie, chief conservator of Forests at 2 pm. on 24th September 2006 . All students and staff participated in the programme.

Botany Department is celebrating the golden jubilee this year. Dr. N. D. Enasu, the Hon'ble Pro Vice Chancellor of the Cochin University of Science and Technology, formally inaugurated the programmes on 9<sup>th</sup> November 2006. Prof. T U Joseph, the first Head of the Department and all other retired teachers, a few of the first batch students and a number of former students were present on the occasion. The Department has many programmes in the pipeline for the golden jubilee year, which will be concluded on 9<sup>th</sup> Nov. 2007.

The Flora Fest- the cultural get together of the Botany Department was conducted on 25<sup>th</sup> November 2006. 'The day of Honour Programme' was conducted on 10<sup>th</sup> Feb. 2007, in which the first batch of BSc Students, the former faculty, rank holders in the university examinations (BSc & MSc), PhDs from the Department and alumni who obtained higher positions were honoured.

## **DEPARTMENT OF ZOOLOGY**

The academic year 2006-07 was especially fruitful for the Department of Zoology. Ms. Soumya Soman secured 2<sup>nd</sup> rank in MSc Zoology. Research activities of the department were in the limelight during this year. Mr. Samson Davis Padayatty, Mr. Sunil Jose, Mr. Sudhikumar and Mr. Sunish E, research scholars under Dr. P.A. Sebastian participated and presented papers at the 23<sup>rd</sup>

European cell of Archnology held at Sitges, Spain. Mr. Sudhikumar has been selected to a two-year training programme in molecular taxonomy in Ghent University, Belgium and has joined there. The Faculty members were actively engaged in research and have published a lot of research articles.

The Zoology Association was very active during this academic year. Activities of the association were inaugurated by Mr. Kuruvilla Thomas IAS, Director, MPEDA. Students brought out "Acta Zoologia", a wall magazine and 'Fosillis', a manuscript magazine. The latter secured 2<sup>nd</sup> prize in the intercollegiate competition conducted by the Zoological Society of Kerala. The department secured runner up position in the 'Hridya Sarga Sangamam', the first inter departmental cultural fest held in the college.

### **Highlights of the Year**

- Ms. Soumya Soman bagged 2<sup>nd</sup> rank in MSc. Zoology
- Manuscript magazine 'Fossilis' secured 'Best magazine award' at University level.
- Mr. Samson Davis, Mr. Sudhikumar A.V, Mr. Sunil Jose K and Mr. Suneesh E, research scholar of the department participated and presented research paper in the 23<sup>rd</sup> European colloquium of Arachnology at Sitges, Barcelona, Spain.
- Mr. A.V. Sudhikumar was selected for a study in Ghent University, Belgium.
- Fr. Galviel CMI, founder Head of the Department of Zoology and the brain behind the prestigious Zoology Museum of the college was awarded with 'PADMA BHUSHAN' by the Govt.of India.

### **DEPARTMENT OF PHYSICAL EDUCATION**

Physical Education and Sports are a crucial component of the holistic education of our vision. The college possesses a very proud tradition of sports and it can claim among its alumni, sportsmen of national and international reputation. The College provides ample facilities for athletics, major games, indoor-activities and martial arts. It also has a well-furnished health club with excellent facilities, open to the public as well.

The 61<sup>st</sup> Fr. Bartholomew Memorial Inter-Collegiate Basketball [men/women], Volleyball [men/women] and Ball badminton [men] were conducted this year also. These tournaments have the proud distinction of

having been held for the past 61 years without break. This year teams from 40 colleges participated in the Bartholomew tournament.

Out of the 14 men and 3 women teams that participated in the M.G. University inter-collegiate championships this year, our college emerged as winners in five disciplines, runners up in four and third in three.

26 of our students represented the M.G. University and 11 represented the Kerala state in various games, and two students Sanker Gopan II B.com and Alwin Francis I B.Com (Badminton) got selection to the Indian camp. Anas H of III BA [Economics] secured Gold medal in the All India Inter University Bodybuilding Championship. More than 85 students have become eligible for the sports grace marks this year.

The department has received Rs. 56250/- towards the conduct of adventurous sports.

### **ACTIVITIES 2006-07**

- The 61st Fr. Bartholomew Memorial All Kerala Inter-Collegiate Basketball [men/women], Volleyball [men/women] and Ball badminton[men] Tournaments
- M.G. University Judo Championship
- MG University Volleyball Championship
- MG University Wrestling Championship
- Ernakulam District Athletic Meet
- Ernakulam District Deaf & Dump Sports meet
  - Kerala State & MG University Judo Coaching Camp.
  - The Intra - murals and annual sports meet for the students, staff and ESA
  - Summer Coaching camp in Basketball, Judo and Cricket [To be conducted. The Judo team secured overall championship in the Ernakulam District Judo Championship

### **DEPARTMENT OF AQUACULTURE**

- A microbiology laboratory with state of the art equipment and facilities was set up in the department during November 2006.
- Aqua Food Fest 2006 was conducted on 15th November 2006. There were 245 participants. In the food competition Sri. Baiju and Shiraz won the first prize and Ms. Smisha second prize. Ms. Arya came third.
- The staff and students of the centre participated in the international Aqua Show at Cochin conducted from 2nd to 7th February 2007. Dr T.V. Sankar senior Scientist C.I.F.T. delivered a lecture to the students on the biochemistry

of fishes. As part of their scientific visit the students visited field farms and processing factories. The students and staff participated in the Kerala festival in November 2006 conducted by the College.

## **DEPARTMENT OF COMPUTER SCIENCE**

A seminar on 'Multimedia and Animation' was conducted on 18<sup>th</sup> July 2006 by Mr. Jiby Varghese Cherian from 'CADD CENTRE', Kacheripady, Cochin. An expert from Jetking Institute, Cochin took a class on 'Personality Development'. A preliminary talk on MCA and MBA entrance exam was given by the Time Institute, Cochin.

Our 3rd year students attended a half-day seminar on 'Tips for success in life' by Mr. Vincent Chundatt & 2nd year students attended a one-day seminar on "Tips for success in life" by Fr. Benny. Some of the computer Science students gained placements with various firms through campus recruitment: 3 with INFOSYS, 4 with IBM and 2 with Tech Mahindra.

Our association 'CASA' was inaugurated by Mr. S Kannan, Chief Manager, IT Division, South Indian Bank, Ernakulam on 20<sup>th</sup> October 2006. The department organized a seminar on 'Computerised Banking System'. An 'Internet Awareness Program' and a 'Computer Literacy Program' are being conducted by our Department for selected students of our college.

### Highlights of the Year

- Visited and provided food & cloths for "Don Bosco Sneha Bhavan, Cochin"
- New Computer lab was inaugurated with 68 computers.
- Local Area Network has implemented in 68 computers.
- Internet facility was established in all computer of computer lab.
- Ms. Regitha Baiju has achieved MCA
- 6 students got IBM, INFOSYS and TCS

## **LIBRARY**

The College Library has a collection of 71770 books including 4000 reference books. During the academic year 1740 books have been newly added. The library subscribes to 52 journals and 19 periodicals. The addition of DelNet facility has made it possible for the teachers and students to access e-journals.

Care has been taken to provide better lighting and other facilities. The resources of the library are well utilized by the staff and students. The Library is open from 9.00 a.m.

## **PARENT TEACHER ASSOCIATION**

The Parent Teacher Association and the members of the Student Welfare Trust meet on the second Wednesday of every month .The Principal keeps them informed of all the activities in the college and through their feed back they serve as agents of the transformation the college has been through. The S.W.T. has an annual budget to cater to the needs of the deserving students. It makes an annual contribution to the co- curricular activities of the college and the Physical Education Department. The Contribution of PTA towards student scholarship sports and cultural programmes amounted to Rs.80,050/-The contribution of student welfare trust towards student welfare programmes amounted to Rs.2,83,050/-

## **INTERNAL QUALITY ASSURANCE CELL**

The IQAC of our college enjoys the wholehearted support of the management and the college council. The cell serves the functions of monitoring, facilitating and assuring quality. The cell hopes to put in flawless mechanism for total quality management. The IQAC will grow into a full fledged body to ensure that every Department becomes a centre of excellence imparting quality education.

The IQAC (Internal Quality Assurance Cell) officially launched on 1-3-2005 functions in full swing within the campus. Long and hectic preparation was done by the body for the NAAC visit scheduled for March 14, 15 and 16 2007. The innovative initiatives by the Departments and the increased leveraging of the combined potential of the departments through the synergizing efforts of the IQAC has taken us through an academic resurgence.

## **JANAPARVAM**

Under the Village adoption scheme, the department launched a very innovative programme (JANAPARVAM) to enhance the quality of life and to achieve the integrated development of the poor people in Maradu Panchayath. The Department initiated the programme with the involvement of students and teachers of various departments of the college. Maradu Panchayath President Sri.K.A.Devassy, inaugurated the programme on 21st October 2006. The objective of the programme, extending over a decade is to provide quality education to U.P and High School students of BPL families, and to evaluate and monitor the standard of living of the beneficiaries.

## **COLLEGE UNION**

Election to the college union was held on December 15, 2006. The office bearers with Vivek K.R., as chairman were sworn in on 3rd January 2007. The union organized an Arts day, Photography and Painting Exhibition, and a two day Film Festival.

## **CAREER GUIDANCE CENTRE**

The centre aims at making students career oriented. To facilitate this, the centre maintains a career library and provides motivation programmes to the students. A half-day career guidance seminar was conducted for the final year students on how to face an interview and how to take part in a group discussion. The centre keeps the students informed of various career programmes in the city and encourages them to take part in them. It subscribes to 17 periodicals dealing exclusively with career matters.

## **NCC (Army Wing)**

108 Cadets, [56 Boys and 52 Girls] enrolled during this academic year, Twenty parades were conducted in this academic year in which cadets were given exposure to firing, drill, field craft, map reading, weapon training, first aid etc. A two-day-mini camp was conducted with 102 cadets in our college.

In connection with anti tobacco day our twelve cadets conducted an anti-tobacco campaign programme and staged a street play. The NCC of our college conducted a cycle rally, highlighting the need to eradicate plastic carry bags of less than thirty microns. Twenty two cadets attended this cycle rally with the support of the Corporation of Cochin. The college team won the first prize in field craft competition held at the Annual Training Camp of 21(K) Bn NCC EKM at Piravam.

## **NCC (Naval Wing)**

NCC Naval Wing enrolled 50 cadets this year. Apart from the routine programmes, the naval NCC unit of our college has a lot of achievements to speak of. The unit organized a three day exhibition in the college auditorium to depict the multifaceted activities of the Indian Navy and Naval NCC. The special attraction at the exhibition was the Scuba Diving stalls with all the diving apparels on display. Another attraction of the exhibition was the demonstration of pulling and sailing on 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> September. On 11<sup>th</sup> September, there was pulling display by the cadets in the college lake view. And on 12<sup>th</sup> September, the cadets demonstrated sailing at the lake view.

On the occasion of Gandhi Jayanthi (2<sup>nd</sup> October), the Naval NCC of the college celebrated the 2<sup>nd</sup> anniversary of 'PARADIGM', its social service programme. The programme was conducted in the Govt. Old Age Home, Thevara Ferry. Three Cadets of our college attended the All India Nausainik camp held at Vishakapattanam. The Cadets involved were L/Cdt Nirmal .V.R. of II B.Com, Cdt. Surya and Cdt Sunu of II BSc Maths. 2 Cadets-L/Cdt Isaac Devassy of II BA Sociology and L/Cdt Sibil Bhasi of II BSc Zoology attended the Pre-RD camp.

Cdt. Danish Joseph of II BSc Physics took part in the NIC camp held at Salt Lake Stadium (West Bengal) in January and L/Cdt Bijohn Babu of III BSc Maths, L/Cdt. Issac Devassy of II BA Sociology represented Kerala in Advanced Leadership camp (ALC) held at Tuticurin in December. Two of our senior cadets, P.O. cadets Suraj Kumar A S and CC Harish Kumar Sharma took part in SSB training camp held at Trivandrum.

Some special achievements of the Naval NCC cadets of S.H. College are:-

- Our cadets participated in the Blood Donation camp conducted by IMA in Maharaja's College.
- The Naval NCC Cadets played a major role in the smooth functioning of the cultural fest 'Tandav 06' organized by Dept. of Commerce in the college on 4<sup>th</sup> Nov.
- The cadets of Naval NCC visited the old age home every month as part of the paradigm programme and spent a lot of time with the old inmates.

## **NSS**

The NSS activities of the year were inaugurated by film star Mr. Jayasurya, which was followed by cultural programmes staged by the NSS volunteers. The volunteer strength for the year is 360. Ms. Dhanya Thomas, Mr. Harishkumar & Mr. Unnikrishnan are the volunteer secretaries for the year. Dr. K.X. Joseph and Ms. Ambily Thomas are the Programme Officers.

NSS Volunteers actively participated in the fast a meal programmes, legal awareness seminars, the clean city campaign and the awareness programmes on Chikun Guniya. 30 volunteers participated in various inter collegiate NSS programmes conducted in different colleges. Regular programmes in adopted villages, mini camps, and special camping were conducted during the year. Our NSS unit secured the Award for Excellence in Social work in 2006.

## **AICUF**

The AICUF unit of the college had a remarkably active year of service under its animator Dr. K.K. Paulose during this academic year. The activities of AICUF for the year 2006-07 started with a team visit to St. Mary's Old age home, Perumanoor. About 37 AICUF members visited and interacted with the inmates. They spent their time playing games and sharing pains. The formal inauguration of AICUF was held on 3<sup>rd</sup> August 2006 in the college auditorium.

A freshers camp for the newcomers was held on 23<sup>rd</sup> September 2006 in our college. About 35 new members participated in the camp which gave them a chance to improve their leadership qualities and service spirit. AICUF provided refreshment for the Heartifest. The profit gained from this was utilized to help orphanages and old age homes. AICUF and Youth Red Cross Society jointly conducted an awareness programme on Chikungunia on 7<sup>th</sup> October 2006 and also distributed preventive medicines.

Eight AICUF members of our college participated in the Zonal Leadership Camp at Samiksha, Kalady. As part of the world AIDS day observance AICUF conducted an awareness class along with Zoology Department on December 1<sup>st</sup> 2006. The trip to St. Xavier's School for the Deaf, Kalady and Abhayabhavan, Koovappady on 26<sup>th</sup> January was a memorable experience for the AICUF students.

## **WOMEN'S CELL**

The activities of the women's cell started with two of our teachers Rajalakshmi R and Henakumari K.P. attending the seminar conducted by the M.G. University student service centre on women counseling. The women's cell activities of the year included a training in umbrella making, a programme on legal awareness, and a stage programme on the evils of abortion, cancer etc.- "The Threats to Life" presented by members of 'Kripa Pro Life Movement'. Women's cell members Anjana Raghavan and Lavanya V. participated in the quiz programme on women's issues at St. Peters College, Kolencherry.

## **JESUS YOUTH**

Jesus youth is a spiritual and moral force on the campus. Apart from conducting a weekly prayer session, it organizes programmes that promote a value based life and concern for the less privileged in society. A one hour musical show based on gospel values was organized in the college and it was appreciated by all. The scheme for providing lunch to the poor street children on Fridays initiated by

Jesus Youth is going on well. Tinu Paul, Clara Neethu, Diana Varghese and Shinto lead the Jesus youth activities in our college.

### **THE MUSIC CLUB**

The activities of the music lovers of the campus got off to a flying start with Shri. Deepak Dev, the renowned film music director, our alumnus and an active former member of the club, inaugurating the club in August 2006. His sincere and glowing tributes to the club was immensely inspirational to the budding musicians of the college.

The club organized a musical event to honour the veteran musicians of yester years- Shri. Devarajan, Ravindran and Naushad. The musical concert with selections from their compositions was well appreciated. "Tandav-2006" a scintillating high voltage inter collegiate rock-show involving more than 12 college bands was indeed a remarkable achievement of the organizational skills of the commerce students and a crowning fete of the rock-culture thriving in the campus. Hrdya Sarga Sangamam 2006 music competition brought to the fore a profusion of talents available in our college. Apart from the routine musical performances in the Heartifest-06 and Keralapiravi Day, the members have excelled in intercollegiate and channel based competitions. Gayathri Varma III BA (English Copy Editor), a playback singer, is already reckoned as a promising new voice with huge potential, by the lovers and connoisseurs of music. B. Lakshmi (II Physics) super star fame and a budding music composer is another musical talent bound to enthuse audiences of the future.

### **THE DANCE CLUB**

The Dance club of our college was very much in the limelight this year too. The Heartifest was an occasion for all the artists of our college to come together and perform in various items. Members of our dance club participated in several competitions in and around the city and bagged many prizes.

### **SPEAKERS' FORUM**

The Speakers' Forum, composite in its character and versatile in functioning, had about 25 active members in the year 2006-07. The activities of the year were formally inaugurated by the noted journalist Sri. Gouridasan Nair, Special correspondent, The Hindu. The members met once a week for group discussions, speech practice etc. In association with the Literary Club, the

Speakers' Forum organized the prestigious All Kerala Literary Festival, Sargapadham and the intra mural arts competition the Hrdaya Sarga Sangamam. The Competitive Exam Study Circle was another initiative of the forum. A couple of one-day seminars on issues of topical relevance were conducted by them. The forum was in the forefront of the golden jubilee celebrations of Kerala Piravi. The Get Yourself Motivated (GYM) programme initiated by the forum gave the students motivational training which would stand them in good stead in all their future pursuits.

### **SARGAPADHAM**

The tenth edition of the Sargapadham was held on 21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> August 2006. The symposium that marked the start of the festival was on the theme "Crisis in Higher Education". The participants were Prof. P.A. Vasudevan, and Rev. Dr. Paul Thelekkat. Dr. K.G. Paulose was the moderator. 42 students from different colleges participated in the competition. Model Engineering college, Thrikkakara and U C college, Aluva took home the S.H. trophy and the runner up trophy respectively. Rev. Dr. Jose Kuriedath, our former principal, who conceived this festival, was the guest of honour at the valedictory session.

### **HRDYA SARGA SANGAMAM**

To mark the decennial of the Sargapadham, a unique cultural festival called Hrdaya Sarga Sangamam was organized on 16<sup>th</sup>, 17<sup>th</sup> and 18<sup>th</sup> August 2006. 778 students participated in 19 events and the English Department bagged I prize and the Zoology Department came second.

### **HEARTIFEST**

Heartifest is the family festival of our college. It was started 16 yrs ago for promoting the cultural and artistic talents of our students and for fostering a feeling of oneness among the management, the teaching and non-teaching staff, students and their parents. This year it was held on 14<sup>th</sup> October 2006. Quite a large number of parents and well wishers responded to our invitation and attended the programme.

### **PRIMROSE NATURE CLUB**

The green brigade of S.H. – Primrose Nature Club- has been active as ever. It observed the World Environment Day on 5<sup>th</sup> June. Our college won Palathulli Puraskaram II Prize (05–06) as reward for the combined activities organized under the guidance of the Primrose Nature Club.

Mr. V J Jose, Deputy Campaigner, Green Peace, inaugurated the activities of the Club for the year 2006–2007 on 8<sup>th</sup> June 2006. The club observed the day as College Environment Day. On 4<sup>th</sup> Aug 2006 the Club gave a reception to the 'MazhaYathra' organized by the Kerala State Remote Sensing & Environment Centre.

Class room beautification contest, celebration of wild life week with a lecture by Dr. S. Sivadas, Liaison Officer of Forest Department, a poster exhibition, participation in the cleanliness drive initiated by the college in the wake of 'Chikun Gunia', a nature study camp at Silent Valley, and a protest demonstration against indiscriminate felling of the mangrove plants from the Valunthakadu islands were among the major activities of the club during the present year. The members of the club took a pledge on oil and gas conservation as part of their participation in the Oil/Gas Conservation Fortnight.

In collaboration with Bharat Petroleum Corporation Ltd., Kochi Refinery, the club conducted an essay competition for the students of our college.

### **TECHNOLOGY PROMOTION CLUB (TPC)**

The Technology Promotion Club conceived as an inter - disciplinary interactive forum to disseminate information on latest technological advances has been of great help to students in enhancing their scientific awareness. The club, in collaboration with the Swadeshi Shastra Movement, organized a national seminar on 'Self Reliance and Prosperity' in October 2006.

### **TOURISM CLUB**

The activities of the Tourism Club for the year 2006-2007 started with the Onam celebrations on 25<sup>th</sup> August 2006. Tourism day was celebrated on 27<sup>th</sup> September 2006. A photo exhibition and open quiz competition were conducted. A video exhibition of previous years' adventure trekking was the main attraction.

Tourism club conducted an adventure trekking trip, *Monsoon Adventure*, to Kidappukallu and Vellattari in Nelliampathy forest range from 22<sup>nd</sup> to 24<sup>th</sup> September 2006. The club organized a seminar on the Future of Hotel Industry

in Kerala Tourism on 30<sup>th</sup> November 2006. Sri. George Dominic Executive Director, C.G.H. Earth delivered the keynote address. 40 club members and two teacher co-ordinators participated in the trekking trip to Manpara and Kalchady tribal settlement on 2<sup>nd</sup> and 3<sup>rd</sup> December 2006. Club members distributed food and dress to the tribals.

Our club team won prizes at the district level and state level competitions conducted by the Tourism Promotion Council this year. Our quiz team, Manu Antony and Muhammed Sameer were winners at the district level and runner up at the state level competitions. Nandini R Nair was winner in painting and Jerrin Lal was runner up in elocution at the district level. Muhammed Sameer won first prize in the state level competitions.

### **YOUTH RED CROSS SOCIETY**

It was an active year for the Youth Red Cross Society. It organized an anti drug campaign in June 2006. This awareness programme included a rally, poster exhibition and oath taking by the students. The Youth Red Cross of our college contributed to the fight against chikungunia by distributing preventive medicine. Communal Harmony was celebrated in our college from 19<sup>th</sup> to 25<sup>th</sup> of November.

Visits to the old age home at Thevara, Abhayabhavan at Perumbavoor and St. Claire Deaf and Dumb School at Kalady, formed part of this year's activities. A district level orientation camp was organized by the Youth Red Cross Unit of our college in collaboration with the Indian Red Cross Society.

### **'DIET' (College Canteen)**

The College Canteen 'Diet' managed by the S.H. Staff Welfare Association is committed to serving the culinary needs of the campus and the local public. In the third year of its operation, it has added several infrastructure facilities and feels gratified that it is able to provide hygienic and quality food at affordable price. The canteen also provides employment to about 15 persons and free meals to a few of our deserving students.

### **CAMPUS RECRUITMENT AND PLACEMENT CELL**

The Campus Recruitment and Placement Cell functioning with Prof. T.P Thomas as the co-ordinator has a teacher from each department to guide it. Started with the main objective of securing appropriate employment to the students who are job aspirants, on the completion of their course, and to

increase the employability of the students, the cell has had a great year of achievements. The Get First Programme offered at the initiative of Dr. T.J. James to the PG students has been a boost to their preparedness for the UGC tests.

The Placement cell has also made arrangements, in collaboration with the Times of India Group for conducting a Job Fair in the college towards the end of February 2007.

### **CO-OPERATIVE SOCIETY**

The college co-operative society is completing 30 years of service this year. On this glorious occasion I remember with thanks, all former presidents and secretaries who devoted their valuable services to this institution in the various stages of its development. This year too the society performed well and has undertaken many projects to fulfill the academic needs of our staff and students. A colour-printing unit installed by the society recently will remain a milestone in its growth. This academic year 31 students got the benefit of 'Vidyarthi Kshema Nidhi'. With the aim of instilling and nurturing research aptitude in the students the society conducted a project presentation competition on 11<sup>th</sup> August 2007 for our P.G. students and honoured the winners with certificates and cash awards.

#### **St. Vincent De Paul Society**

The society has seven active members and fifty five auxiliary members during this academic period. The society gave a financial help of Rs. 46002/- to 5 adopted families. Society provided other helps like medical, educational, house construction, marriage etc. and an amount of Rs. 32428/- was spent on the same. This year an amount of Rs. 85680/- was collected from the staff members and spent Rs. 78430/- for different projects. This year society has helped one person for her eye operation.

#### **Main Activities of the society**

- Aid for food to five adopted families and one individual
- Regular medical help to 4 persons
- Educational help to 'ten' of our students and 'three' others
- Financial help for house construction to two families
- Help to Old Age Home (Ozanam Bhavan). Kumbalam

- Aid for marriage to one family
- Help to meet funeral expense of one of our adopted family member
- Financial support to a needy conference at Nettoor.

The fund for the above activities is exclusively raised by the staff of S.H. College.

## **2. New Academic Programmes initiated (UG and PG)**

Applied for courses such as a) B. Com b) B. Sc Bio-technology and c) M. Sc. in Bio-technology to Mahatma Gandhi University for recognition and waiting for the approval.

## **3. Innovations in curricular design and transaction :**

The Sociology Department conducts group discussion on various topics related to the course syllabus. The Chemistry Department has introduced Animation of Reactions in curricular design and transaction. The Botany Department took initiative and brought about BSc syllabus revision and M.Sc Syllabus restructuring. Some of the staff members of Zoology Department participated in the meetings organized by the Board of Studies of Zoology –M.G. University, Kottayam for BSc syllabus revision. The 'Laboratory Work Book' for BSc Zoology written by Dr. Samson Davis Padayatty & Dr. A.K. Prema was an outcome of the syllabus revision introduced in the academic year 2006-2007.

## **THE TOTAL NUMBER OF STUDENTS QUALIFIED THE NET/ SLET/ GATE ETC - 12**

English Department	2
Chemistry Department	4
Botany Department	1
Commerce Department	5

## **4. Interdisciplinary Programmes Started**

Basic Maths Programme and Project Eng Power are the interdisciplinary programmes that are being conducted in the college. Electrical and Electronic Instruments Maintenance, Food Processing and Preservation, and Tissue Culture are Carrier Orientated Interdisciplinary Courses available.

## 5. Examination reforms implemented:

The science departments have made a preliminary discussion for the e-Content development and associated web based learning.

We have taken an effort to encourage individual teachers, groups of teachers in content development and multimedia production to develop educational content in electronic format, suitable for use in various teaching and learning programmes.

## 6. Candidates qualified NET/SLET/GATE etc.

THE TOTAL NUMBER OF STUDENTS QUALIFIED THE NET/ SLET/ GATE ETC –

	12
English Department	2
Chemistry Department	4
Botany Department	1
Commerce Department	5

## 7. Initiatives Towards Faculty Development Programme:

The college authorities encourage the faculty members to attend seminars, workshops, refresher courses, orientation programmes at the state, national and international levels. Seminar on 'Humanism and Post Humanism' was attended by the staff members of the college. The teaching staff of the college attended the computer training programme organized by the college on 13-3-2007.

The following faculty development programmes have been availed by the teaching faculty of the college.

DEPARTMENT	PROGRAMMES
English	Language Lab coaching facility was made available to the English Department.
Oriental Languages	Prof Kuriakose Alexander attended Refresher course in Hindi at Academic Staff College, Trivandrum. The department computers are being used by the faculty for question paper setting and editing works of journals.

Economics	Mr. Madhu of Economics Department attended Refresher Course at Academic Staff College, Trivandrum on 8-8-2006, and ten day workshop at St. Josephs college Devagiri on 16-9 2006.
Sociology	The faculty of the Sociology Department attended a National Seminar on 'Sociological Changes' at Trichur and All Kerala Sociological Conference (December 14 to 17 - 2006) at Trivandrum.
Commerce	Prof. K.X. Joseph attended Programme Officers Training at M.G. University, Kottayam on 24-7-2006.
Botany	Dr. V.J. Dominic delivered an invited lecture on 'Plant Science and Biodiversity' at Nirmala College Moovatupuzha on 15-9-2006.
	Dr. C.M. Joy delivered invited talks at refresher course at CUSAT, YMCA, Kottayam, SVR College, Vechoor, Choornikkara Panchayat, Palakkad etc.
Zoology	Dr. P.A. Sebastian of the Zoology Dept attended a refresher course at CUSAT – Kochi from 04 – 01 - 2006 to 25-01-06, and another at Academic Staff College, TVM from 6-7-2006 to 27-7-2006. The staff and P.G. students also underwent a training programme on 'PCR techniques' on 16-3-07.
Computer Science	Internet browsing and internet training was imparted by the computer science department to the college staff.
Aquaculture	The staff and students of the Centre For Aquaculture Studies participated in the International Aqua Show at Cochin conducted from 2 <sup>nd</sup> to 7 <sup>th</sup> February 2007.

#### **WORKSHOPS AND SEMINARS ORGANISED BY THE VARIOUS DEPARTMENTS OF THE COLLEGE**

Teachers and Students from the colleges under the Mahatma Gandhi University attended in large numbers the following Workshops / Seminars, organized by the various departments of our college. A total number of fifteen Workshops / Seminars were organized by the departments of the college.

<b>DEPARTMENT</b>	<b>WORKSHOP/SEMINAR/ TOPIC/DETAILS</b>	<b>DATE</b>
English	Dan Thottakara National Seminar	28/2/2007 & 1/3/2007
	Model II syllabus workshop	20/9/2006
	Fr. George Koikara Endowment Lecture	22/1/2007
	National Seminar- English in context : Corporate communication	23/1/2007
Oriental Languages	Workshop on Syllabus restructuring	27/7/2006
Economics	Annual Budget Analysis - State and Union governments	12/3/2007
Commerce	Value added Tax	25/10/2006
	Amendments to Corporate Laws	15/7/2006
	Fringe Benefit Tax	15/9/2006
	MCA 21	21/9/2006
	E-Filing of documents with Registrar of Companies	10/12/2006
Mathematics	Two day Workshop on Degree Syllabus Restructuring	16/11/2006 17/11/2006
Botany & Botanical society	Syllabus Restructuring	12/9/2006
Chemistry	Modern Trends in Chemistry	22/3/2007
Zoology Department	Prospects of Marine Exports in India	18/9/2006

#### **INTERNATIONAL SEMINARS ATTENDED BY THE FACULTY**

<b>Name</b>	<b>International Seminars Attended</b>
Dr. P.A. Sebastian	The invited lecturer at the '23 <sup>rd</sup> European Colloquium of Arachnology', Sitges, Barcelona, Spain (4-9-2006 to 8-9-2006).
Dr. V.J. Dominic (HOD, Botany Dept.)	Attended an international Seminar on 'Environmental Science, Religion and Ethics' at Nirmalagiri College, Kuthuparambu, Kannur on 23, 24, February 2007, and chaired a session.
Dr. Samson Davis Padayatty	Has presented a paper on 'On the Spiders of genus Epeus *(Araneae:Salticidae) from Kerala India' 23 <sup>rd</sup> European Colloquium of Arachnology-Sitges, Barcelona, Spain. (4/9/06 to 8/9/06)
	Spiders from Kerala - Spain
Dr. M. George	10 <sup>th</sup> ISMAS on Mass Spectrometry at Tea County, Munnar
Joseph T. Moolayil	10 <sup>th</sup> ISMAS on Mass Spectrometry at Tea County, Munnar
Dr. P.A. Sebastian	Spiders in India – at Spain Spiders in Nilgiri – at Spain Spiders Genus from Kerala – at Spain
Dr. V.T. Jose	International Conference on 50 years of Kerala's Development, Kerala Unty., Thiruvananthapuram
Dr George Joseph	International Education Meet - Kochi
	International Academic Seminar - Kochi
Prof. Joseph John	Alternative Medicine, Amala Cancer Research Centre. Thrissur

### **NATIONAL SEMINAR S ATTENDED BY THE FACULTY**

<b>Name</b>	<b>National Seminars Attended</b>
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Prof Joy Mathew and Prof.W.T. Paul (Mathematics Dept)	National Seminar on 'Discrete And Fuzzy Mathematics' at FISAT Angamaly from 22-2-2007 to 24-2-2007.
Dr. V. J. Dominic HOD, (Botany Dept.)	National Symposium on Algal Biodiversity and its Role in Bioremediation at RKM Vivekananda, Chennai on 23, 24, & 25 September, 2006.
	National Seminar on Greening Knowledge, St. Thomas College, Pala
	Algal Biodiversity, VIAT, Chennai
Dr. M.S. Francis (Botany Dept.)	National Seminar on Natural Dyes, Sponsored by DST, New Delhi at Sreeparasakthi College, Courtallam on 8-2-07.
Dr.C.M. Joy	National Symposium on Algal Biodiversity and its role in Bioremediation, Chennai
	Workshop of Taxonomists, Thiruvananthapuram
Prof. Georgekutty Joseph	Advances in Material Science, Manonmaniam Sundaranar Univ, Tirunelveli
	AC Conductivity Dielectric Studies Ionix, Karunya Institute of Technology and Sciences, Nagercoil
	DC Electrical Conductivity Studies, Tirunelveli
	Single Crystal Studies Solid State ionics Karunya Institute of Technology and Sciences, Coimbatore
Prof. V.S. Sebastian	Conference of Chemistry Teachers at CMS College, Kottayam
Dr. P. A. Sebastian (Zoology Dept.)	National seminar on 'Kick-off Colloquim on Nanoscale Science and Anthropol Bio Resources.' (CNSAB -2006) from 18-12-2006 to 19-12-2006. at the University of Kerala Thiruvananthapuram. He presented a paper on 'Diversity of Spiders in Kerala with special reference to Potential Silk Yields'.

	Participated in the Entomology congress at Panjab
Prof. Joseph John	Seminar on Mass Spectrometry at SH College, Thevara, Kochi
Prof. K.A. Raju	Physical Edn and Sports Medicine, National seminar, Cochin College, Cochin
Dr. M.George	9 <sup>th</sup> ISMAS Workshop at NIO, Goa
	Conference of Chemistry Teachers, CMS College, Kottayam
Prof. Roy Zacharias	Algal Biodiversity, VIAT, Chennai
Prof. Cyriac Antony	Share price indices Kerala Univ, Tvm
Joseph T. Moolayil	Conference of Chemistry Teachers, CMS College, Kottayam
Sojan T.S.	Banking Sector, Kerala University, Kochi
Dr K.X. Joseph	Banking

#### **REGIONAL SEMINARS ATTENDED**

<b>Name</b>	<b>Date</b>	<b>Institution</b>	<b>Topic</b>
Prof. W.T. Paul (Mathematics Dept)	24/06/06	St. Teresa's, College, Ekm	Cryptography & Cooling Theory
"	16/09/06	St. Pauls College, Kalamassery	Cryptography for Computer Sciences
"	07/10/06	St.Teresa's College, Ekm.	Numbers and History of Mathematics
Prof. Joy Mathew (Mathematics Dept)	07/10/06	St. Teresa's College, Ekm	Numbers and History of Mathematics

Dr. V.J. Dominic (Botany Dept.)	05/06/2006	Forest Dept. and Kochi Corporation	World Environment Day
Dr. C.M. Joy (Botany Dept.)	05/06/2006	FBOA Hall Aluva	World Environment Day Seminar
Dr. M.S. Francis (Botany Dept.)	25/01/2007	IPR	EU-India & CUSAT
Staff of Chemistry Dept.	23/01/2007	ISO TEC MAT Conference	Nirmala College, Muvattupuzha
Dr. P.A. Sebastian (Zoology Dept.)	16/08/2006 to 17/08/2006	PSMO College, Thiruangadi	Invited Lecturer on Diversity to Invertebrate Fauna of Western Ghats

### 8. Total Number of Seminars/Workshops Conducted:

Various departments of the college have organized seminars, workshop and invited talks this year also.

TOTAL NUMBER OF SEMINARS ORGANISED – 16

Department      Regional Seminar organized

English            3

Mathematics      3

Physics            1

Chemistry        2

Botany             2

Zoology 1

The total number of Regional seminars /workshops conducted by the various departments of the college is - 12

Total Number of National Seminars organized at S.H. College is - 4

### **Seminars and Lectures conducted by other departments**

#### **English**

- (1) Rev. Fr. George Koyikara Endowment Lecture on Media Studies.
- (2) Rev. Dr. Daniel Thottakkara Memorial Lecture for college students.
- (3) A media seminar in association with M.O.P. Vaishnav College, Chennai.

#### **Mathematics**

Fr. John Therezhath endowment annual lecture in Mathematics

#### **Chemistry**

1. Prof. P.E. Aravindaksha Kartha Endowment Lecture.
2. Prof.V.A. Joseph Endowment Lecture.
3. Prof. P.J. Joseph Endowment All Kerala Inter-Collegiate Quiz Competition.
4. Prof. K.V. Thomas Endowment National Seminar.
5. Prof. K.J. Thomas Jacob Endowment Lecture.
6. Prof. Varghese Paul Endowment Lecture.

#### **Zoology**

Fr. Austian Mulerikal endowment lecture

### **9. Research Project**

#### **Minor and major projects**

##### THE ONGOING PROJECTS

1. 'Taxonomy and Behaviour of the Ant-Mimicking Salticid Spider Genus Myemarachne- (UGC Minor Project) by Samson Davis Padayatty (Dept.of Zoology)

2. 'Study of the Flocculus of Rat Cerebellum – A Histological Approach  
(Student Project funded KSCSTE, Thiruvananthapuram)  
by Dr.T.J.James (Dept.of Zoology and Viji Abraham. (Student final MSc Zoology)
3. ' Effect of Deprenyl on Lipofuscin accumulation in rat brain– (Student Project funded by KSCSTE Thiruvananthapuram). by Dr. T.J. James (Dept.of Zoology and Soumya Suresh Final year MSc Zoology) – Rs. 50000/-
4. 'Bioecology of Spiders in Westen Ghats of Kerala' – (Funded by Ministry of Environment and Forests, Government of India) by Dr. P.A. Sebastian (Dept.of Zoology) - Rs. 1535710/- funded by Ministry of Environment and Forests, Govt. of India, New Delhi
5. A 'Study on the Mygalomorph Spiders in Western Ghats, Kerala, India'. (UGC Minor Project) by Dr. P. A. Sebastian (Dept.of Zoology)- Rs. 28000/- funded by UGC.
6. A Qualitative Study on the Biodiversity of Spider Fauna in Ernakulam District, Kerala State by Dr. P.A. Sebastian – Rs. 319000/- funded by KSCSTE, Govt. of Kerala.
7. The taxonomy and behaviour of the spiders of the genus Myrmarachne –Rs. 29000 funded by UGC

#### The Research Projects Newly Completed

The ongoing postdoctoral research project of Prof. M.S. Francis of Botany Dept. has been completed in the month of June 2007.

#### **10. Patents generated**

Researches are going on in different departments; which may lead to patents in future.

#### **11. New Collaborative Research Projects**

Various faculty members have done some collaborative work with some of the institutions as given below.

The Chemistry Department has linkages with IICT, Hyderabad and Washington University, St Louiz .

Computer Science Department of the college has entered into a tie up with license with Microsoft.

#### Collaborative and Research Programmes of the Zoology Department

1. Dr. P. A. Sebastian and Prof. Aparna Dutta Gupta, School of Life Sciences University, Hyderabad - As first phase of collaboration one of the Ph.D. students of Prof. Gupta was trained in the field of Arachnology in the research lab of Dr. P.A. Sebastian.
2. Dr. P.A. Sebastian has entered in to collaborative research work with Dr. Norman.I.Platnick, Division of Invertebrate Zoology , American Museum of Natural History NewYork, on 'Oonopid Spider'.
3. Research activities of the Zoology Department were in the limelight this year. Prof. Samson Davis Padayatty (HoD of Zoology), Mr Sunil Jose, Mr Sudhikumar and Mr E. Sunish Research scholars under Dr. P.A. Sebastian participated and presented papers at the '23rd European cell of Archnology' held at Sitges,Spain. Mr Sudhikumar has been selected to a two year training programme in 'Molecular Taxonomy' in Ghent University, Belgium and has joined there. The faculty members are actively engaged in research and have published a lot of research articles.

#### 12. Research grants received from various agencies

Dr. M.S. Francis of Botany Department and Prof. V.T. Jose of Economics department were awarded teacher fellowships amounts of 4 lakhs and 2.5 lakhs respectively from UGC for conducting research. Details of other ongoing research projects are given under item 9.

#### 13. Details of Research Scholars

##### LIST OF THE GUIDES AND DETAILS OF THE RESEARCH SCHOLARS.

Department	Guide	Full Time	Part Time
Economics	Dr. K.V. Raju	1	6
	Dr. N. Ajith Kumar	3	5
	Dr. Jose T. Payyapally	....	....
	Dr. E.M. Thomas	....	....
	Dr. Stephenson	....	....
	<b>TOTAL</b>	<b>4</b>	<b>11</b>

<b>Physics</b>	Dr. T.I. Paulson	.....	.....
<b>Chemistry</b>	Dr. Thommachan Xavier Dr. M. George <b>TOTAL</b>	.... 3 <b>3</b>	....
<b>Botany</b>	Dr. M.S. Francis Dr. Joy P. Joseph Dr. V.J. Dominic <b>TOTAL</b>	1 1 1 <b>3</b>	3 Nil Nil <b>3</b>
<b>Zoology</b>	Dr. P.A. Sebastian Dr. Philip Mathew Dr. John Joseph Dr. P.C. Sebastian Dr. T.J. James Dr. Thomas Philip Dr. N.D. Inasu Dr. John Thomas <b>TOTAL</b>	3 ..... 1 ..... 1 1 ..... 1 <b>7</b>	1 1 1 ..... ..... ..... 1 ..... <b>4</b>

#### **DETAILS OF THE RESEARCH SCHOLARS**

- Of the 9 teachers who were till recently at various stages of completing their Ph.D. research, six are back in their respective departments after completing their thesis.
- The ongoing research project of Dr V.T. Jose of the Economics Department on the topic 'Sustainable Development' was started in 2004.
- Mr. Cyriac Antony of the Mathematics Department is doing Ph.D.
- The research scholars of the Chemistry department are Prof. Joseph T. Moolayil, Prof. K.B. Jose, and Prof. V.S. Sebastian.
- Sri P.E. Cherian has rejoined the Economics Department after submitting his thesis.
- At present there are 12 research scholars with the Economics Department.
- The Commerce Department has 16 PhD (PT) and 6 M Phil (DLP).

#### **14. Citation Index of Faculty Members And Impact Factor**

Prof. Joseph T. Moolayil & Dr. M. George - - ( 2.3 )

(Journal of the American Society of Mass Spectrometry)

#### **Faculty Publications**

Name	Item	No.	Title
Dr. P.A. Sebastian	Book	1	The Spiders of India (selected for publication)
Dr. V.T. Jose	Book	1	Urbanisation and sustained development
Dr. K.X. Joseph	Book	1	Banking Theory and Practice
Prof. M.P. Sebastian	Books		Companion series- Plus Two (Maths), Work book Maths
Dr. Samson Davis Padayatty	Book	1	Laboratory work book for BSc. Zoology
Dr.V.T. Jose	Abstracts	2	
Dr. V.T. Jose	Research Papers	5	
Dr. K.X. Joseph	Research Papers	4	1. Performace appraisal in CPSUs in Kerala (in SH Research Journal) 2. Micro Level Financing 3. Sustainable Development in Keechery Village 4. Performance Analysis of KRI
Prof. T.S. Sojan	Research Paper	1	Working Capital Management of Appolo Tyres
Prof. T.P. Thomas	Research Paper	1	Depository Participants in Capital Markets
Prof. Thommachan Xavier	Research Papers	2	Asia RUBTEC Expo-2006 GKQUMMIFASER KUNSTSTOFFE-Oct-2007
Dr. Stanley Chazhoor	Research Papers	2	Consumers right to drinking water
Dr. J.T. Moolayil & Dr. M. George	Research Paper	1	International Journal of Mass Spectrometry
Dr. V.J.Dominic & Dr. Joy P. Joseph	Research Papers	3	Shoot induction from the Megagametophyte of cycas circinalis
”	”		Histological and Biochemical Characterisation of recalcitrance in the Vitrocultures of Zamia Furfuraceae
”	”		Shoot Bud differentiation from Megagame tophyte of Cycas Circinalis
			Consumers right to health care
Johnson John	Research Paper	1	Petroleum Industry-Study with Reference to KRL

Sebastian P. Chandy	Research Papers	3	Tandem duplication and copy Number Polymorphysm
			Genomic Instability of the DYZI
			AZFC Somatic Microdeletions and copy number Polymorphism
	Research Paper		Diversity of Spiders in Mangalavanam
Dr. M.S. Francis	Research Papers	5	The effect of five heavy metals
”	”		Investigation on the algal flora of Thodupuzha Thaluk
”	”		Preparation of Maravuri from <i>Antiaris tixicaria</i>
”	”		Unique Source of Starch and beverage for the Muthuvan Tribes
”	”		Ethno botanical significance of Finger Millet
Dr. C.M. Joy	”	2	Tsunami tides and mangroves. <b>Nature Watch 2</b> (15) 9-12
”			Algal biodiversity and succession in Periyar river at Aluva, Kerala <i>Indian Hydrobiology</i> 10 (1): 129-133 National symposium on algal biodiversity and its role in bioremediation. Krishnamurthy institute of algology, and VIAT. Chennai
Dr. Philip Mathew	Research Papers	1	Encilation of Shrimp waste
Prof. K.G. Narayanan	Popular Articles	2	
Prof. Jacob Varghese		15	
Dr. George Joseph		3	
Dr.C.M. Joy		33	

“HEART BEATS” – the official news letter of Sacred Heart College chronicles the life of our campus in its manifold tones and tenors. Prof. Mathew Jose of the Sanskrit department is the main source behind the college news journal.

## **15. Honours/Awards to the faculty**

The Sacred Heart family gathered in a graceful ceremony to honour Rev. Fr. Gabriel C.M.I, the visionary architect of the Zoology department, founder - curator of the famed Zoological Museum, as the nation bestowed on him the coveted PADMABHUSHAN in 2007.

The CPE team, which consisted of Prof Shyam Lal Dr M.M. Aruldas and Dr. A.K. Parate, visited the various departments on 15th and 16th 2006 January and made a thorough scrutiny of the activities. They have recorded their appreciation of the performance of the college since the granting of the CPE status in 2004.

The NAAC peer team consisting of the Chairperson Dr. Anand Deb Mukhopadaya, Prof. Usha Mukundan, and Prof. L. Thara Bai, made a three day re-appraisal of our college. Our hearts turned jubilant on the achievement of A+ grade on re-accreditation.

The Sacred Heart College bagged the second prize in the prestigious Manorama Award for Rain Water Harvesting. The Principal Fr. A.J. Saviance received the honour from the Hon. Chief Minister V.S. Achuthanandan. The Zoology Association of Sacred Heart College was selected as the best Zoology Association of the academic year by the Zoological Association of Kerala in 2006-2007.

The appointment of Prof. M. A. Kurien as Vice Principal and Rev Fr. Jerry C.M.I. as Bursar has given impetus to the transformation that is being effected on the campus. Prof. Stanly Chazhoor, Department of Commerce was awarded PhD by Mahatma Gandhi University in 2006-2007. Prof. K.X. Joseph H.O.D. of the Commerce Department received the 'Excellence in Social Service Award' of the Ernakulam District. Prof. T.P.Thomas of the Department of commerce is the winner of the 'Student Services Award (2006-2007) of the S.H. College.

Prof. M.P. Sebastian, Dept. of Mathematics is the winner of 'Dan Publication Award' for the year 2006-2007. Ms. Rejitha of the Computer Science department attained A-level during the academic year 2006-2007 Prof. Alphonse Ligori who is in charge of the NCC Army Wing has been promoted as Captain. Dr. Sibi Zacharias and Dr V. T. Jose have become members of the U.G. and P.G. Boards respectively.

Rev Fr Jose Thottathil of the chemistry department has been elevated to the position of provincial in CMI order.

Prof. P.M. Joseph is a member of the Syllabus Restructuring Board in 2006-2007.

Dr. V.J. Dominic, HOD, Botany Department, delivered an invited lecture on Plant science and Biodiversity at Nirmala College Moovatupuzha, on 15-9-2006 and another on 'Plant Tissue Culture' at Department of Botany , Carmel College, Mala, on 19-9-2006.

Dr. V.J. Dominic, President, Kerala Botanical Society, conducted a State Level Seminar on 'Algal Economy' at Dept. of Botany, MA College Kothamangalam on 19-1-2007.

Prof. Joy P. Joseph was the co-ordinator for Workshop on 'Formulation of Research Projects for Funding by External Agencies' on 25-9-2006.

Prof. Jacob Varghese of Botany Dept. has become a popular name in Malayalam and English Journals as a columnist of popular science articles and he is the active Secretary of the Horticultural Society of Kerala which organizes the Cochin Flower Show.

Dr. C.M. Joy has been nominated as working group member on environment task force of Kerala State Planning Board. He is working as the managing editor to the trimonthly journal published by All Kerala River Protection Council. Dr. C.M. Joy is the secretary to AKRPC. He was appointed by the UGC as observer to the conduct of UGC – NET – JRF exams at Kerala University. He is also the member of Ernakulam district committee of National Green Corps, Govt. of India.

#### **Educational and research awards/fellowships received by the faculty**

<b>Name of the Faculty</b>	<b>Name of the Award</b>	<b>Year</b>
Dr V.T. Jose	UGC Post Doctoral Fellowship in Economics	2004-2007
Dr M.S. Francis	UGC Post Doctoral Fellowship in Botany	2004-2007
Samson Davies	Invitation for Paper Presentation in Spain in the 23 <sup>rd</sup> European Colloquium of Arachnology.	2006

#### **Faculty working as Resource Persons/Visiting Faculty**

<b>Name of the Faculty</b>	<b>Seminar/ Refresher Courses</b>	<b>Institution &amp; Place</b>	<b>Year</b>
T.P. Thomas	Prepared and Administered test for Selection of Secretary	Parathodi Milk Producers Co-operative Society	2006
Dr K.V. Raju	Visiting faculty	ICFAI University	2006
Jacob Varghese	Fairness Training Programme, Karshakasree	Kerala	2006
	Agricultural Development	Kerala Govt., Ernakulam	2006
	Agricultural Development	Thrissur	2006
Dr George Joseph	Visiting faculty Teachers Training College	Pala	2006
	Visiting Faculty to Labour India	Gurukulam Public School, Pala	2006
Dr C.M. Joy	Water Resources	G. Auditorium, Ernakulam	2006
	Rivers and Drinking Water Problems	Town Hall, Thodupuzha	2006
	Water Scarcity	Govt. School, Thirunavai	2006
	Environmental and Development (Refresher)	CUSAT, Kochi	

	Course)		
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#### 16. **Internal Resources Generated**

Internal resource generated by the Botany Department through Tissue Culture Training Programme amounted to Rs. 15,000.

#### 17. **Details of departments getting SAP, COSIST (ASSIST)/DST.FIST, etc.**

The Chemistry department has applied for DST- FIST

#### 18. **Community Services**

All the programmes undertaken by our college simultaneously address the specific practical needs of the community and the country.

The Economics Department launched an ambitious ten year project 'Janaparvam'. It aims at enhancing the quality of life of BPL families and their school going children in Maradu panchayat. Classes were taken by 69 students of the Economics Department to the students belonging to the BPL category on seven Saturdays. The Maths department faculty collaborates with the "Janaparvam" - rural uplift programme of the college, especially camps, leadership camps, communal harmony meets chikungunya prevention camps, oldage homes visits, leadership camps communal harmony meets, and in empowering the poor students of Maradu village. The resources of the college staff, study materials, and infrastructure is made available for the uplift of the target group.

The important activities undertaken by the Economics department with the co-operation of other departments and with the involvement of students and teachers of our college in 100 BPL families of four selected wards and in the only Government School of the panchayat are the following :

- Quality education to poor students – UP and High school levels and special training for learning to SSLC students (BPL families) with the involvement of college teachers and students.
- Awareness programmes to parents by the teachers of the college and other resource persons.
- Evaluation and monitoring of standard of living – (Daily recording of income, expenditure, saving, loan repayment etc. monthly supervision).
- Finding out local resources (men material and money) for the upliftment of BPL families.

The Mathematics Department conducts BMLP (Basic Maths Learning Programme) classes to the students of other Departments of the college. Maths classes are being taken at Government School Mangayil.

The Computer Science Department conducted special coaching programmes to the handicapped students and financially backward students

The staff and students of the Sociology Department visited the Kusumagiri Mental Hospital, and Cancer Center and Children's Village, Sevagram - Pothy (28-09-06).

The Chemistry Department conducted a Chemistry Awareness Programme (CAP) on 26-7-2006 and Plastic Pollution Awareness Programme (PRAP) on 21-11-2006. As part of the CAP 2006 a laboratory experience was arranged for the benefit of school students of the neighbouring institutions like St Thomas Girls School, CCPLM, and S.H. Higher Secondary School. The programme demonstrated by our final year students was continued on four Saturdays and had 400 participants.

The Commerce Department imparted training in audit programme for SHGS on 24-10-2006 and 12-11-2006.

The students and staff of the Zoology Department visited the Old Age Home of S.D. Convent Perumanoor, Thevara, and spent time with the inmates and presented various cultural programmes for them.

In association with the Economics Department, the English Department offers English classes to the children of BPL families.

Jesus Youth is a voluntary group conducting social services along with prayer services. Every Friday lunch packets are collected from the students of the various departments of the college on a rotational basis (voluntary contributions) and distributed to those needy on the streets.

#### **'Fast a Meal Feed a Grandpa: X mas with a difference'**

The students collected Rs.1500/ by skipping a lunch and along with the faculty visited the old age home run by SD convent Perumanoor. Decorating the home and helping the aged and the invalid, the students made the celebration a memorable one. They also presented cultural programmes spiced with traditional Christmas revelry and refreshments.

The AICUF (All India Catholic University Federation ) unit of S.H College true to its long tradition of youth focus – empowerment, value orientation and social sensitivity had exposure camps, leadership camps, Communal harmony camps, and Chikungunya prevention camps, Teachers Day, World Anti-drugs day, Aids Day remembrances and many visits to orphanages and old age homes etc. Free food and clothing were distributed among the inmates of poor homes. The students gained soft skills and social conscience through the above programmes and activities.

The AICUF members took active interest in the Republic Day and Independence Day celebrations. The students of the Sociology Department participated in the Cycle Expedition organized by the NCC – Naval and Army Wing. The students of the college actively participated in the One Day Cleaning Programme organized by the college.

The Youth Red Cross Society unit of SH college was involved in activities like awareness against Chikungunia and Aids. The Youth Red Cross and AICUF units of our college organized Communal Harmony Week from 19-11-2006 to 25-11-2006. The Red Cross Unit of our college also organized 'District Orientation Camp' on 27-1-2007 in which 120 students from 12 colleges participated. The members visited an orphanage at Koovapady, Perumbavoor.

### **Activities of the Society of Vincent De Paul**

- Aid for food to five adopted families and one individual
- Regular medical help to 4 persons.
- Educational help to 'ten' of our students and 'three' others.
- Financial help for house construction to two families.
- Help to Old Age Home (Ozanam Bhavan), Kumbalam.
- Aid for marriage to one family
- Help to meet funeral expense of one of our adopted family member.
- Financial support to a needy conference at Nettoor.

The fund for the above activities is exclusively raised by the staff of S. H. College.

The college ground at the lakeside is being hired by educational institutions and the local community for conducting sports meets, recreational and cultural

functions, and wedding receptions. The beautiful premise of the college is also being hired for film shooting purposes.

The college canteen 'DIET' which functions from 8.30 am to 9.30 pm on all working days is being patronized on an average by 1000 customers (staff, students, and local community) every day.

With the firm conviction that increased access to higher education is also a part of community service and nation building, we allow at least 1000 students to reap the benefits of distance learning offered by Indira Gandhi National Open University (IGNOU), Bharathiyar University and the Central University of Pondicherry. The college keeps the campus open to the local community during morning and evening and the campus thus turns into a sports and games village.

#### **19. Teachers and officers newly recruited**

<b>Sl.No.</b>	<b>Department</b>	<b>Guest Faculty</b>
1	English	6
2	Economics	3
3	Commerce	2
4	Mathematics	2
5	Physics	3
6	Chemistry	4

#### **20. Teaching Non-teaching staff ratio**

3:2

#### **21. Improvement in Library Services**

DELNET facility was provided to the faculty members and the students through the library. DELNET Facility has made it possible for the teachers and students to access E-journals. Special care has been taken to provide better lighting and other facilities. The resources of the library are well utilized by the staff and students.

## **22. New books/Journals subscribed and their value:**

The total number of books purchased during the academic year 2006-2007 is 962 and the total amount spent on books for the year 2006-2007 is Rs 3,00,135. A new steel almarah has been added to the infrastructure of the library at a cost of Rs 43,962. The Library subscribes to 52 journals and 19 periodicals.

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

The college has a regular feedback mechanism, which ensures an evaluation of its performance by all its stakeholders.

Student feedback is collected from all the students of the college by the teachers using structured format prepared by the IQAC of our college and necessary remedial measures are taken by the faculty members. There is a feedback page in the college website where students and public can vent their opinion during open session after each sessional exam. The PTA executives' meet every month to monitor the college's functioning and to render advice.

We seek feedback from our clientele-the several organizations that visit our campus for recruitment, annually. Their comments, often boosting, have enriched our confidence and their suggestions have prodded us to start initiatives like PEP, BMLP, the VLC, GYM, and the add-on courses.

## **24. Unit cost of education**

The unit cost of education including and excluding the salary component are Rs. 13,631/- and Rs. 846.30 respectively.

## **25. Computerization of administration and the process of**

### **admissions and examination results, issue of certificates:**

College office administration such as admissions, examination results, salary bill etc is fully computerized.

## **26. Increase in Infrastructure Facilities**

Never in its 60 old year history has the Sacred Hearts witnessed the infrastructural boom as in the academic year 2006-2007. While the Melesius A/c conference hall with state – of the – art facilities takes pride of place, the Marian VLC hall, the Chavara IT centre DELNET connect, the Common Instrumentation Room – all done with finest aesthetic and utility parameters – having sprung up on the neglected or under utilized backyards in the campus. A microbiology laboratory with state of the art equipment and facilities was set up in the Aquaculture Department during November 2006.

Computer and internet access and training are available to teachers and students.

With refurbished and renovated new-look A/c lab equipped with more than 70 new machines and a well stacked library, the centre hitherto “humming” gently began to break into a digital polyphony, signaling a futuristic makeover of the entire campus from a dingy, ill-lit Chavara Hall to a gleaming new cyber hub, the evolution has the Gen - xts wifi needs writ all over. The center became operational in Feb 2007 with a blessing ceremony by the Prior General, Dr. Antony Kariyil C.M.I.

## **27. Technology Upgradation**

The following facilities have been added to make the campus IT friendly. It has benefited the twin areas of administration and teaching.

- The library was computerized on the strength of an in-house developed software
- The college website was improved. web server ([www.shcollege.ac.in](http://www.shcollege.ac.in))
- Mail server (students and staff can make use of it)
- FTP server (<ftp.shcollege.ac.in>)

- All Departments of the college have computing support units for the benefit of the students and staff.
- The recently renovated Marian Hall functions not only as a seminar hall but also as a Virtual Learning Centre (VLC). It has been equipped with the necessary audio –visual facilities.
- We have set up an audio video recording studio. It is intended to bring courseware production. The centre is equipped with a movie camera and a computer with editing facility using Final Cut Pro licensed software. The audio visual gadgets available are TV, LCD-TV, MP3/DVD player.
- LCD projector 9 (portable) two LCD projectors (fixed). Teleconferencing is available at the IGNOU office.

### **28. Computer and internet access and training to teachers and students:**

Computer and internet facilities are available to all the staff and students of the college. Teachers and students are being trained in the new computer laboratory. DELNET facility has been introduced in the P.G. classes of our college .The Zoology Department has a computer lab with seven computers exclusively for students. Two computers with internet facility are available in the department library. Six computers with internet facility are available for use by the staff, research scholars, and P.G. students of the Botany Department. The teachers and students of the English Department took training in using Campus Net and using the New Language Lab. The admission system and the administrative office are fully computerized.

### **29. Financial aid to students:**

During the academic year 2006-2007, Rs.24,41,203 was distributed as scholarship among 651 students of our college.

Endowment cash awards amounting to Rs.21,300 was also distributed among the students of our college.

### **SCHOLARSHIPS / AWARDS**

#### **Department of English**

1. Archbishop Mar Joseph Cardinal Parekattil Jubilee Memorial Scholarship for the best student in II B.A., B.Sc English, instituted by H.E. Joseph Cardinal Parekattil.
2. Prof. K. Gopinathan Endowment for the topper in I M.A. English, instituted by the the English Department.
3. Fr. Hilarion Maliekal Endowment for the topper in II M.A. English, instituted by the Maliekal Family.
4. Prof. Joseph Cheruvely Endowment for extension lectures for M.A. English, instituted by Prof. Joseph Cheruvely.
5. Excellence Award - "instituted by the English department for the best all-rounder of final year B.A. English (Copy Editor)

### **Department of Oriental Languages**

1. Prof. P.K. Narayanan Nair Scholarship for the best student in II DC Hindi, instituted by his sons & daughters.

### **Department of Economics**

1. Mr. K. Mathulla Memorial Scholarship for the topper in III B.A. instituted by K.M. Thomas, Kavalam.
2. Mr. Pothen Joseph Endowment for the topper in M.A. instituted by V.J. Mathew, Vadakkekalam.
3. Tribhuvandas J Shah Endowment for the best student in I M.A. Economics, instituted by his sons.
4. Prof. K.U. Baby Memorial Library Fund for the purchase of books for poor UG students of Economics Dept., instituted by self.
5. Prof. I.D. Michael Endowment for the top scorer in core papers of B.A. Economics.
6. Prof. P.J. Cyriac endowment for the topper in II BA Economics instituted by Economics Alumni Association.
7. Prof. George Thomas endowment for the topper in I BA Economics instituted by Economics Alumni Association.
8. Rev. Fr. A.U. Varghese endowment for the toper in core papers
9. Rev. Fr. Joseph Kaimalayil Endowment award for the topper in History, instituted by the Economics Alumni Association.
10. Rev. Fr. Zacharias Payikkat National Endowment Lecture

### **Department of Sociology -**

Instituted by staff & students

1. Prof. Nalina Babu Award for the best student in part III of final B.A.Sociology (six papers).

2. Prof. Varghese Erattupuzha Endowment for the best student in part III of II B.A.
3. Rev. Fr. Ligor Mundackal Award for the best student in part III of I B.A. Sociology.
4. Rev. Fr. Jose Kuriedath Endowment for the all-rounder from final B.A., B.Sc. and B. Com students.

### **Department of Commerce**

1. Prof. Kerala Varma Endowment for the best student in IIIB.Com Accountancy & Auditing, instituted by self.
2. Prof. P.M. Joseph Scholarship for the best student in I M.Com, instituted by self.
3. Prof. M.L. Jose Memorial Scholarship for text-books for one student each from I&II B.Com, instituted by Mrs. Metty Jose.
4. Jeeva Jyothi Endowment for the child of NTS from I B.Com, instituted by Mr. K.J. Antony
5. Netin Lalson memorial scholarships for the highest scorer in M.G. University B.Com Degree Exam. Instituted by Mr. Lalson.
6. Prof. George Chackola Memorial Gold Medal for the highest scorer in M.Com and BCom.
7. Prof. Krishnankutty Menon memorial scholarship for the highest scorer in M.Com Degree Examinations.

### **Department of Mathematics**

1. Prof. P.O. Devassy Award for the topper in Part III of B.Sc Mathematics.
2. Rev. Fr. John Therezhath Endowment for the topper in M.Sc. Mathematics.

### **Department of Physics**

Scholarships/Awards Instituted by Physics Alumni Association.

1. Fr. Archangel Award for the topper in II B.Sc. Physics & I B.Sc Physics (Main).
2. Prof. C.J. Daniel memorial award for the best in Final B.Sc.
3. Prof. V. Anantharaman memorial award for the topper in II B.Sc.
4. Prof. P.M. Joseph award for the topper in Final B.Sc (Practicals).
5. Fr. Mathai Archangel memorial award for the topper in Final B.Sc. (Theory).
6. Prof. P.V. Chakkunny award for the topper in Final M.Sc.
7. Prof. George J. Benedict award for the topper in First B.Sc.
8. Prof. G. Ramanathan award for the topper in First M.Sc.

### **Department of Chemistry**

1. Prof. M.V. Varghese Endowment for the best student in Final M.Sc. Chemistry.
2. Prof. M.V. Varghese Endowment for the best student in III B.Sc. Chemistry.
3. Prof. K.A. Gopalakrishnan Scholarship for the best student in I M.Sc. Chemistry.
4. Prof. Sitarama Iyer Award for the best student in II B.Sc. Chemistry in first attempt.
5. Prof. K.T. Kerala Varma Award for the best student in IB.Sc. Chemistry Part III.
6. Prof. Fr. George Kallarackal Award for the best student in III B.Sc Chemistry Part III.
7. Prof. Aravindakshan Award for the best student in I M.Sc.
8. Prof. P.Babu Jose Award for the best student in final M.Sc applied Chemistry.
9. Prof. K.A. Gopalakrishnan Scholarship for the best student in II M.Sc. Chemistry Theory, instituted by his sons.
10. Prof. P.J. Joseph Award for the best student in B.Sc Chemistry (Main Theory), instituted by Teacher's Publications.

### **Department of Botany**

1. Prof. T.U. Joseph Endowment for the best student in II M.Sc. Botany.
2. Prof. Mathew Zacharia Endowment for the best student in I B.Sc. Botany.
3. Fr. Aquinas Endowment for the best student in I M.Sc. Botany.
4. Prof. M.M. Appachan Award for the best student in III B.Sc. (Theory).
5. Prof. Kurian Joseph Endowment for the best project work in M.Sc. Botany.
6. Elamthuruthy Mathew Theresiamma Award for the best student in III B.Sc. Botany, instituted by Prof. E. Zacharias Mathew.
7. Prof. Mathew Zacharia Endowment for the best student in II B.Sc. Botany, instituted by Mrs. Elizabeth Zacharia.

### **Department of Zoology**

1. Prof. Fr. John Berchaman's Jubilee Memorial Scholarship for the best student in III B.Sc. Zoology, instituted by the management.
2. Fr. Theobald Scholarship for the best student in II M.Sc. Zoology instituted by Pothanikat family, Kothamangalam.

3. Mr. T.C. Mathew Award for the best student in II B.Sc. Zoology, instituted by his students & friends.
4. Prof. V.K. Joseph Endowment for the best student in I M.Sc. Zoology instituted by Mrs. Maya Joseph.
5. Mrs. Beena Pradeep Memorial Scholarship for the best student in I B.Sc. Zoology, instituted by Mr. Pradeep Nainan.
6. Prof. N. Appukuttan Endowment for the best student in II M.Sc, Zoology (Theory), instituted by the colleagues and students.
7. Prof. N. Appukuttan Endowment for the first in III B.Sc. Zoology (Theory), instituted by the colleagues and students.
8. Prof. P.V. Rappai, Prof. P.J. Joseph & Prof. M.J. Devasia Endowment for the best student in B.Sc. Zoology final who secures admission for higher studies in Biology, instituted by the staff and students.
9. Prof. K.S. Francis Award for the best student in B.Sc. Zoology for overall performance in curricular and co-curricular activities, instituted by Kochumalayil family.
10. Prof. K.E. Thomas Endowment for students who clear NET within one year after completion of P.G.

### **Department of Physical Education**

1. Prof. M.K. Abraham Endowment Award for the outstanding sportsman.
2. Prof. Peter Thomman Endowment Award for the outstanding sports woman.
3. P.T.A. Awards for the State & University Winning team members.
4. P.T.A. Awards for the members of M.G. University, Kerala State & National team.

### **30. Activities and support from Alumni Association**

Alumni association conducts annual gatherings. The cluster of Department Alumni Associations functions as college Alumni Association and meetings are held in a regular manner.

### **31. Activities and support from the Parent-Teacher Association:**

#### **Details of Open House with parents**

Parent-Teacher Association and the trustees of the Student Welfare Trust meet every month. The SWT has an annual budget to cater to the needs of deserving students. It makes an annual contribution to the co-curricular activities of the college and the physical education department. PTA of the college generously contributed for the conduct of various college programmes such as Sargapatham, Heartifest, Bartholomew tournament, Hridayasargasangamam, Youth Festival and medical aid. The SWT of the college also extended financial support the disbursal of scholarships and awards and for the youth festival.

### **32. Health Services:**

The Naval NCC Cadets of our college participated in the Blood Donation Camp conducted by Indian Medical Association at Maharajas College, Ernakulam. A total number of 120 students donated blood to the patients of various hospitals in Ernakulam during the academic year 2006-07.

The students of our college are made aware of personal and social health through various programmes of the college. A programme on "PROLIFE" was organized in the college through which students were given information on the ill effects of drug abuse and abortion. The Zoology Department organized a 'blood grouping camp' along with the AICUF unit of the college and Youth Red Cross Society.

Dr. C.M. Joy of the Botany Department is the chairman of Total Sanitation Health Technical support Group, Ernakulam District.

### **33. Performance in sports activities**

The Sacred Heart Physical Education Department has been dominating the University's sporting arena with an enviable track record. The college has emerged winners in 5 (Judo, Lawn Tennis, Table Tennis, Shuttle Badminton and Body Building) runners up in 3 (Volleyball, Wrestling, Chess, and Yoga) and the third position in 3 (Kabaddi, Weight Lifting and Basket ball) sporting events . 26 students represented M.G. University, 11 represented Kerala and 2 were selected to the Indian Camp. Anas H.,III B.A. Economics secured Gold Medal in the All India Inter University Body building championship.

The Bartholomew Memorial Tournaments with unbroken succession since 1945 – now in its 61st year – is our unique and proud legacy. The M.G. University overall runners-up in sports is the latest in the Departments string of glorious recognitions.

### **ACHIEVEMENTS - 2006-2007**

#### WINNER

- Judo
- Lawn tennis
- Table tennis
- Best physique
- Shuttle badminton

#### RUNNER-UP

- Volleyball
- Wrestling
- Chess
- Yoga

#### THIRD PLACE

- Kabaddi
- Weight lifting
- Basketball

The Volleyball men team were the winners of the following tournaments:

- Christ College Tournament, Irinjalakuda
- Fr.Bartholomew Tournament, S.H.Thevara,
- Bishop Tharayil Tournament, St.Stephans,Uzhavoor,
- Bishop Vayalil Tournament, St.Thomas Pala
- All Kerala volleyball tournament at Varapuzha
- MG University Volleyball championship (Runner up)
- George Paul Trophy, Nirmala Moovattupuzha (Runner up)

### **SERVICES OFFERED**

1. Conducting Summer Coaching Camps for school children.
2. Regular training for Volleyball, Basketball, Football, Cricket and Judo..

3. Fitness centre facilities.
4. Organizing district, state and university meets and tournaments.
5. Physical training to public for recruitment in forces like army, navy, air force and police.
6. Assistance for sports persons get job in various government departments.
7. Providing facilities and officials to conduct various tournaments.
8. Track and field, playgrounds, courts etc for hire.
9. Extend technical assistance for laying track& field, playing fields and courts.
10. The available sports infrastructure facilities are opened to the public

### **34. Incentives to outstanding sportspersons**

Physical Education Department has instituted the following incentives to the outstanding sports persons.

1. Prof. M.K. Abraham Endowment Award for the outstanding sportman.
2. Prof. Peter Thomman Endowment Award for the outstanding sports Woman.
3. PTA Award for the State & University Winning team members.
4. PTA Awards for the members of M.G. University, Kerala State & National team.

Boarding and lodging facility is being provided by the college to 55 students. Free food from the college canteen was arranged for two Volleyball players, two basketball players, one Chess player and one shuttle player.

Free coaching camps were arranged for forty students in games like Judo, Wrestling, Basketball, Cricket, Kabbadi and Shuttle.

Expenditure account of sports persons.

Canteen Expense	Rs. 2, 00000/-
PTA Awards	Rs. 4, 300/-
All Rounder Endowments	Rs. 1000/-
Athletic meet and regular	
Intercollegiate Tournaments	Rs 80, 000/-

### 35. Student achievements and awards

#### Achievements of the students

- The poems of Prabha Zacharias II M.A. English, have found their way in various periodicals, outstripping their mere campus tag.
- B. Lakshmi who is wowing audiences across the state after her tryst with stardom in Amritha T.V, aspires to be a music composer and hopes to combine her academic ambitions with art.
- Gayathri Varma, hailed as a new voice with huge potential, with 200 recordings and a playback singing – ‘June Aaru’ (Tamil) –and a National Inter-University Youth festival win in her kitty, is likely to scale many more dizzying octaves in her musical career.
- Sanjose, III B.A. Sociology is the first prize winner at the HSS State level as well as Dr. P.C. Alexander Endowment All Kerala Competition (both English and Malayalam). He is the state secretary of KCYM and vice president of KENA (Kerala Environment and Nature Association).
- Nandini Nair of first year B.A. Economics won the first position in the Inter- University Painting Competition.
- Sgt. Aisha Kareem attended All India Mavulangar Shooting competition held in Azanzol, West Bengal and won 10th position in the National Level Competition.
- CSM. Sreejith attended National Integration Camp in Delhi.
- Lcpl. Dhanesh Kumar attended RCTC conducted in Gwalior, M.P.
- Suo. Pappun P.S. was selected for 12 days Indian Military Academy Attachment Camp in Dehradun

CQMS. Rajesh T Das attended National Integration Camp held at Kolaghat , West Bengal.

- In the food competition held at our College Sri Baiju and Shiraz won the first prize and Ms Smisha the second prize. Ms Arya came third.

- Mithun Varghese and Dhanush Antony have been selected to the New Force constituted by the city police commissioner.

- Around 200 students of our college have taken part in the Hindi Pretest conducted by the Hindi Prachar Sabha.

- The students of the Commerce Department won the First position in three inter- collegiate Cultural Festivals, and were runners up in four. Six students of the B.com degree batch (2004-2007) cleared the C.A. intermediate examination.

- The English Department emerged winners in the first ever Intra-mural Cultural - Hrdaya Sargasangamam held in October 2006

- The students of the Sociology department prepared a manuscript magazine titled "Cloud 9" under the supervision of the teachers.

- Our college won the first prize in the Prof. P.J. Joseph Memorial Intercollegiate Science Quiz Competition organized by the Chemistry department.

- Students of the Zoology Department prepared 'Acta Zoologia' the wall magazine on 'Recent Discoveries on Human evolution' & 'The Amazing Animals" The Zoology Department won the second prize – for the manuscript magazine 'FOSSILIS' in the intercollegiate competition (ZOOFEST) organized by the Zoological Society of Kerala.

### **Rank Holders 2006-07**

<b>NAME</b>	<b>SUBJECT</b>	<b>RANK</b>
R. Anupama	M.Com	First
Deepa Mary Joy	M.Com	Second
K.Padma Nandan	M.Com	Third
Teena. P. Varghese	M.Sc. Chemistry	First
Sangeetha Cynthia Lionel	M.Sc. Applied Chemistry	First
Lucy Rajakumari	M.Sc. Applied Chemistry	Second
Soumya Soman	M.Sc. Zoology	Second
Soumya Murali	B.Sc. Botany	First
Rose Jacob	B.Sc. Chemistry (General Chemistry)	Second
Deepa.P.S	B.Sc. Industrial Chemistry	First
Roopa.R	B.Sc. Industrial Chemistry	Second
Sujith.K.S	B.Sc. Industrial Chemistry	Third
Anju Tresa Thomas	B.A. English Copy Editor	Second
Vrinda Varma	B.A. English Copy Editor	Third
Anjana Shetty	B.Com	First
Pooja.P. Sarathy	B.Com	Third
Vidya.V.Pai	Sociology	First
Sanjose.A.Thomas	Sociology	Second
Alphonsa Kurien	Sociology	Third

### **36. Activities of the Guidance and Counselling unit:**

The Career Guidance Centre aims at making students career oriented. To facilitate this, the Centre maintains a career library and provides motivation

programmes to students. The Career Guidance Centre organized a one day seminar on 'Personality Development and Communication Skills' on 11-11-2006 for final year students and another one on "How to Face an Interview and How to Take Part in a Group Discussion" on 25-11-2006. The centre keeps the students informed of various career programmes in the city and encourages them to take part in them. It subscribes to 17 periodicals dealing exclusively with career matters.

### **37. Placement services provided to students:**

The number students of our college who gained placements through campus recruitment in various companies is as follows

1	Google	7
2	Infosys Technologies Ltd	20
3	HSBC	1
4	B2K (U. S. Based BPO Company in Bangalore)	3
5	Sutherlands Global Services	6
6	Fidelity India	20
7	EVM Honda PVT.Ltd.	6
8	IBM	8
9	Ford Motors	6
10	ICFAI	9
11	GENPACT	6
12	Wipro	2
13	TCS	1

A near 100% placement for the final B.A. Copy Editor batch has been a singular achievement that has given a tremendous boost to the morale of the stake holders.

### **Firms visited during this academic year**

<b>Sl. No.</b>	<b>Name of the organization</b>	<b>Nature of Business</b>
1.	Google. com	Information
2.	Infosys Technologies Ltd	IT
3.	Sutherlands Global Services	ITES
4.	Genpact (Subsidiary of GEC)	ITES
5.	HSBC	International Banking
6.	B <sub>2</sub> K	A US based BPO company at Bangalore
7.	Fidelity Investments	Financial BPO
8.	EVM Honda Group	Automobile
9.	MRF Ltd	Tyre manufacturing
10.	SANAH Group	Division of Infozone Inc (Oracle)
11.	ICFAI	Education
12.	N-Rich Management success solutions Pvt. Ltd.	Shipping

### **38. Development programmes for non-teaching staff:**

The Establishment Staff Association has instituted Fr. Melesius Scholarship in the College. The ESA Students Educational Scheme is providing financial help to the educational needs of eight children of the non-teaching staff. A Computer Training Programme was extended to all the non-teaching staff of the college in the month of February 2007. A chit fund has been initiated by the members of the ESA in the year 2007. An annual tour to Athirapilly was organized by the members of the ESA on 11-3-06. The annual get together and dinner was held on 28-3-06.

### **39. Healthy practices of the institution**

Every year, most of the departments of the college are conducting seminars and invited talks and also distributing scholarships to the students in commemoration to the retired teachers.

- The tutorial sessions of the college are meant to serve as a forum where students can offer suggestions for the over all improvement on the campus. The college Governing Body and staff takes special interest in maintaining a sound value system within the campus community and the students are given ample opportunity to develop their personality.
- The Oriental Language Department took lead in organizing a multi - religious prayer session when the first degree and first PG classes began. The Literary club organized a film appreciation programme with the able assistance of the Oriental Department. In connection with the Golden Jubilee of "Kerala Piravi" the Oriental Department actively participated in the "Keraleeyam" exhibition and organized a quiz competition on Kerala Culture.
- The Golden Jubilee celebrations of the Kerala Piravi was celebrated with due decorum and gaiety by the campus with a variety of cultural events with inputs from various clubs. The events that captivated the audience included Keraleeyam Exhibition, Malayalam Quiz, Kerala Dance, and Music Performances, Traditional and Modern Kerala Costumes and Marital Arts Display. Two songs composed by B. Lakshmi with lyrics by Shyam Krishnan and Abin Thomas was indeed the icing on the cake.
- The English department co-ordinated a national short video film festival in June. The department also conducted a few "Career build" sessions for the degree students with the participation of invited professionals. The certificate course PEP offered by the department under its project Eng Power initiative and the training for BEC, met with enthusiastic response. PEP (Project Eng Power) classes, NCC classes, Janaparvam Rural Uplift Programme sessions etc stem from a strong impetus for helping all aspirants to "breathe easy "in English.
- The Sociology department organized Freshers' Day at the beginning of the academic year. The department organized a trip for the final year students. By making students aware of the social happenings and social events a social consciousness is created among the students of the college.

- The students of the Sociology department exhibit on a regular basis, news items, photographs and paper cuttings, on relevant topics on the notice board.
- The Commerce Department holds open discussions before arriving at any decisions. Anti-plastic campaign and Cycle expedition were conducted by the NCC Army wing of the college.
- Department of B.Com - Computer, operating on the self-financing mode has completed its third year. The final year students went on a study tour to Ooty and Marayoor from November 21st to 24th, 2006.
- The Mathematics Department is conducting 'Remedial Classes' for the weak students of first and second year degree classes. The Mathematics Association arranged a career guidance programme by the famous IT Group NIIT on 20th October 2006. On 18th November 2006 the Mathematics department conducted a cultural fest "Zero Day" to provide a forum for budding artists of the Maths department. On that day they published the magazine "Expressions".
- Prof. W.T. Paul of the Mathematics department took classes for the first year students under the Basic Maths Learning Programme (BMLP). The objective of this programme is to enhance the numerical and arithmetical abilities of the students and to improve their performance in competitive examinations.
- The Physics department organized an annual get together - "FUSION" for the students of BSc and MSc Physics on 26th January 2007 in the college auditorium.
- In tune with the times the Botany Department has mooted specific recommendations and suggestions for enhancing the employability angle of the students. The team led by the H.O.D. Dr. V.J. Dominic, Dr. M.S. Francis and Dr. Joy. P. Joseph has shown the way to remodel the vintage syllabus. The Botany department is celebrating the Golden Jubilee (9-11-2006 to 9-11-2007). The Flora Fest – the cultural get together of the Botany department was held on 25-11-2006. The Botany Department conducts regular meetings and evaluation as part of their best practice.

- Planning is done in the Chemistry Department through meetings held every month in the Department.
- The department of Chemistry and the institute of management studies (IMS) at Kaloor jointly organized a career oriented programme for the degree students. "Chemifest" is the unique festival of the department and the programme consisted of cleaning activities and cultural programmes. Chemifest aims at developing a better understanding, interpersonal skills, a sense of dignity of labour and service mentality. 'The tenth Prof. P.J. Joseph Memorial intercollegiate Science Quiz Competition' was conducted on 5th December 2006.
- The Computer Science Department provides vacation classes for school going students. Computer coaching classes are conducted for the non-teaching staff of S.H. College.
- The Aqua Food Fest - 2006 was conducted on 15 November 2006. There were 245 participants. The Aquaculture students also visited field farms and factories.

#### **40. Linkages developed with National/International,**

##### **Academic/Research bodies**

The English Department entered into MOU with British Council and Sutherland Global Services. As per agreement at least ten students are to appear for Business English Certificate every year. Sutherland and Global Services would give support to English Department initiative PEP (Project Eng Power).

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

Programmes such as Janaparvam, Mangrove conservation project, Hrudya Sarga Sangamam, Sargapadham, Heartifest, AquaFood Festival, World Environment Day celebration are unique activities in this college.

## **Part C: Detail the plans of the institution for the next year**

In tune with the changing academic perceptions, our focus now is to incorporate the latest trends in technology in the process of teacher – student interface, which will help them to face the challenges.

- The Oriental Languages Department is trying for a Three Language Main Degree Course in the college. They plan to conduct a Comparative Literature Seminar in the coming year.
- The Economics Dept. is planning to extend 'Janaparvam' to the remaining wards of Maradu Panchayat.
- The Sociology Department is planning to introduce innovative teaching methods and scholarships to economically weaker sections of society.
- The Commerce Department plans to conduct two National Seminars in 2007-08.
- The Mathematics Department is planning to conduct a Workshop for the Plus two teachers in the coming academic year.
- The Chemistry Dept intends to strengthen the Research Facilities with modern equipment, molecular modelling software etc. and development of Animated Presentation. As technology aid is another aim a long with the continuation of CAP and PRAP and training for National Level Examination NET, GATE etc.
- The Botany Dept. has an array of programmes scheduled for the coming academic year like lectures, quizzes, seminars, and exhibitions. The Botany Dept. plans to conduct short term course in advanced fields of Botany and M.Phil Course.
- Computer Science Department is planning to conduct an IT Exhibition and Quiz Competition. A blood donation camp is also being planned.
- Future plans of the Zoology Department
  - Training on computers for B.Sc. students Personality development and skill development programme for students

- Short term courses on Spectrophotometry, PCR-technique, and Electrophoresis for P.G. level students
- Department of Physics plans to conduct
  - Workshop on Laser Experiments - Subject Expert: Dr. Reji Philip (RRI)-For P. G. and U.G. students.
  - Seminar on Blackholes or information loss in Blackholes & Entanglement – Prof V.C. Kuriakose (CUSAT)
  - Workshop on Renewable Energy – Dr. George Peter Pittappillil
  - Mithradam Visit by P.G. and U.G. students
  - The Physics laboratory will be kept open for High school students.
  - The projects of III year B.Sc students and instruments they study in theory will be exhibited and their working will be explained by the students of U.G.classes.

### **Other Plans**

1. A Bridge course is being arranged for P.G. students to improve their ability to handle Mathematics as a tool.

Towards NET and JRF

2. Continuous coaching is being spread through out the course to motivate students to attempt NET, JRF examinations and towards research.

For the benefit of S.C / S.T. students

3. To bring SC / ST students into the mainstream proper guidance will be given after interaction with students.

Management Governing Council, College Council, IQAC, Departments and other bodies like Parent Teacher Association, Student Welfare Trust have taken part in the planning of the academic year. Dates and plan of action for the conduct of seminars, workshops and conferences, *Sargapatham*, *Hrdyasarga-sangamam*, *Heartifest*, Programmes for *communal harmony*, *Aqua Food Festival*, *World Environment Day celebrations*, Annual day celebrations, Armed Forces Flag day celebrations, All India inter collegiate festival-*Tandav*, activities of the departments, clubs and other sub units, Quiz competitions, Tutorial systems, Renewal programmes for teaching and non teaching staff were done, at the

beginning of the year and the responsibilities were entrusted with concerned teachers, students and staff. Implementation of these programmes will be monitored and documented by the IQAC of the college.

Dr. C.M. Joy

Coordinator, IQAC

Dr. Johnson Palackappillil

Chairman, IQAC