

# **SACRED HEART COLLEGE, THEVARA, KOCHI**

## **ANNUAL REPORT 2011-12**

Into its 68<sup>th</sup> year of existence, Sacred Heart College proudly presents the report of its efforts in fashioning an enlightened society founded on relentless pursuit of excellence, a secular outlook on life, a thirst for moral values and an unflinching faith in God, with the motto: A righteous heart seeks after wisdom.

The thrust in this regard was on planned team effort for which a core team comprising members from all departments gathered together and chalked out the programmes for the entire year well in advance, with key strategies spelt out and approved by the Internal Quality Assurance Cell.

Some of the salient features of our 16 point strategy of providing an environment that facilitates holistic development, help nation building and instill a concern for the natural environment were:

1. At least one social exposure for each student
2. Involving alumni in social exposure programmes with the students
3. At least one environment maintenance involvement of the entire department
4. Each association to take up at least one day of observance involving all
5. Each talent club to organize at least one programme involving or open to all

A good many of those targets have been achieved and a perspective plan reaching up to the Platinum Jubilee in 2019 has been created.

The key strategy of ‘communication for communion’ was maintained through the electronic channels, PA system, Notice and Electronic Display Boards, internet and regular as well as ad hoc meetings for ensuring communication among various stake holders.

The college re-accredited at A+ level, and having the coveted status of a Centre with Potential for Excellence by UGC, has submitted its self study report for reaccreditation and is awaiting assessment. The current student strength is around 1900 students in 11 UG & 10 PG programmes, and in the 6 centres of doctoral studies under MG University with 34 research guides attached to them. The majority of the students of the college fall in the lower economic

strata of the society, and almost 75% of them receive some scholarship or other from government or various other agencies.

The faculty strength at present is 100, with 19 of them falling under the self-financing section. Besides, there are 13 guest faculty members as well. There was an addition of 6 faculty members this year – 4 in English, and one each in Commerce and Economics. On this occasion, the college remembers with gratitude the committed and timely service of the many guest faculty members during the past one year and Prof. Shiju of dept. of Mathematics, who left to join the government service and Dr. M. P. Joseph, of Physics department who resigned to take up an assignment elsewhere.

The staff involvement was ably facilitated by the Staff Secretary Dr. Joy P Joseph, Staff representative Prof. V.M. George, Gen. Council Secretary Prof. Sojan T.S., Office Superintendent Mr. V.A. Jose, Senior HoD Prof. P.J. Joseph, IQAC sub-committee coordinator Dr. C.M. Joy, Bursar Rev. Fr. Jobi Xavier CMI who has joined Christ University on a new assignment, and the present Bursar Rev. Fr. Georgekutty CMI. Prof. P.J. Joseph also held the additional charge of Vice-Principal for the academic year.

**CORE VALUES:** The college in its tireless pursuit of academic excellence, tries to strike a delicate balance between the two other core values of creating a secular outlook, and having an unflinching faith God as the foundation for development. The year began, as usual, with solemn inter-religious prayer and separate orientation sessions for the new comers and their parents. A special mass was held for the new comers led by the Manager. The tradition of starting every day, and every programme remembering God's name and the need for divine grace is maintained. Being a Christian minority institution of the Syrian Catholic community, the duty of maintaining the religio-cultural traditions and values is conscientiously kept by efforts like monthly Holy Qurbana (Mass) for Christian students with each department taking turns in organizing it, prayer group of Jesus Youth, involvement in the activities of International Federation of Catholic Universities (IFCU), Xavier Board of Higher Education and All India Association of Christian Higher Education (AIACHE) etc. There was a one day renewal retreat for all the students being divided into two sections led by psychologist Rev. Fr. Paul Pottackal CMI. A half day orientation programme was given to the III DC students regarding the value of life by an expert group. In grooming them for excellence, the III DC students were exposed to an array of possibilities in future, and given special training in interview skills and preparation of

CV etc. with career guidance cell playing an active role. Faculty members were sent for training in soft skills which could in turn be imparted to the students. A soft skill and mentoring training programme for the new faculty members is scheduled. Renewal retreats were organized for teaching and non-teaching staff separately.

**EQ:** In order to facilitate overall personality development, an MoU was signed with Human Resource Development group called Samanwaya. A trained resource person was available for student orientation and counseling to help the students to discover their self.

The college found itself with the tough task of sustaining the go green agenda, in spite of the increasing threat of solid waste management on account of the irrevocably changing consumption patterns. Hence special guidelines have been formulated for programmes on the campus to be in tune with the 'go green' campaign. The college, under the leadership of nature club, actively involved in the *suchitwa bodhana yajnam*, led by Dr. George Pittappillil CMI, the director of its extension centre Mitradham, in the 15 year campaign for a clean city.

A new development in the social outreach has been the initiative of the Mathematics department to gather together all Maths educators of the various educational institutions of the CMI Kochi Province, to formulate strategies to impart Maths education in a manner that fits the culture and social values. For this purpose a text book is envisaged and the leadership is being given by Prof. Sebastian of Maths department. This model is sought to be replicated by all science departments in close collaboration with the education department of CMI Sacred Heart Province.

**IQAC:** Towards this Internal Quality Assurance Cell played a pivotal role as envisaged by the UGC in planning, implementing and evaluating programmes based on the goals of the organization. A full time professional assists the documentation process. It successfully completed all annual quality assurance reports (AQAR) and guided the process of submitting the self-study report for reaccreditation involving all the staff members, and with special assistance from English Department. It functions with the representative involvement of all stake holders, viz., students, staff, parents, alumni, local community, state, management, the world of employment and legal system. IQAC presented papers and represented college in various workshops and seminars, within the state and beyond.

### **New Facilities on the Campus**

In spite of the severe space constraints the following new facilities were added through various modifications of the infrastructure:

1. A long time dream – Women’s hostel has become a reality, with UGC support of Rs. 80 lakhs and total cost of 2.14 crores. It can house 80 residents.
2. Addition of one more bus to the college.
3. Students’ cum Community centre with sufficient facilities for meetings and training for the community.
4. A state of the art gymnasium
5. A recreation centre, RENDEZVOUS, for the staff recreational purposes.
6. A new heritage museum with the guidance and exhibits from National Museum Delhi.
7. A modicum guest facility
8. A health centre on the top of the gymnasium
9. A yachting and rowing area (under construction)
10. Napkin vending machine and an electronic incinerator
11. Enhanced canteen facilities under the supervision of staff welfare society.
12. A full-fledged browsing and reprographic centre for the campus
13. A brand new EDIT centre for English copy edit programme
14. UGC Network resource centre
15. A digital library with the support from MP funds of Prof. K.V. Thomas
16. Tiled floor for the III storey.
17. A new entrance for the college with stress on safety and aesthetics

The College **Union Council** was elected on Oct. 14<sup>th</sup>, 2011 with the panel led by the charismatic Mr. Krishnadas as chairman getting all of the elected posts. The Oath taking ceremony was on 18<sup>th</sup> October 2011. The official inauguration ceremony of the College Union 2010-11 was on Dec. 9<sup>th</sup>. Cine artist Mr. Pakru, the chief guest, inaugurated the function. The students’ union took creative leadership in organizing the in-house programme of talent test – *hrdya sarga sangamam* on Dec 12, 13 and 14, Heartifest, a few TV shows, and a film festival DRSYA on Feb. 17<sup>th</sup> showing three movies. The union played an active role in rendering the necessary assistance and support to the 100 odd participants in the University Youth festival – SARGODAYAM 2012 held at Thiruvalla from 29<sup>th</sup> Feb. to March 4<sup>th</sup>, leading to the rare achievement of overall 3<sup>rd</sup> position at the university level. The arts club was inaugurated by the cine artist Baburaj and there were programmes by our students in the afternoon.

The students' council had a greater women presence this year, with the arts club secretary and a PG representative being women. The council also took creative leadership in organizing a meal with the neglected and aging members of the old-age Home at Thevara on Christmas day, and a solidarity march for the cause of Mullaperiyar on January.

The council members were:

Chairman – Krishnadas Ashok  
Vice Chairperson – Sruthy S.  
General Secretary – Rehil Raj A.R.  
UUC – Jayadevan C.A.  
Arts Club Secretary – Dolgy Paul  
Magazine Editor – Afthab  
Lady Representatives – Keerthy C.C., Jwala

**Class representatives:**

1<sup>st</sup> Year – Balagopal  
2<sup>nd</sup> Year – Jayson Williams  
3<sup>rd</sup> Year – Manu Thambi  
1<sup>st</sup> PG – Deepak  
2<sup>nd</sup> PG – Lally Padmavathy

Their involvement and initiatives were ably guided and facilitated by the Advisor to the students' council Dr. V.S. Sebastian, who substituted Prof. Alphonse Ligor, who was relieved from the task for completing his higher studies.

**PTA**

The Principal Rev. Dr. J. Prasant is the ex-officio President, Mr. D. Thomas acts as the vice president, and Prof. V.M. George as the secretary of the association. Monthly meetings are held on every second Thursdays to discuss the various activities of the college including *Sargapatham*, *Hrudya Sarga Sangamam*, *Heartifest*, Youth festival, Bartholomew Tournaments, various seminars, exhibitions and workshops. PTA supported all the programmes both morally and financially. Special financial aid of about Rs. 61, 339 is given to poor students. A Photostat machine was installed in our college with the financial support of PTA this year.

## **Tie Ups and International Collaboration**

In tune with the global development goals, especially of promoting cooperation and collaboration for development, the college has entered into various tie ups for nation building and overall development of the students. They are:

1. Research agreement with Coconut Board led by Botany department
2. Preparation of syllabus for IGNOU curriculum on traditional and affordable treatment under the guidance of Fr. Aji Baba
3. MoU with Samanuwaya for student counseling
4. MoU with Sangeeth Nataka Academy to provide music and dance training on the campus
5. MoU with ..... for providing on the job skills in accounting for the commerce students
6. MoU with Nihon Fukushi University, Japan for student and faculty exchange

## **ACHIEVEMENTS**

### **Unique & Inter-disciplinary Programmes**

INSPIRE 2 – This major inter-disciplinary venture was anchored by Physics department involving Chemistry, Botany, Zoology and Mathematics and benefitted 300 students of the various Higher Secondary Schools of the town.

National Seminar on Radiation – with the support of National Association for Awareness on Radiation and Radio-isotopes in Industries, Mumbai, an ancillary voluntary organization of BARC, an awareness seminar on the beneficial aspects of radiation and radioisotopes was held for two days in February (14-15). It had a participation of students, staff and general public of about 500. Chemistry and Physics department led the show.

Paddy cultivation – to promote organic farming and to inculcate a sense of agri-culture among the students and as a symbolic commitment towards safe food and food security.

Launch of Heartian Alumni International – Fr. Principal's visit to the US led to revitalizing alumni activities abroad culminating in the launching of HEARTIAN ALUMNI INTERNATIONAL on Oct. 8<sup>th</sup> at a meeting of the alumni in Houston.

HEARTIFEST 2012 – JANUSH – The planning decision to scale up HEARTIFEST to make it a public event (a cultural feast for the local community as well as the alumni) was executed with

aplomb. It was attended by a large number of alumni and a crowd almost 5000 enjoyed the cultural fiesta prepared at the illuminated lake view grounds. The programme was executed under the leadership of the staff secretary Dr. Joy P Joseph, with active involvement of the students' council and the various cultural and talent clubs.

### **Publications**

In enhancing communication the college and its various departments have brought out various bulletins and magazines. HEARTBEATS the bi-annual college news bulletin is ably guided by Prof. Jose Varghese and the English team of staff and students. The students' council brought out, as usual, a magazine with a difference 'Version 3.0'. Other major publications were Zoologia – Zoology news bulletin, Zoovenir – golden jubilee souvenir of Zoology dept, Botanica of Botany Department, Oikonomia of Economics department and YaCy 2012 of computer department and CHEMIA of Chemistry Dept. commerce department brought out a news bulletin CAVEAT EMPTOR, and a magazine Mindlore.

Heartian Journal of Pure and Applied Sciences and S.H. Journal of Humanities and Business Studies are the two journals of the college.

Staff members have had publications in local newspapers, and national and international journals, besides some of them bringing out popular as well as academic books in their fields of expertise.

The college BLOG – HEARTBYTES has become a very active blog with several postings read with hits across the globe.

### **Ranks:**

### **Lectures & Talks**

### **Presentations**

National :

International :

Academic Visits & talks abroad : Five faculty members and one student

### **Campus Guests:**

### **OBITUARY**

From the heartian community a few have bade good bye this year. We remember them with gratitude and surrender them to the source of eternal peace.

Prof. T.U. Joseph, Botany

Prof. Aravindakshan Kartha, Chemistry

Prof. T.M. Paul, Malayalam

Mr. P.T. Eeshi, Chemistry

Mr. Prabhu Prakash of M. Sc Aqua Culture

### **Department of Economics**

Department of Economics has made some remarkable achievements both in curricular and co curricular activities in the academic year 2011-12. Students of the department topped in the BA and MA results of the M G University. Mr. Soney Sunny has won the first rank and Ms.Thasneem Azeez the fourth rank in the BA degree programme in 2011. Ms. Sheeja Thampy has won the third rank and Ms.Roshni Thomas the fourth rank in the MA programme in economics in 2011.

The Annual General Body meeting of the Economics Alumni Association was held on October 2<sup>nd</sup> 2011. Prof.S.Harikumar, Professor, Department of Applied Economics, Cochin University of Science and Technology was the Chief Guest. The activities of the economics Association was inaugurated by Prof. Aravindakshan, former principal, Maharajas College on August 19<sup>th</sup> 2011. The department obtained a UGC aided foundation course on Human Rights during the academic year 2011-12. The course was formally inaugurated by Rev Sr.Dr. Helen A P, Principal, St.Terasas College on August 17<sup>th</sup> 2011. ARTHA KRANTI a Mumbai based NGO presented an alternative plan for the Indian Economy on August 24<sup>th</sup> 2011. The department in collaboration with L& T company had launched a health awareness campaign in the 58<sup>th</sup> and 59<sup>th</sup> wards of Kochi Corporation. Around 150 mosquito nets were distributed to the families of students of various Anganwadies in the above Wards. Dr. P.E Cherian was the coordinator of the programme. Under the Village adoption scheme, the department continued the innovative programme (JANAPARVAM) to enhance the quality of life and integrated development of poor people in Maradu Panchayath. We have initiated the programme with the involvement of students and teachers of various departments of the college. Special Lab training was given to students of 10<sup>th</sup> standard of Maradu Government School. Dr.V.T.Jose is the coordinator of the



JANAPARVAM programme. The objective of the programme, extending over a decade is to provide quality education to U.P and High School students

Prof.D.K Mathur, Curator, National Museum, New Delhi, gave lecture on the activities of the National Museum on June 20<sup>th</sup> 2011. Another landmark in the activities of the department was the inauguration of the Community Museum on National History in the College. National Museum Delhi has provided technical support and artefacts for the community museum in the college. Prof.Alphons Ligori and Dr.Sibi Zacharias coordinated the programme. Rev.Dr.Elizabeth Williams delivered a lecture on the African education system on December 9<sup>th</sup> 2011. Prof.Santhosh Mathew, Assistant Professor, Pondicherry University gave a talk on the role of media in policy making on January 13<sup>th</sup> 2012.

Prof.W.T.Paul of the Mathematics Department has taken 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 career guidance forum had a special focus on students of economics this year. A career seminar and aptitude test for economics students were conducted by TIME.

The department in collaboration with the Sociology, Aquaculture, Botany and Zoology departments of our college and with the active co-operation of Kochi corporation has conducted a socio-economic survey of the 58<sup>th</sup> and 59<sup>th</sup> wards of the corporation. The objective of the survey is to help the urban local body to identify the priority areas in decentralised planning. Dr.P.E.Chcrian was the co-ordinator of the programme. The department completed the project and submitted the final report to the principal. The report was presented to the academic community. Final year BA economics students visited the government old age home, Thevara and had organized a cultural programme for the inmates. They had provided lunch and chappals to all the inmates of the old age home.

Prof.Sibi Abraham was awarded a minor research project from the UGC during the academic year. The department is having UGC's one major research project and two minor projects at present. Ms.Agile Joy joined the department as a permanent faculty member in December 2011.

The department has also organized various skill development programmes for the final year students in economics. The civil services study circle also plays an important role in

enhancing the competitiveness of students. Dr.P.E.Chерian is the coordinator of the Civil Service Circle. Mr.John Arogyaswamy of final year BA Economics has won the first prize in the paper presentation contest organized by Christ College, Irinjalakkuda. Ms.Charutha S of I BA Economics has won the second prize in Mohiniyattom in the M G University Youth Festival 2012. Mr.Vinoop S Manoharan of II BA Economics, was selected to the Under 21 Indian Cricket Team. Mr.Sujithluttan of IBA Economics has won the first prize in the 100metres and 200 meters competition in the M G University Athletic meet.

The department organized an International seminar on Nuclear Energy: Challenges for the 21<sup>st</sup> Century on February 16<sup>th</sup> 2012. Prof. Saitto Chihiro, Dean, Faculty of International welfare at Nihon Fukushi University was the Chief speaker. Prof.G.Gopakumar, Professor Emeritus, University of Kerala delivered the Keynote address. Dr.S.Muraleedharan, an eminent environmental economist also spoke in the seminar. Participants from Japan, Belgium and neighbouring colleges attended the seminar.

The department also coordinated the cultural exchange programme between Nihon Fukushi university and Sacred Heart College, Thevara. The college also signed an MOU with Nihon Fukushi University, Japan for the future exchange of students and faculty. Dr.Sibi zacharias was the coordinator of the programme. Ms.Aya Sasaki, Department of International Economics, Kumamoto Gakuen University, Japan has undergone training in the various aspects of Indian economic Development at the Department of Economics, S.H.College, Thevara during the period August 22<sup>nd</sup> to September 2<sup>nd</sup> 2011.

### **Department of English**

Glad tidings awaited the department of English at the beginning of the year in the form of a I Rank and III rank in BA English Model II degree examinations. Ms. Reshmi Raghuraj and Ms. Diana Joseph who bagged the I and II ranks respectively will be remembered as the last of our rank holders, since the University has discontinued the practice of awarding ranks at the degree level. The BEC Training Programme has been successfully stream lined by Dr. Francis C.S. and the results of the 2011 June Examinations have been commendable. Besides the routine programmes like freshers', and association inauguration, the English Association conducted a host of programmes. The students of final year went on a campaign against Child Labour in the

locality. Seminars on film studies and research methodology were conducted for the PG students who were also given a NET preparatory class by an external faculty. On November 14<sup>th</sup> the department organized an International Workshop on Critical thinking for college teachers and students. The resource person Ms. Alboszta was from the University of Oregon, US. On February 4, a workshop on creative writing was conducted by Mr. Surendran Roy Chaudhery for students and teachers. Two endowment lectures for UG and PG students and the much sought after Rev.Dr. Daniel Thottakara national Seminar will be conducted before the end of the academic year. The Department offered a course on Post colonial Indian Literature for a German student who was in the campus for two months. The first ever English meet was held on February 25<sup>th</sup> which turned out to be a celebration of times past and present. The department bagged the runners-up trophy in the Hrudya Sarga Sangamam. The BEC results made the department proud, but the high light of the year was the induction of four faculty members. The Department is poised to grow from strength to strength in the years to come.

### **Department of Oriental Languages**

The oriental language department which comprises of Malayalam, Hindi Sanskrit and French has 3 permanent faculty and 3 guest faculty.

#### ***Activities***

A seminar on the World of Media - Challenges & Prospectus by Mr. Sahadevan on 26<sup>th</sup> July 2011.

A talk on the literary critic & social activist Azhikode by Prof. M. Thomas Mathew was held on 2 February 2012.

#### ***Faculty Improvement***

Our faculty attended various National and International Conferences.

- Prof. Kuriakose Alexander and Dr. K.B. Sreekanth attended a National Seminar on Dalit Chetna in Hindi Novels on 11<sup>th</sup> and 12<sup>th</sup> August 2011.
- Prof. Shoba Liza John attended an International Conference in Madurai on Francophone studies from 15-19 February 2012.
- Prof. Shoba Liza John attended a Seminar cum workshop on Accessibility & Equal opportunity.

#### ***Clubs & Associations***

Our faculty acts as the co-ordinator of various clubs such as Music & Dance club, Editors club, Literary club, NSS, The editors club under Prof. Mathew Jose organized a training on video editing from 6<sup>th</sup> – 15<sup>th</sup> February 2012.

Our department offers remedial classes for students.

Thus the oriental languages department assists the college in organizing cultural activities like youth festival Hridya sarga sangamam, Hrudyanjali, Heartifest etc.

### **Department of Sociology**

The Dept. of Sociology continues its meritorious functioning with the following activities:

- 1) Debate on the topic-‘Are Women Responsible for the Atrocities Against Women’ on 05-02-2011
- 2) Seminar on the topic-’Socio-psychological Impact of Displacement’.
- 3) Fr. Abraham Kallarakkal Inter National Seminar, “Sociolouge 2011” on Nov 1<sup>st</sup> 2011 on the theme –‘Ethics and Free Market in the Globalised World’.
- 4) Arun Memorial Quiz Competition on 08-02-12.
- 5) Shivani Prabhu & Devi Deviraj have secured IInd and 10th Rank respectively in the M G University Examinations in April 2011.
- 6) Students of sociology attended various seminars, workshops and discussions organized by agencies and institutes outside. They initiate the participation of students and faculty members in the All Kerala Sociological Conference on a regular basis. 22 students & two teachers attended this year’s conference at Kerala University Campus, Trivandrum from 16-10-2011 to 18-10-2011.
- 7) Part of their welfare activities, the volunteers of sociology undertake a programme of collection of food packets from students of various departments & distribution of it to the street beggars in Ernakulam city on every Tuesdays. This is conducted in collaboration with organizations such as Social Awareness and Action Forum (SAAF) & Love and Care.
- 8) It is proposed to organize the ‘Sociofest’ - a one day festival of sociology on 10 -03 - 2012.
- 9) The Association of Former Students of Sociology (A F S S) functions effectively to continue and strengthen links between the alumnities.

## **Department of Commerce**

### **Dept. of B.Com Computer Applications**

- The activities of the Commerce Association was inaugurated by Mr. Stanly Kunjippalu chartered accountant on 28<sup>th</sup> July 2011.
- A Study tour was conducted for the I year students by the department to Mithradam – A renewal energy centre in July 2011.
- The annual alumni meeting of the department was conducted on 15<sup>th</sup> August 2011. 30 alumni have participated in the meeting.
- A road safety and Trauma care awareness programme was organized for the students on 6<sup>th</sup> December 2011. Mr. Thomas George Rtd., S.P., Mr. Sasidharan, Manager FACT, Mr. Ramakrishnan, Manager Cochin Oil Refinery were resource persons.
- In the campus recruitment conducted for the final year students by the Digital Nirvana Information System (Pvt.) Ltd. on 24<sup>th</sup> February 2012. Five B.Com Computer Application students got appointment.
- A demonstration on career and placement was conducted by the career launch for the second year students on 29<sup>th</sup> February 2012.

## **Department of Aquaculture**

1. New Batch: The eighth batch students joined by October 2011.
2. Result of Examinations: The results of the II and IV Semester Examinations were declared. In the fourth and final semester examination Miss.Jishna Ramakrishnan, Miss. Aswathy Raveendran and Mr. Shubin, secured I, II and III rank respectively.
3. Aqua Show: The Staff and Students participated in the INTERNATIONAL AQUA SHOW -2012 conducted by the Dept. of Fisheries, Govt. of Kerala and was awarded prize in best indigenous ornamental fish category.

#### 4. Visits

- a) Visit to boat building yard at Murikkumpadam.
- b) Fish market at Kadavanthra for market survey.
- c) Fisheries research station of Kerala Agricultural University, Puthuvypu
- d) Polyculture fish farm at Chellanam.
- e) Govt. Net Making factory, Ernakulam
- f) Fishing Village at Kannamali
- g) Research vessel *FORV Sagar Sampada* of the Ministry of Earth Sciences.

#### 5. Internship

Two weeks Internship starting from 2<sup>nd</sup> June, 2011 at the following Fish Processing Factories-

- (1) Torry Harris, Eramalloor (2) Cherukatt Industries, Aroor (3) Cochin Frozen, Aroor (4) Batson, Edakochi (5) Baby Marine, Thoppumpady (6) R. F Exports, Eramalloor (7) Innovative Seafoods, Ezhupunna (8) Innovative foods Ltd, Ezhupunna (9) Abad Fisheries Ltd, Aroor (10) Safa Enterprises, Kodungallore (11) Uniroyal Marine Exports Ltd

#### 6. Training

- (1) Inbreeding of fresh water fishes at Rosen Fisheries, Marthakara.
- (2) Training at CIFT in identification of bacteria found in seafood with respect to public health significance.

#### 7. Skill Development Programme

One day training programme was conducted in the preparation of fish pickle For the benefit of the public.

#### 8. Seminar

[al Dr. V.C. George attended a seminar on " Fish finding, navigation and detecting equipments organized by CIFNET.

[bl Mrs.Susmitha Simon attended a one day National seminar on "Initiation and innovation in ecotoxicology" conducted by Cochin University of Science and Technology .

[cl Dr.V.C. George and Ms Sangeetha.K.R attended a seminar on "Biosecurity in Aquaculture" organized by MES College, Asmabi.

(d) Mr.Bineesh.C.P.attended a National Conference on Biotechnological approaches in Aquaculture at Bharathiar University, Coimbatore.

### **9.Seminar conducted in the Department**

(a) Recent trends in boat construction in India by Shri M. Baiju, Sr. naval architect, CIFT.

(b) Exploitation of the resources of the Sea: the gift of nature by Saly. N .Thomas, Senior Scientist, CIFT.

(c) Ocean Management with special reference to fisheries by Dr Leela Edwin, HOD, CMFRI.

(d) Climate changes and its impact on Fisheries, by Dr.Kripa, HOD,CMFRI. (e) Biological Hazards in Seafood- Dr.Sanjeev, Principal Scientist, CIFT.

### **10. Achievements**

MS.K.R Sangeetha acted as pass board chairman

### **13. Publications**

Mr.Bineesh C.P presented two papers in the National Conference on Biotechnological approaches in Aquaculture, organized by Bharathiar University 1 to 3<sup>rd</sup> February, 20 11.

### **Department of Botany**

This year the Department of the Botany has passed the 54<sup>th</sup> year of its establishment and 27<sup>th</sup> year of the beginning of M Sc course.

This year's activities of the Department were started on 7th July 2011. The eminent environmentalist, Mr. C. R Neelakandan formally inaugurated the botany association activities for the year 2011 – 12. The Botany Association News Letter of the year 2010-11 was released on the occasion. Fresher's of the Department were introduced on the day.

The Department conducted a Mushroom cultivation training programme on 22<sup>nd</sup> July 2011. A sincere farmer and an expert in Mushroom cultivation, Shri. James Joseph was the resource person.

During the Malayalam month "Karkidakam", an exhibition of medicinal plants was conducted in the campus. The exhibition was formally inaugurated by the Principal, Rev Fr.Prasant Palackapillil. Students and faculty of different department witnessed the medicinal plant exhibition. More than one hundred and fifty different species of medicinal plants including the plants used in the preparation of "Oushadakanji" were included in the exhibits.

On 26<sup>th</sup> August our department distributed vegetable seeds and banana saplings to the students and faculty in collaboration with the Yashoram builders.

Onam celebration of the Department was held on 1<sup>st</sup> of September 2011. Association Co-ordinator Prof. Jacob Varghese welcomed the gathering. The head of the Department, Dr. V J Dominic gave the Onam message which was followed by the Onam sadhya. All teachers, students, non teaching staff members of the Botany department participated in the Onam celebration.

Sixteenth Ph. D from department was awarded to Mr. Ginu Joseph by the MG University for the research work carried out under the guidance of Dr. Joy P. Joseph

During the month of December students of Botany Department visited an old age home at Perumanoor, Thevara and celebrated Christmas with the inmates there by cutting cake and conducting cultural programs. Departmental Christmas celebration was conducted on 23<sup>rd</sup> December 2011. Fr. Joby Xavier gave the Christmas message.

The 6<sup>th</sup> Fr. Aquinas intercollegiate Botany Quiz was conducted on 27<sup>th</sup> February 2012. Dr. V. J Dominic was conducted the quiz. Students from six colleges participated. Teams from S B College Changanacherry, St. Peters' College Kolencherry and St Teresas College Ernakulam secured first, second and third prizes respectively.



This year's Florafest - the cultural and educational meet of the department was conducted on 24<sup>th</sup> February 2012.

The Department conducted a short term course in Modern Biotechnology techniques "Hands on Workshop on Plant – DNA Barcoding" on 28 – 30 November 2011. Eighteen participants Botany teachers and from different colleges participated in the programme.

Another short term training programme for five days on Bioinformatics was conducted for the P G students from 19 to 23 Dec. 2011.

We are proud that our debate team consisting of Ms Parvathy Mavelil and Mr Siju Tom Kuruvilla won the prestigious ever rolling trophy for Intra-mural Debate competition conducted in our college on 1<sup>st</sup> March 2012. Congratulations to Parvathy and Siju.

We express our sincere gratitude to our beloved Principal Rev. Fr. Prasant Palackapillil, head of the department Dr. V J Dominic and all the teachers and non teaching staff members for their whole hearted support and guidance for the smooth conduct of the year's programme.

We thank each and every student of the Botany department for their cordial support.

### **Department of Chemistry**

The department has on its roll 12 regular faculty members and 4 guest faculty members. Prof. P.J. Joseph officiated as the Principal of the college during the period 05/09/2011 – 07/10/2011. Dr. Joseph John is a member of the University Senate and Dr. Joseph T. Moolayil is a member in the Board of studies, Mahatma Gandhi University.

*Academic achievements:* Dr. K.B. Jose was awarded Ph.D for his research on "Kinetics and mechanism of halogen substitution reactions of N-halonitrobenzenes by aliphatic amines under the guidance of Dr. M George. During this academic year, 4 new UGC Minor projects were allotted to Dr. K.B. Jose, Dr. Jorphin Joseph, Dr. Franklin J and Dr. Jinu George. Dr. Franklin J is a member of American Chemical Society, a scientific society for promoting chemistry research. Dr. M George presented a paper in the 59<sup>th</sup> ASMS conference held at Denver, Colorado USA in June 2011. He attended an international conference on computational chemistry (ATOMS 2011) held at Hyderabad in November 2011. Dr. M. George visited Washington University in St. Luis, USA for two months as visiting scientist. Dr. Grace Thomas attended Summer Workshop held at Vanderbilt University, Tennessee, USA. Dr. M George (3 articles), Dr. Jinu George (2 articles), Dr. Jorphin Joseph (2 articles), Dr. Grace Thomas, Dr. K.B. Jose, Dr. Joseph T. Moolayil and Dr. V.S. Sebastian (1 article each) published peer reviewed articles in international journals.

*Student achievements:* Ron Antony, Suraj S, Nibisha M.P. and Sibi V.X. of II<sup>nd</sup> MSc won the best poster award for their MSc. project conducted under the guidance of Dr. Grace Thomas at the National conference on ‘Green and Sustainable Chemistry’ held at Department of Chemistry, University College of Science, Tumkur University.

- The Department staff meeting is conducted almost twice in a month.
- Open houses were conducted for all the degree and PG batches.
- DQAC meeting was held on 20-10-2011 in the presence of Dr. M.R. Prathapachandra Kurup (CUSAT) and Dr. Kochu Baby Manjooran (BPCL).

### **Report on the Activities of Chemistry Association and celebrations of International Year of Chemistry (IYC)**

The objective is to promote the interaction between the chemistry students with the hope of developing a passion for the subject through the activities like, seminars, discussion, debate, magic, quiz, meet the scientist, out-reach to industrial places etc. The association gives a good platform for the students to get involved in the activities which will instill deep interest in the subject through the implementation of lab work and other activities. This year the following programmes were conducted in connection with the International Year of Chemistry.celebrations, jointly with the Chemistry Association. Financial assistance from UGC was obtained for IYC activities. Dr Franklin J coordinated the IYC events.

Prof. Dr. M.S. Swaminathan, Member of Parliament and renowned agricultural scientist inaugurated the activities on 3<sup>rd</sup> March 2011 and Prof. Muhammed Yusuf, Professor Emeritus CUSAT inaugurated the activities of the Association, felicitating the Degree Toppers on 15<sup>th</sup> June 2011.

#### 1) IYC Booth and Quiz series

IYC booth was set up in the portico of the college. The booth was planned as a venue for ‘Inter Departmental bi weekly Quiz Series’ and various programmes to create awareness among science as well as non science stream students regarding the role played by Chemistry in our daily life. ‘Inter Departmental bi weekly Quiz Series’ helped to create scientific temper among students.

Photographs of eminent Nobel laureates in Chemistry who created revolutionary changes in the field of Chemical Sciences were displayed in the booth. Deputy Mayor, Corporation of

Kochi, Mrs. Bhadra Satheesh and Mrs. Soumini Jain, Standing Committee Chairperson, visited the booth on 7<sup>th</sup> July 2011 and distributed the Quiz prizes.

2) Chemistry Fire and Poster Exhibition

Magic fire was ignited near the IYC booth on 7<sup>th</sup> July 2011 by Fr. Dr. Johnson Palakkappillil, principal, S.H College, Thevara. Kochi Corporation Deputy Mayor Ms .Bhadra B was the guest of honour. Dr. V.S Sebastian of Chemistry Department led the event in front of a gathering of students from various disciplines. Poster exhibition was conducted on 8<sup>th</sup> July 2011. This was intended for creating science awareness among students.

3) Green Chemistry Seminar

Seminar on Green Chemistry was conducted by 3<sup>rd</sup> semester Chemistry students Ms. Divya George and Ms.Remya Ramakrishnan on 22<sup>nd</sup> of July 2011. The interactive talk helped the students to understand the concept behind Green Chemistry as well as our responsibilities towards keeping our environment clean and hazardous free. This was also a great platform for students to enrich their scientific presentation skills.

4) Meet the Scientist Programme

As part of the initiative to introduce eminent personalities in the field of Chemical Sciences to post graduate students of science discipline, meet the scientist programme series was introduced in collaboration with Chemistry Association. First person visited our college was Prof. Dr. K. George Thomas, Professor and Dean Indian Institute of Science Education and Research (IISER), Thiruvananthapuram, Kerala on 28<sup>th</sup> July 2011. An interactive discussion on 'Recent Trends and Advances in Nanotechnology' led by Prof. Dr. K. George Thomas was followed. The programme was attended by Post Graduate students of Chemistry and Physics.

5) Chemistry awareness programme (CAP)

To create chemistry awareness among school students, programme titled chemistry awareness programme (CAP) was conducted with the active involvement of B.Sc students. The programme was a sincere effort of the chemistry community to extend its facilities to the neighboring schools, inspiring and igniting the future generation through magical chemistry and lab experiments. Teaching and non teaching faculty extended their whole hearted cooperation throughout the programme on 19<sup>th</sup> November 2011. The programme was coordinated by Dr V S Sebastian, Dr. Franklin J and Dr Jinu George.

6) Prof. K. V. Thomas Endowment Seminar

The Department of Chemistry regularly hosts a national seminar in honor of the retired Professor and Head of the Department, Prof. K. V. Thomas. World-renowned Chemistry Scholars from various National laboratories and Universities of India are invited here to deliver on their research areas. The 10th K.V. Thomas Endowment National seminar 2011 on 'Recent Trends and Sequels in Chemistry' was conducted by the department of Chemistry. This year the seminar was inaugurated by Padma Vibhushan Dr. Kasturirangan MP.

The technical sessions were led by Dr. S. Sankararaman (IIT Madras) and Dr. S. Sampath (IISc Bangalore) and Dr. M T Jose on Nuclear Radiations (IGCAR, Kalpakam). Rank holders and NET winners were also honoured along with the winners of Rev. Sr. Dr. Aliamma Zacharia endowment best paper presentation award. Student and teachers from various institutions evaluated the seminar. The function also marked the end of yearlong celebration of 'International Year of Chemistry 2011'. 10 students were awarded merit scholarship by the K.V.T .Endowment trust for their meritorious performance in the academics. Dr Thommachan Xavier was the Co ordinator of the programme.

#### 7) Release of News Letter 'CHEMIA' and Valedictory function of IYC

The valedictory function of the two day seminar was presided over by Rev. Dr. Prasant Palackappillil CMI, Principal. The department news letter 'Chemia' was released by Dr. S. Sampath and a scientist photo gallery in connection with IYC was unveiled by Dr. S. Sankararaman. Dr Franklin J and Dr. Jinu George were instrumental behind the News letter and photo gallery.

#### 8) Chem Alumni Meet and family get together

The annual get together of Chemistry Alumni was held along with Heartifest on Jan 14<sup>th</sup> 2012. A gathering of present and former members of the chemistry family (both teaching and non-teaching staff & family) was held on 23<sup>rd</sup> January, 2012.

#### 9) Chemifest

The Chemistry family gathering called 'Chemi fest' is a unique venture launched by our department in 1993. The aim of this programme is to foster a good kinship among the teachers, supporting staff and the students of our department. This year Chemifest was organised on 4<sup>th</sup> Feb 2012 .It was a one day programme full of charm and activities. On the day, the department and premises were cleaned by the collective effort of the staff and the students. After a

sumptuous lunch, a cultural fiesta was performed by the Chemistry community. Dr Joseph John co ordinated the programme.

#### 10) Add On Course ‘food processing and preservation’

The department conducted a certificate course in ‘food preservation and processing’. The course content included preparation of jam, jellies, pickles, squash, fruit concentrates etc. The experts from Home Science Department, Morning Star college- Angamaly, engaged the theory and practical sessions. This year 31 students attended the programme. Dr Jorphin Joseph coordinated the programme.

#### 11) INSPIRE

The Department associated with the other science departments of the college in organizing and giving academic inputs to INSPIRE internship science programme. This programme, aiming at inspiring young minds to pursue science research, was organised by the science departments of the college in association with Department of Science and Technology (DST), Ministry of Science and Technology-Govt. of India.

#### 12) National Seminar on ‘Societal Benefits of Radiation Technology’

In association with the other Science Departments of the College and NAARRI, Mumbai, Chemistry Department organised a National Seminar on ‘societal benefits of radioisotopes and radiation technology’. The seminar was aimed at creating awareness on the beneficial applications of radioisotopes. A group of experts in the field of nuclear, agricultural, medical and allied research delivered lectures in the seminar held during 15-16 February, 2012. A three day long exhibition was also arranged in collaboration with the Department of Atomic Energy, Mumbai to highlight the advancements made in this field by our country. Dr Joseph T Moolayil was the coordinator of the programme.

### **Dept. of Computer Science**

#### Fresher’s Day

As part of giving welcome to the new buds of our department, Fresher's day was conducted on 06 July 2011. Freshers introduced themselves and performed their talents in various programmes. Department gave a warm welcome to them.

#### CASA (Computer Application Students Association)

On 08-07-2011 chief guest, Mr. Zismas George, Freelance Network Security Consultant, inaugurated the department association named CASA . The Principal Fr. Prasant Palackappillil addressed the gathering. Mr. Zismas gave an informative seminar on "Network Security". After the seminar, department students have participated various cultural events.

#### DQAC (Departmental Quality Assurance Cell)

DQAC meeting of the department was held on 30-08-2011. The following DQAC members were present in that meeting.

- Rev. Fr. Prasant Palakkappallil, Principal, Sacred Heart College, Thevara
- Mr. Vijo M Joy, HOD, Department of Electronics, Aquinas College, Edakochi
- Mr. K J Sudevan, Head of Centre NIIT, Global Net + Ravipuram
- Alumni: Mr. Rajeev Gopalakrishnan, Project Leader, UST Global, Kochi and  
Mr. Bobby Fernandez, HR Executive (Recruitment Wing), TCS, Kochi
- All the faculty members of the department are committee members.

DQAC has put valuable suggestions for improving employability and quality of the department.

#### Computer Hardware Exhibition

The department has organised a Computer Hardware Exhibition on 26-08-2011. Computers from the old era to the new era were displayed in that exhibition. It covered the topics Computer Evolution, Computer Networks, Computer Graphics and Wi-Fi. The show was visited by the students of neighbouring schools and colleges in Cochin. As part of the function, the department conducted an IT Quiz competition and distributed prize to the winner of contest.

#### Outreach programme

As part of one of the missions, Alumni of our dept have taken a great attempt to distribute educational materials to 50 poor students of St. Thomas School, Perumanoor on 6th June 2011. Dept. head and six alumni were attended in that function. School Principal has given a valuable advice to the students and she expressed her gratitude and blessings to alumni.

As part of computer literacy, the students of our dept gave a computer training programme in MS Office for Sacred Heart School students. 129 students attended that programme. Using power point presentation, students have taken the classes for the school students. By this programme, students have revealed their capability in teaching.

#### Microsoft Seminar on New Technology

The department conducted an interdisciplinary programme 'Microsoft Seminar on New Technology', led by Mr. James Joseph, Director, Executive Engagement, Microsoft Corporation India on 02-08-2011. Principal, Rev. Fr. Dr. Prasant Palackappillil addressed the gathering. Students from Physics and Mathematics departments attended the programme.

#### Honouring students

The department of Computer Science has taken an opportunity to honour the students for their academic performance on 16-08-2011. The Principal distributed 'Alex Memorial Award for Best Overall Performer 2011' to Ms. Anu George, 'Chandrasekharan Memorial Award for Best Academic Performer 2009' to Ms. Resmimol K, 'Chandrasekharan Memorial Award for Best Academic Performer 2010' to Ms. Vani Lakshmi's father Mr. Ramesh V M, 'Alumni Endowment Award for Best Academic Performer 2011' to Ms. Jincy James. As a token of love and affection of college, department, staff and students to Late Mr. Alex, Principal gave a memento to his mother.

#### National Seminar on Image Processing and Social Media

On 17-01-2011 dept has taken a great pride for conducting one day national seminar on Image Processing and Social Media, The golden rush of the 21<sup>st</sup> century. Guests Dr Gladston Raj, Head, Department of Computer Science, Govt College, Nedumangadu, Thiruvananthapuram and Mr. Dinesh Ramkrishna, Business Development Manager - QA Services, NEST Software,

Thiruvananthapuram inaugurated the seminar. On that solemn occasion, Rev. Fr. Dr. Prasant Pallakkappillil addressed the meeting. Dr. Joy P Joseph, staff secretary gave felicitation.

At morning session, Dr. Gladston Raj has given a fruitful and informative knowledge about Image processing. A few students have participated in the interactive session. After lunch break, Mr. Dinesh Ramkrishna gave an interesting class about Social Media. He described about the features of LinkedIn, FaceBook, etc. The programme has finished at 4pm.

#### Newsletter Release

Dept has taken great attempt for releasing our first newsletter 'YaCy' on 17-01-2012. 'YaCy' highlights the achievements and activities of our dept in different spheres. The news letter has 8 colourful pages with 500 copies. Copies were distributed to our alumni, department students and college staff.

#### Consultancy Services

Ms.Regitha Baiju developed distributed software "Faculty Evaluation System Software" in 2011. It is used for the evaluation of teachers by students. It is based on client-server concept. The management can take the relevant reports using that.

A computer literacy programme for all first year students of other departments was conducted by our faculty member Ms. Shybe Telson.

#### Amritha University's online tuition

Our department gives opportunity to students to attend and to interact with classes of online tuition which is provided by Amrita E-Learning Research Lab is scheduled under Ministry of Human Resources Development's (MHRD) National Mission on Education through Information and Communication Technology (NME-ICT).

#### Recruitments



Seven dept students are placed in the multinational company Wipro during this academic year. Majority students are planned to join for higher students.

### Achievements

Ms. Jincy James has secured 2nd rank (95.53%) for BSC Computer Applications in MG university examination, March 2011. Dept has gained 94.28 pass percentage, 18 distinction, 11 first class, 3 second class and 1 third class.

Students of our dept have got prizes in various cultural and sports programme. Ms. Midhuna K M, state player was representing the winner of kabadi championship of M G University. Ms. SreeLakshmi V M has got prize in Thiruvathira of Talent Time by CUSAT. Ms. Thanzeela P A has got 1st in MG Univ. Oppana. Ms. Zinnia, winner in Nostalgia competition of Talent Time by CUSAT.

Ms. Thanzeela P A has attained 2nd prize in MG Univ. Judo, 2nd in MG Univ. Wrestling, 1st in State Kurash Championship, participated in National Wrestling Championship. Mr. Sambasivan V S has achieved 1st place in M G University Inter Collegiate Body Building Competition.

### Earn while you learn

A few students of dept are earning money by taking classes in tuition centres and at home. Some students are working as salesmen in mobile shops and margin free shops after their class time. Two students are earning money by working as online data entry operators and in online share marketing. Mr. Praveen and Mr Ermin of 2nd year BSC CA took classes of Computer Hardware & Assembling for Physics department students. It was a five days programme.

### **Department of Mathematics**

The inauguration of the activities of the mathematics association for the academic year 2011-12 was held on 23<sup>rd</sup> June 2011. The programme was inaugurated by Mr. Saji Mathew, Chairman, Cochin Chapter of ICAI (Institute of Chartered Accounts of India) who is also a

former student of the department. Prof Joy Mathew, Head of the department, presided over the function. Principal, Fr Johnson Palakkappillil felicitated the function. Mrs. Minu Mathew, Secretary of ICAI made a talk about the carrier prospects of Chartered Accountancy Programme.

### **Poster Exhibition**

As part of the activities of the association, a poster exhibition highlighting the importance of Mathematics in different areas was conducted on 30th June. Principal inaugurated the programme.

### **Fresher's Day**

The senior students of the department were very enthusiastic in welcoming the newly admitted students of the department. Different entertainment programmes were 'organised in connection with this.

### **Seminar Series**

The Mathematics Association is organising a seminar on every month on topics related to mathematics. The seminar series was inaugurated by Prof. Joy Mathew, head of the department on 18<sup>th</sup> July. The lecture was on 'Combinatorics' and the speaker was Prof. Didimos of the department.

### **Chess Tournament**

As part of the Onam celebrations, the SA Wand the Mathematics association jointly organized a chess tournament. Fr. Principal inaugurated the tournament.

### **Quiz Programmes**

An all Kerala Quiz on Mathematics was organized on 2 nd March, 2012. Cash prizes and trophies were presented to the winners. In association with the old student's forum of department of Statistics, CUSAT, a regional inter-collegiate quiz on Statistics was also held .

### **Department of Physics**

#### ***Physics Association – programmes conducted***

- Inauguration on 26<sup>th</sup> July by Rev. Fr.Prasant (Our Principal).
- Talk y Sri. Joy on “ safe use of cooking gas”
- Dr. Jose Safety department Kalpakkam Nuclear reactor gave a talk on “Safety aspects of nuclear reactors” interacted with PG Students.
- Rev.Fr. Dr. George Peter Pittappillil delivered a talk on “Science & religion”

### ***Social outreach programme***

Visit to Rehabilitation and care centre for mentally retarded persons at Vilangu by UG students.

### ***Add on course***

Add on course on “Computer Hardware” was conducted for under graduate students.

### ***Achievement by students***

Ms. Sari P.S, Ms. Roshini BR & Ms. Ambily won the 4<sup>th</sup> 5<sup>th</sup> and 6<sup>th</sup> ranks in MSc Physics.

Ms. Sruthy Paulose, Ms. Vrinda Narayanan & Ms. Deepthi Maria of BSc II Semester Physics core get INSPIRE scholarship for the BSc Course.

### ***Employment***

Tojo M. Chacko got appointed in the department of Atomic Minerals (DAM), Jamshedpur as scientific officer.

### ***International Seminar***

Dr. Georgekutty Joseph attended 33<sup>rd</sup> Australasian Seminar on Polymers.

### ***Funded Programmes***

INSPIRE- (Innovation in Science result for inspired research)- programme for motivating students towards basic science course was cohosted by DST and Physics Department.

All the teachers and non teaching staff of Physics department were members of the organizing committee of the day seminar on “ Societal benefits of Radioisotopes and radiation technology” organized by National Association for application of Radioisotopes and radiation in Industry (NAARRI), Mumbai.

### **Department of Zoology**

The academic year 2011 – 2012 was highly rewarding with the students and faculty achieving enviable success both in the academic and research spheres. Ms Elizabeth V. Mathew

secured II rank at the II M Sc Final Degree examination. This is the 6<sup>th</sup> year in the running that the department has secured ranks at the post graduate level. Final year B.Sc. students also recorded commendable success in the university examination. Ms. Elizabeth V. Mathew cleared the National Eligibility Test conducted by UGC/CSIR. Prof. Samson Davis Padayatty (Guide: Dr. P. A. Sebastian), Mrs. Manju Subramaniam (Guide: Dr. T.J. James) and Ms. Teji K.T. (Guide: Dr. John Thomas) were awarded Ph.D. by the Mahatma Gandhi University. In addition, Prof. M.K.Raju, faculty of the department of Zoology and Mrs. Rekha Parthasarathy and Mrs. Honey Sebastian, research scholars in the department submitted their Ph.D. theses for adjudication. The Research Award sanctioned to Dr. Philip Mathew by UGC has been granted a rare extension for the third year to complete his post-doctoral research. The M.Sc. dissertation of Ms. Elizabeth V. Mathew and supervised by Dr. P. A. Sebastian was selected for the student fellowship scheme by KSCSET, Thiruvananthapuram. The findings of the work were presented at the European Colloquium of Arachnology held at Sede Boquer, Israel. She also bagged the best science project award instituted by the college and the intercollegiate Millennium Zoology Journal award for P.G. dissertations. Ms. Deepthi C.S. secured second prize for the best science projects in the college. The research project submitted by Ms. Athira Nair D. of II B.Sc. Zoology under the guidance of Dr. T.J. James has been short-listed for the KVPY Fellowship by Indian Institute of Sciences, Bangalore. Rev. Fr. Austin Mulerikkal Endowment Lecture was delivered by Mr. Jesse Gardner Costa of the Department of Biological Sciences, Windsor University, Canada on 'Reclamation of Oilsand Areas'.

Activities of the Zoology Association were inaugurated by the renowned environmentalist Prof. Sitharaman and included a film show on environmental issues. In collaboration with *Helpage India*, members of the zoology association celebrated World Elder Abuse Awareness Day by organizing a poster designing competition and an exhibition. Along with AICUF and Youth Red Cross unit of the college, the association organized a blood grouping programme in which the blood group of over five hundred first year degree students were determined. II M.Sc. zoology students along with experts from the district hospital led the programme. The Zoology association celebrated X' mas in a novel way under the head 'Fast a meal and feast a friend'. Students collected a lumpsum amount by skipping a day's lunch and utilizing it for presenting X' mas gift to the destitutes in the street. 100 lunch packets brought by the students were also distributed among them. In association with the Women Cell of the college, the zoology

association organized an awareness programme on ‘Causes and Prevention of cancer’ by Dr. Chitrathara, a well known oncologist. About 5000 students from various educational institutions visited Fr. Gabriel Zoology museum during a one week exposition. The department actively participated in ‘INSPIRE’, an interdisciplinary science exposure programme organized by the science departments of the college for selected higher secondary students. Dr. P. A. Sebastian and Dr. Samson Davis enthusiastically participated in the P.G. syllabus revision workshop conducted by the Mahatma Gandhi University. Faculty members also attended various regional and national conferences.

### **Department of Physical Education**

Physical education and Sports is not only a supplement to the academics but a significant component of holistic education, with tangible value-addition to the stakeholders’ well being. The College cherishes 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. Sacred Heart College stands on top in sports achievements among the Colleges in the University. On the strength of our tremendous sporting credentials potential sportsmen and sponsors gravitate towards us helping us create an enviable track record in sports.

This year 12 men and 5 women teams were participated in the M.G. University inter-collegiate championships. Out of that, the college emerged as **Winners** in Three disciplines, **Runners up** in Two and **Third** in Three. The Volleyball and basketball men teams won the following tournaments,

Fr.Bartholomew Tournament, Volleyball winners

Baselious basketball Tournament, Kottayam [Runner up]

Rogrus Inter collegiate Basketball tournament [Runner up]

All Kerala Kabaddi tournament at Kayamkulam ,Kabaddi [w] winner

27 students represented the M.G. University and 13 represented the Kerala state in various games, and Daya Elsa Jacob [I BcomC A] and Surej .P H [II MCom] in badminton Vinoob S

Manoharan,II BA[Economics] and Jaffer Jamal IIIrd BCom in cricket, Sujth Kuttan I BA Economics]in athletics , Akhil Aravind III BSc Physics in Table tennis are secured laurels in National level.

More than 60 students are eligible for the sports grace mark this year.

### **ACTIVITIES**

1. 66<sup>th</sup> Fr. Bartholomew Memorial All Kerala Inter-Collegiate Basketball [men/women], Volleyball [men/women] and Ball badminton [men] Tournaments
2. Organized EKM District Zonal Volleyball championship
3. Coaching camps in Basketball, Cricket, Football ,Judo, Wrestling, Kabaddi & Volleyball.
4. Day One sports- horse riding, Yachting, Aero modeling sports display
5. The annual sports meet for the students, staff and ESA
6. Seminar on yachting
7. Inter collegiate staff cricket match
8. Organizing support for Medical Trust, Ys mens day, and All India CIFNET athletics meet.

### **EXTENSION ACTIVITIES**

1. B- Fit Health Club with Multi -gym and sauna and steam bath Facilities.
2. Conduct summer camps for basketball, cricket, Athletics, Football for school children
3. Extend technical assistance for laying track& field, playing fields and courts
4. Organizing district, state and university meets and tournaments.
5. Providing facilities and officials to conduct various tournaments.
6. Regular football training for more the school and college students
7. Track and field, playgrounds, courts etc for hire.
8. Conducted open course in Physical, health and life skills education for degree students

### **COLLABORATIONS & PROGRAMMES**

1. Mrs. Mercy Kuttan Academy for Athletics
2. Yachting Training with Kerala water sports association
3. Horse riding practice for students and public .

4. Kids football fest.
5. Health checkup for students and staff members .
6. Staff Recreation centre

### **AWARDS AND SCHOLARSHIPS**

Physical Education Department has instituted the endowment awards in to the outstanding sports men and women with the support of the PTA. Also provides scholarships for the members of university champions and members of university, state and India this year also.

1. Prof. M.K. Abraham Award for the outstanding sportsman-Vinoob S Manoharan.
2. Prof. Peter Thomman Award for the outstanding sports woman -.Miss Daya Elsa Jacob

### **FUTURE PLANS**

1. Multipurpose Indoor Stadium
2. Swimming Pool
3. Academy for Basketball
4. Aero modeling and flying club
5. Indoor cricket nets
6. Indoor Rifle Shooting range.
7. Health centre and Post-injury Treatment
8. Professional P G course in Physical Education and sports medicine.

### **LIBRARY**

The general library of the college is a computerized resource centre with a collection of over 80131 books. It subscribes to 128 periodicals and journals. In addition to the general library, there are departmental libraries for economics, English, Commerce, Botany and Zoology. The General Library has a spacious reference section with a seating capacity of 320 people. There are over 10,000/- books (ten thousand books for reference. The Library is also equipped with advanced facilities such as RFID entry and CCTV monitoring) besides, students have free access to DELNET, INFLIBNET AND YMCA, E-portal Journal services. MPLADS Digital Library started in 1/2/2012. Library committee has elected Dr. K.M. Johnson as the convenor.

## SELF DEVELOPMENT THROUGH SOCIAL COMMITMENT

### AICUF

All India Catholic University Federation (AICUF) a service oriented organization that promotes social commitment among the college students. It continues its glorifying march in S.H. Unit with its successful past. AICUF conducted various programme during the year 2011-2012.

**Zonal Election** : Zonal Election for the academic year 2011-2012 was held on June 2011 at Sameeksha. A few students from our college participated in the election camp. Mr. Vinu Vijayan and Anisha Mathew of our college were elected as the Zonal President and Vice President respectively.

**Statemeet & Election** : AICUF state election was held from 8<sup>th</sup> to 10<sup>th</sup> July 2011 at AICUF House, Trivandrum.

**Inauguration and Fresher's day** celebration was held on July 16<sup>th</sup> 2011.

**World Youth day** was celebrated on August 12, 2011.

**Outreach programme** : 60 AICUF members accompanied by Dr. V.S. Sebastian, Dr.Jorphin Joseph and Dr. Franklin J. visited Home of Faith, Kakkanad on 20<sup>th</sup> August.

**Sahayathri Sangamam** : AICUF members from our college, attended Sahayathri Sangamam on August 26<sup>th</sup>. Eight delegates from our college attended the two day camp.

**Teachers day celebration** : On September 2<sup>nd</sup> AICUF members celebrated teachers day by exhibiting charts and wishing them. All teachers were gifted with rose flowers as a token of love and respect towards them.

**Sthree Jwala 2011** : Ernakulam zone of AICUF conducted a women empowerment camp "Sthree Jwala, 2011" at Vimalalayam College, Ernakulam on 2<sup>nd</sup> and 3<sup>rd</sup> of September. Three delegates from SH College attended the camp.

**Mullaperiyar rally** held on 2<sup>nd</sup> December 2011.

**Suchithwa Bodhana Yajnam** held on 11<sup>th</sup> January 2012.

### Primrose Nature Club

Primrose Nature Club had another eventful year added to its nearly three- decade- long history of nature and environmental service. The official inauguration of the club activities of



2011-2012 was held on 10<sup>th</sup> June. The chief guest Dr. A. R.Vadiyar inaugurated the function which was presided over by Rev. Dr. Prasant Palakkappillil, principal of the college. The first meeting of the club was held on 15<sup>th</sup> June 2011. The club was replenished by the addition of new members from different departments. Dr. T.J James of the Department of zoology and Dr.Tom C.Thomas of the Department of English took up reins as the staff co-ordinators for the year. Thirteen members were elected to the executive committee. Two female members of the faculty, Miss Bilu P. Babu from Department of Mathematics and Ms. Baby Simi from the Department of Commerce (C A) joined Nature Club as coordinators.

Club Director, Dr. V. J. Dominic and coordinator Dr. Tom C. Thomas attended the Encon Club coordinators meet organized by BPCL Kochi, at Jwalagiri , Ambalamughal in June 2011. Primrose Nature Club was honoured with the Best Encon Club Award of the year. The award, jointly instituted by BPCL and Cochin Refinery, was conferred on the club in recognition of its exemplary activities of environmental protection and energy conservation during the academic year 2010 -11.

Class room beautification contest was the first remarkable activity of the club. It was conceived with the objective of inculcating the vital sense of sanitation and hygiene among the student community. It was inaugurated on 18<sup>th</sup> July 2011. Most of the departments actively involved in the contest. Regular and impartial evaluation was done to judge the best classes. First year B.Sc. Botany, first year B.Com Computer Science and first year B.Sc. Mathematics classes secured the first, the second and the third prizes respectively.

Another much applauded event organized by the club was the preparation of “Karkidakakanji”. The herbal porridge was prepared jointly by the members of our club and students of Tripunitura Ayurveda College. The principal inaugurated the function by tasting the medicinal ‘Karkidakakanji’. Then it was distributed among the students in the campus. Students and teachers from the Ayurveda College conducted classes to create awareness on the medicinal value of the herbal ingredients of the ‘karkidaka kanji’ and the methods of maintaining holistic health in harmony with nature.

The cultivation of the upland paddy was another significant activity undertaken by the club. It was held on August 2011. The activities were supervised by Dr. V. J. Dominic, the Head of the Department of Botany as well as the other coordinators of Nature Club. All the members of the club participated in the cultivation enthusiastically. It was the second consecutive year of

experimental upland paddy cultivation undertaken by the club. The project was conceived to provide the students with direct experience of the various stages of paddy cultivation. This time it was cultivated at the west end of the lake view grounds. Though the yield was below what was expected the whole experience was richly rewarding to the participants due to its experimental nature.

Ozone Day was duly observed by the club on September 16<sup>th</sup> 2011. Dr. V. J. Dominic, the director of the club, delivered a talk on the pertinence of the topic. Thanks to his enlightening lecture the students got a clear perspective of the enormous importance of the topic in the current environmental consciousness.

Woods are lovely, dark and deep and observing them at close quarters affords wonderful opportunity to assimilate the seething life of the flora and fauna in the natural ambience. The club conducted a nature study camp at Silent Valley in Palghat district on 12, 13, and 14 of December 2011. The camp was immensely rewarding and memorable. The camp activities comprised seminar classes by resource persons and veterans in environmental service. Night classes on the biodiversity of Silent Valley and nature conservation were equally enriching. Trekking to the evergreen forests of Silent Valley was inexplicably enjoyable and worthwhile for the participants. Our teachers and forest department staff made us familiar with different species of plants and trees. Not only strange plants but also different types of animals were spotted and photographed by the adventurous team. Many a precious information about Silent Valley was conveyed to us by the officers of the Forest Department. Another unforgettable experience was the meditation the members had during the camp. The meditation aided them to harmonise the notions of nature, God and holistic health. Each student in the camp heartily appreciated the meditation process. In short the camp had an enlivening and enriching effect on the mind of each student.

On 15<sup>th</sup> December Kerala Refineries Ltd. Ambalamugal conducted an orientation programme at Ambalamugal, Tripunithura. Three student leaders of our club, Sujitha Lucia and Meril Sara Kurian and Sreeja V.S. represented Nature Club in the programme. The participants received certificates for their active participation in the programme.

Oil and Gas Conservation Fortnight organized by BPCL was duly observed by Nature Club. In a function held at the auditorium on 15<sup>th</sup> January 2012, the director of the club Dr. V. J. Dominic and Principal Rev. Dr. Prasanth Palackapillil spoke on the issue of energy conservation.

They reiterated the enormous importance of energy conservation for the future of our planet. The participants took a pledge to conserve oil and gas. In connection with this Nature Club also conducted quiz, essay and painting competitions based on the theme of energy conservation on 24, 25 and 31 of January.

‘Suchitwa Bodhana Yanjam’, jointly organized by Rajagiri Outreach and Mithradham, was accorded an overwhelming reception and participation by Nature club on 11<sup>th</sup> January 2012. The members participated with the spirit of true nature warriors in the procession from Santhi Nagar to Thevara Junction. More than 100 students from various clubs were present in the procession. Each student had a placard proclaiming the message of nature conservation and reduced use of plastic. The campaign which had the representation from the neighbouring schools as well went a long way in making the public and the student community aware of the side effects of the use of plastic.

Observing National Safe Food Day, Nature Club organized a talk on GM crops. Dr. M.S. Francis, Department of Botany, gave a valuable talk replete with vital data on food safety and the threats posed by genetically modified crops. Dr. Tom C. Thomas welcomed the gathering and Prof. Bijo N. Mathew, the newly deputed coordinator of the club, proposed the vote of thanks.

A Cycle Day was observed in the campus on March 9. Staff and students imbibed the spirit of the call and many of them came to the campus on cycles. The event was intended to propagate the message of energy conservation through healthy conveyance. The day was also marked by an exhibition of strange varieties of cycles. Nature Club honoured the regular cyclists of the campus.

Primrose Nature Club conducted its Valedictory function on March 9. The inestimable service of Dr. V. J. Dominic, the founder director of the club was profoundly acknowledged and duly honoured at the function on the eve of his imminent exit from official duties this year. Certificates to the outgoing members and awards to the prize winners of various competitions were given away in the valedictory function.

Primrose Nature Club has made an indelible mark in the annals of Sacred Heart College, Thevara and it is enthusiastically progressing towards greater goals.

***BHUMITHRASENA CLUB***

## **MEDICINAL BOTANISTS CLUB**

### **NCC (ARMY WING)**

With the activities of the academic year 2011-12 ,ncc army with muscles of iron and nerves of steel once again proved to be the core group of our college. The NCC army wing with the strength of 160 cadets is the prestigious organisation and marks a memorable signature in the heartian history. The cadets should be appreciated for their service mentality and volountership during different programmes in the institution.

The official inauguaration of the training session was flagged on by the prncipal rev father prashanth palakapalli, on 15<sup>th</sup> august 2011. He also gave an inspiring independence day message.

Cqms nirmal sivarajan of iii ba economics was appointed as the senior under officer of the ncc army wing for the year 2011-212. Sgt eby john and cpl vinaya tk was promoted as juo's.

The activities of the year commenced with the independence day celebrnations followed by the pipping up ceremony and also by the visit of deputy excise commissioner anish p rajan ias. It was a fruitfull and very informative session to the cadets.

#### special police officers

The NCC cadets of our college were selected as spo's to assist the election official procedures of the local self governing bodies.

#### blood donation

The cadets of our college,are well known for their service mentality and human feeling towards fellow human beings. In the blood donation camp held at ima, 10 of our cadets donated their blood. Many more have done this social service on different occasions as per request.

#### suchitha bodhana yagnam

The NCC Army Wing of SH college whole heartedly participated in the cycle expedition from kundanoor to thevara, on 11<sup>th</sup> january2012, in connection with suchitha bodhana yagnam. About 35 cadets participated in this venture .the cadets carried with themn pluck cards depicting

eco friendliness and slogans to raise awareness among the people. They also made the roads litter free and disposed the garbage scientifically.

#### legal awareness seminar

Our cadets attended a legal awareness seminar at maharajas college, on 4<sup>th</sup> december 2011, organised by kerala state legal service authority. the program was attended by 45 of our cadets.

#### heartifest mega event janush

the participation of the ncc army wing cadets in the hearty fest was very much appreciated and their performance prasiad. our cadets volunteered the organizing and management of the function. also we presented a patriotic cultural program "war and peace" which received wide applause from the authorities.

#### museum inauguration

Our cadets successfully took up and implemented the management and smooth functioning of the historical museum, which was inaugurated by union minister Dr. K.V. Thomas.

#### part b certificate examination

Our college was selected as the centre for part b examination conducted on first week of february, 2012. 40 cadets from our college appeared for the examination.

#### part c certificate examination

20 cadets of our college appeared for the c certificate examination held at maharajas college on the third week of february

#### armed forces flag day

Our company collected valuable contributions on armed forces flag day and provided the contributions to the brave soldiers who laid down their lives for protecting the integrity of our country

#### orphanage visit cum tour cum trekking

even while enjoying the liberty of leisure, the ncc army wing extended their hands of empathy and support to "bethlehem sneha bhavan" located at vallam. 50 cadets provided valuable medical aid and clothes to the destitute and also spend some time interacting with them.

it was followed by a tour cum trekking program to kodanad anakudu and panniyeli poru. The cadets had a wonderful time exerting their skill ok wading through the rocks and waters and thus helping in their physical upgradation

#### suchitha varsha 2012

15 of our selected cadets participated in the 2 days suchitha varsha program held at ernakuilam north town hall on february organised by the cochin corporation.

#### camps

1. suo nirmal sivarajan and cqms rohit jayaprakash were selected for SSB training camp held at thiruvananthapuram ,on december 2011.they represented 21 k bn and Ernakulam group. The camp was attended by 25 cadets from all over kerala.
2. sgt kapil dev subrahmaniyam, attended the tsc ,held at new delhi in september
3. cpl aparna menon attended the rd- igc held at mavoor ryons on october.
4. juo vinaya t k attended the south zonal shooting competetion held at karur (tamil nadu) on august 2011.
5. 21(k) organised 2 atc's at sdpy school palluruthy and aquinas college edakochi.a total of 80 cadets attended camps. SH college emerged as the second ruinner ups in the competetions held at the camp.
6. 20 sd cadets of our college, attended the atc camp held at cherthala by 01 kerala bn on december 2011.

#### **NCC (NAVAL WING)**

NCC Naval wing began its activities in the 2nd week of August, enrolling 50 cadets under the guidance of Lt Siby Mathew. We inculcate a sense of discipline and leadership among cadets. Besides training cadets in naval service subjects, we gave emphasis on personality development by conducting group discussions, quiz, snap talks & cultural programmes.

Many of our cadets participated in various camps, which gave them an opportunity to get special training in boat work, ship modeling, communication, boat pulling and sailing. Training helps them to develop character, comradeship and to adapt themselves in any spheres of life. P O

cadet Shameem P.H was selected as cadet captain. We have 30 SD boys and 20 SW Girls in our sub unit

With great privilege we are happy to say that P.O cadet Anna Joseph represented Kerala and Lakshadweep directorate at the prestigious Republic camp held at New Delhi. She was one among the three Naval wing SW cadets selected from Kerala to represent the national camp. She also won gold medal in contingent parade.

P O cadet Munna Jose , P O Cadet Anas, L/cadet Jose Domis, L/cadet Tolos Cheriyan, Cadet Irfan Khan, Cadet Sijoy N Sabu, cadet Seby, cadet Abhijith Rai, P O cadet Soumya V, L/ cadet Athira Udayakumar, cadet Neena Jose, Cadet Anu, Cadet Mertlin Disilva,Navneeth Chandran and cadet Roja Nelson participated in the All Kerala Inter-group Competitions held at Kollam. Cadet Roja won gold medal in ship modeling.

P O Cadet Munna Jose, P O cadet Anas are selected to represent the Kerala & Lakshadweep Directorate at Nav Sainik Camp at Vizag. Cadet Abhijith Rai and cadet Ananth attended the Ship Attachment camp at Naval Base Kochi. Cadet Angel P Mathew participated in the Pre-RD Camps. L/cadet Athira Udayakumar attended the CWATC camp at vizag.

About 25 cadets participated in the ATC camp at Kanjiramattam. P O Cadet Anna Joseph and Anil Antony were selected as best cadets. Cadet Angel P Mathew secured silver medal in firing competition.

On October 2<sup>nd</sup> our social service programme PARADIGM was inaugurated by Sri Hybi Eaden, our MLA and a former student of the college. The meeting was presided over by Capt (IN)George Abraham, commanding officer,7(K) Naval Ncc Ernakulam. Rev Fr Prasanth Pallakapillil, Principal S H College Thevara, Councilor Mr Renish P Rajan graced the occasion. As a part of it we spend one day at Government old age home at Thevera ferry. Cadets helped to clean the area .There were lot of sharing between the cadets and the inmates. Both cadets and inmates participated in cultural programmes. Lunch for inmates and cadets were arranged by former cadet captain Shible P Lukose and his family. I would like to thank his family for supporting us for such a noble Endeavour. Lot of Ex Ncc cadets were also present on the occasion. We also handed over medicines and old clothes collected by cadets. On behalf of the cadets of our sub unit I extend my profound gratitude to our principal, commanding officer and all others at 7(k) Naval NCC Unit for their hole hearted co-operation, support and guidance.

## **National Service Scheme (NSS)**

National Service Scheme of our college successfully carried out a number of community oriented programmes this academic year. We have two units of NSS with a total of 202 Volunteers enrolled - 53 Boys and 149 Girls.

Prof. Sibi. K I and Prof. Benny Varghese are the Programme Officers , assisted by Prof. Subhi Sebastian and Prof. Sobha Liz. Mr. Jaya Krishnan (II BSc Botany )and Miss. Anupa S Viawanath(II BA Sociology)are the Voluntary Secretaries and Mr. Ajesh T R (I BSC Chemistry) and Miss. Athira Mukundan (IBA Sociology)are the Junior Voluntary Secretaries.

Some of the major activities and programmes organised this year were:

- 1) Campaign Against Drug and Tobacco Use: – An Awareness Programme for the Shopkeepers of Thevara-Perumanoor locality was conducted along with a Poster Exhibition in the campus.
- 2) Orientation Programme –‘STEPPING STONE 2011’ was conducted for the new volunteers.
- 3) TWO MINI CAMPS were organized this year; one in the college and the other a Nature Study Camp at Nelliampathy.
- 4) SOFT SKILLS DEVELOPMENT PROGRAMME : A number of personality development and soft skills enhancement programmes were organized for the volunteers by eminent trainers.
- 5) Community Visit: Volunteers visited old age homes and orphanages; interacted with the inmates and distributed cloths and provisional items.
- 6) SPECIAL CAMP: The Seven Days Special Camp of this academic year was conducted at Paingottur Panchayath in December with the theme – ‘HEALTHY YOUTH FOR HEALTHY INDIA’

The highlights of the Camp Project were:-

- a) Widening of Chathamattom-Methrankuppu road
- b) Making environment friendly waste disposal facility in the school
- c) Constructing drainage around the playground



- d) Making protective fence around trees in the school
- e) Clearing drainage systems of the school premises .

7) SEMINARS, CLASSES, GROUP DISCUSSIONS, SPEECH COMPETITIONS AND QUIZ PROGRAMMES were conducted on relevant topics in connection with World Environmental Day, World Peace day, World Aids day, International Youth Day, Gandhi Jayanthi, Independence Day, World Population day , Human Rights day etc.

8) KRISHI GADHA- ORGANIC FARMING:-One of the most outstanding activities of NSS this year was the Organic Paddy Cultivation. NSS volunteers cultivated four acres of paddy field near Kanjiramattom which is now growing well and is expected to be ready for harvest by April.

9) TEEN CLUB: - As part of the National Rural Health Mission, NSS organized the State level inauguration of Adolescent Reproductive and Sexual Health Programme. Prof. K. V Thomas, Central Cabinet Minister made its official inauguration.

10) ENVIRONMENT PROTECTION ACTIVITIES:- Volunteers initiated and participated enthusiastically in various action packed environment preservation programmes such as Suchithwa bodhana Varsham- Environmental Masters Training organized by the Cochin Corporation; SUJITHWA BODANA YANJAM-A mission to transform Kochi into a Zero Waste Zone within the next 5 years ; Rally on Mullaperiyar dam threat; Water Chlorination in Thevara –Konthuruthy locality; Campus Cleaning, Planting tree sapling and Eco -Friendly Campus Decoration on the occasion of Hearty Fest.

11) Participation in Workshops and Training programmes: - Many of our volunteers benefited from attending various workshops conducted by different institutions and agencies such as-

a) One day workshop on mental health through community participation held at Town Hall Ernakulam.

b) Leadership Training Camp at St. Terasa’s College Ernakulam

c) Geriatric and palliative care-workshop organized by SRADHA

d) Leadership Training Camp at St Thomas College Palaie) Training on “Learn to earn” at Newmans College Thodupuzha

f) AROGYA YUVTHA- a health awareness programme proposed by the District Panchayath of Ernakulam.

- g) One day seminar entitled “Campus Pulse Project” conducted by the Centre for Public Policy Research, Ernakulam.

The NSS activities of this academic year will conclude with the following programmes scheduled to be conducted this month:

- 1) Seminar on Adolescent Health Problems & Pre-Marital Counseling
- 2) Installation of Health Equipments on the campus and
- 3) NSS FEST

### **Tourism Club**

Tourism club of S.H. College Thevara provide the students opportunity to experience Kerala’s beautiful nature and rural people through travel and trekking trips. Our main objective is to groom the young with love for nature and fellow beings and develop qualities of social commitment, self respect and courage.

Dr. V.R. Mathur, curator, National Museum New Delhi inaugurated the activities of the Tourism club for this academic year on 14<sup>th</sup> July 2011. Forty students with staff members conducted a Trekking trip to *Meenolianpara* on 14<sup>th</sup> August 2011. Tourism club together with the Physical Education Department organized Onam celebrations on September 1<sup>st</sup> 2011. Traditional Onam competitions were conducted.

Tourism club Annual Camp was conducted at *Olippara* in Palakkad District during 4<sup>th</sup> and 5<sup>th</sup> February 2012. Club members visited *Kalchady* Kadar Tribe colony on the first day of the camp. Students and teachers interacted with the tribes, food and snacks were distributed to them. Tribes accompanied the club members led by Fr. Principal in their trekking trip to *Kozhimuttapara* through forest. They visited Vazhachal and Athirappally during the second day of the trip.

Tourism club jointly with NCC, NSS, Nature Club, Music Club and Physical education Department celebrated GANDHI JAYANTI on October 2<sup>nd</sup>. U.S. Consul General in Chennai, Ms. Jennifer McIntyre inaugurated the programme by planting a coconut sapling in the lake view grounds. American Naval officers from USS Ford FFG54 joined our students in the campus cleaning, tree planting and other Gandhi Jayanti celebrations.

### ***Tourism club budjet***

Major Activities	Expected Expenses
Source	Rs.
1. Onam celebrations Contribution from the college	10000
2. One day Trekking trip Collection from students	8000
3. Tourism camp-two days Collection from students	20000
4. Tourism Quiz Contribution from the college	1000

### ***Indo-Japanese Academic Exchange Programme- 2012***

As part of Indo-Japanese Academic Exchange Programme, a team of eleven students', one professor and an administrative official from Nihon Fukushi University Japan visited our college from 14<sup>th</sup> to 20<sup>th</sup> February 2012. The students attended classes on Indian Society, history, economy, education etc. To enable them to understand Kerala, its nature and people, we conducted a boat trip around our back waters and trekking trip to *Paniely poru*. The Japanese students enjoyed home stay with a few of our student's families to familiarize with our family system. An International seminar was conducted on 16<sup>th</sup> February on Nuclear Policy; Challenges in the 21<sup>st</sup> Century. The Indo-Japanese cultural programme conducted jointly by students of S.H. College, Thevara and Nihon Fukushi University fascinated the audience. Nihon Fukushi University and Sacred Heart College Thevara signed an MOU for Academic Exchange and Cooperation on 17<sup>th</sup> February 2012.

### **Womens' Cell**

1. The activities of Swasti for the academic year 2011-12 was inaugurated by hon. Deputy mayor of Kochi Corporation Ms Bhadra B on 7<sup>th</sup> July 2011. Kochi Corporation Councillor Soumini James an alumni of the college was felicitated on the occasion. Women have the innate talent to adapt to newer life challenges she said. social and

political zone is now accessible to women and the right consciousness will strengthen women to take the lead. Rev Dr Prasant CMI chaired the session

2. Ms. Pamela Anna Mathew, director OEN on 22<sup>nd</sup> July 2011 inaugurated the talk series of successful women from different life situations ' My Life-the road taken'. Later she interacted with the students, on ' Entrepreneurship and Challenges'. She discussed the challenges she faced and the lessons learnt from her experience as an industrialist. The hard work and determination behind her success changing the turnover of the company from 6 cores to 60 cores giving lively hood to many.
3. A one day seminar was organised as a combined venture of NSS, Womens Cell (SWASTI) , AICUF and Entrepreneurship club of our college on 'Youth and Governance' on 19<sup>th</sup> August 2011 . Resource persons were from LYF-Centre for public poicy research. 40 selected students attended the prog. Principal rev. Dr. Prasant palackappilil inaugurated the programme.
4. Paper bag workshop conducted by SWASTI encouraging a 'say no to plastic' campaign and an entrepreneurship to the girl student in the bag making on 12 th September 2011. We planned to use this skill preparing it and marketing it with the commerce entrepreneurship club and also for the local use in the college. The class was taken by Usha Kamal a professional trainer of Fevicryl Co.
5. Ms. Muse Mary, writer, columnist and film critic interacted with students of Literary club and SWASTI on the topic-'keralathinte sadachara police'-on increasing atrocities against women on September 17<sup>th</sup> 2011.
6. Craft Workshop for the members of SWASTI on 24th Sept. 2011. The items prepared by the student marketed in the ED Club market organized later in the college.
7. Debate and discussion on the current social issue -'Stop! violence against women' organised to voice the protest against the brutalities faced by girl children.
8. An awareness program me on value of life-a Pro Life seminar on 3rd Jan 2012 for the III year Degree students. A socially committed group 'We for Life' conducted this programme, on the topic- 'Value of Life and Threats to Life'. Mr. Ugesh Pulican was the resource person.
9. A talk on 'safety places for women' for the lady faculty was conducted on 17<sup>th</sup> February 2012. Dr. Neena Joseph, professor, Institute of Management in Government lead the

session for the Lady faculty and a team of faculty interacted with the girl students as a part of their gender audit.

10. As part of shouldering the awareness of various cancers among the students a seminar on ‘Breast cancer Awareness-its causes, early detection and treatment’ was organized jointly with the Zoology Association on 22<sup>nd</sup> Feb. 2012. Dr K Chitrathara, Head, Dept. of Oncology Welcare Hospital Kochi was the resource person.

### **Counselling Unit**

The Counseling unit organizes on a regular basis, counseling sessions and classes on relaxation techniques for the first and third year undergraduate students. On all these days personal counseling is made available to the students and many benefit from this facility. Our college has signed a one year MoU with *Samannuwaya* Counseling Centre, Kaloore and makes use of the services of Ms. Mary mol, a professional counselor.

### **Youth Red Cross Society (YRC)**

***Anti Drugs Day*** : A seminar on the topic “**Misuse of drugs by youth in our society**” was conducted on July 14<sup>th</sup> in connection with the anti drugs day observed on June 26<sup>th</sup>. The formal function was held at Marian Hall at 1.15 pm.

***Blood group detection campaign*** Jointly with Zoology department of our college and Youth Red Cross & AICUF conducted a blood group detection camp for all first years’ students on 28<sup>th</sup> July 2011. Blood group of nearly 500 students were detected and recorded.

We keep a record of the students and their blood groups at our office. More than 68 bottles of blood have been donated to patients of emergency under the initiative of AICUF and Youth Red Cross during this academic year.

***AICUF Day*** of the academic year was conducted on 26<sup>th</sup> of February. The Official Function presided by Vinu Vijayan, President, AICUF Unit, was followed by a session led by Fr. Renjith in which an AICUF’ers shared their experience with AICUF and also changes that AICUF brought in their life which inspired the younger AICUFers. Advisors from different colleges of Ernakulam zone felicitated during the function.

***Outreach programme*** In connection with the AICUF documentary shooting, an outreach programme was organized on December AICUFers visited home for destitute at perumanoor under the guidance of Dr. V.S. Sebastian.

### **JANAPARVAM (OUTREACH PROGRAMME)**

Quality of Life Enhancement Programme, introduced in Maradu Municipality in 2006 by adopting the Govt. Vocational Higher Secondary School, Mankayil, Maradu under the name “JANAPARVAM OUTREACH PROGRAMME” was extended this year to CCPLM School Higher Secondary School, Thevara also.

The Department of Economics has taken the initiative of organizing this extension programme of the college with the involvement of students and faculty members of other departments. Lab-experiments and exhibitions to the High school students of the above mentioned schools were conducted with the involvement of faculty members and students of Department of Physics, Chemistry and Zoology and Botany. Since Chemistry department was celebrating the International Year of Chemistry, special attention and focus were given on lab experiments and exhibitions there. About 150 students and teachers from these two schools were the stakeholders and nearly 60 students and 16 faculty members of the various departments of the college were actively involved in imparting their knowledge and resources for the upliftment of nearby schools.

### **ST. Vincent De Paul Society**

The Society has eight active members and fifty five auxiliary members. It afforded educational help worth Rs. 27,750/- to fourteen students of the college and medical help worth Rs. 57,100/- to eight families. In addition to this the society supports six adopted families. The financial aid was generated from the internal sources mainly contributions from the staff of the college.

### **TALENT CLUBS**

## **Dance Club**

Activities of the dance club for the academic year 2011-2012 was inaugurated by Sri. Nikhil Raj on 9<sup>th</sup> August 2011. The club was renamed “Dance n beats club’ in a colourful function on 27<sup>th</sup> August with Mrs. Lakshmipriya and Mrs. Shoba Liza John as its co-ordinators. Sen Jansen of III BCom (Taxation) was elected as President and Ms. Georgeena as Vice president of the club.

## **Activities**

- Monthly meetings were held on a regular basis
- Participated and won the ever rolling trophy at the CUSAT Cultural Fest (on 18/10/2011)
- Felicitated by the MG University for securing first prize in Oppana at the M.G University Youth Festival held at Ernakulam.
- Performed for a programme organized by the customs and received cash prize.
- Club members exhibited their varied talents at the Heartifest and made the event colourful and successful.
- Participated in various events and intercollegiate competitions (Toc H on 9<sup>th</sup> January 2012, Rajagiri on 12<sup>th</sup> and Cochin College).

## **Editors Club**

The club conducted chat shows in English & Malayalam on various topics under the title Hearti chat.

A training on video editing was conducted from 6<sup>th</sup> to 15<sup>th</sup> February 2012.

## **THE DRAMA CLUB**

## **LITERARY CLUB**

## **Music Club**

The club organized 8 meetings in the year for streamlining the various musical events of the academic calendar .The club activities were inaugurated by Nikhil Raj, Idea Star singer , on 9<sup>th</sup>

Aug,2011.The members brought laurels to the institution by winning major inter-college fests such as Festember, NIT Trichy and NIT Calicut, besides the numerous other individual accolades .While the Heartifest-12 **Janush** provided an excellent platform for the reunion of its illustrious former star singers who regaled the audience with a riveting musical show , numerous other campus occasions showcased the prowess of our excellent musical talent pool. The rock-band ‘Heartbreakers’ consisting pf our own students, is already making waves in the ‘western – fusion’ circuit across the state. The M.G university Youth Festival held at Thiruvalla in Feb-March 2012,was another occasion where SH ‘s singing stars and performing artists stole the show with the 1<sup>st</sup> and 2nd prize in light music for Uthra R Nair and Siddharth Bharath,1<sup>st</sup> prize in percussion (western) and the 2nd prize in (western wind) for Prince and Sam (1 B.Com) respectively. Our Eastern group team won the third prize in the keenly contested event. Our college won the musical overall trophy this year too, in the M G Youth festival, continuing a tradition set long ago. The club has a new staff director in Prof Siby Abraham in place of Prof. P.J Philip who is retiring this year. Ms Sariga and Siddarth Bharath served as secretaries of the club

### **Film Club**

The activities of the Film club for the academic year 2011-2012 was started with the meeting held on 27 July 2011 in the Audi. Balcony. The club was named as Sacred Sequences. The August 2011 by noted film script writer Mr. John Paul in the Marian Hall. After the inauguration the famous French short film “An incident at owl Creek Bridge” was screened, for the packed audience in the Marian Hall. On 12<sup>th</sup> October 2011, the club organized a talk and interaction on “Present day Malayalam cinema and influencing forces. Cine artist Mr. Sidhique was the speaker on the topic. Many students from different departments participated in the interaction section. The club is to produce a college video album in association with editors club. An advisory board of Sacred Sequences was organized with Dr. George Joseph, as the director and Mr. Mohammed Inshad, the secretary. Messages : Mr. John Paul. Film script writer. Mr Sahadevan Andoor(India Vision –TV) and Mr. Siddique (Film actor) were given consent to be members.

### **SPEAKERS’ FORUM**



## **HEARTI FEST**

The 20<sup>th</sup> edition of Hearti fest was celebrated on 14<sup>th</sup> January 2012. This year heartifest was coupled with annual alumni meet and it was christened as “Janush”. On the day, at 3 pm. alumni assemble in the respective departments and later moved to the auditorium for a general meeting. Renowned alumni like union minister Prof. K.V. Thomas State minister, Mr. P.J. Joseph, Hybe Eden MLA, Mr. M.M. Jacob and several others attended the meeting. The meeting was followed by cultural extra vaganza which was stage at the lake view ground in a carnival ambience. Star Alumni staff and students performed in the programme which was a combination of music-dance-drama events. The programme was started at 6.30 p.m. and it was a non-stop entertaining event for four hours. The staff secretary, Dr. Joy P. Joseph co-ordinated the event.

## **CAREER ORIENTATION**

### **CAREER GUIDANCE CENTRE**

The centre provides guidance and training to the students for their careerdevelopment to enable them to be employable together with the completion of their degree programme.

The career library is equipped with literature of almost all competitive exams for professional courses and job opportunities for the students of all disciplines. This section contains various text books, Journals, guides and previous question papers of competitive exams. The centre is having 700 books and 16 periodicals dealing exclusively on career matters. A career information section is also a part of the library.

### **Functioning**

The centre functions on all working days from 9.a.m. to 4.45 p.m. All students of the college have access to this centre. A full time staff is appointed for its smooth functioning.

### **Activities during 2011-12**

Career Guidance Centre has organized various programmes for the entire student community of our college. NIIT, Global Net, Ernakulam gave a career orientation talk to 1 D C Students on 27<sup>th</sup> June .

With a special focus on students of economics a career seminar and aptitude test was organized under the leadership of TIME Institute on 16<sup>th</sup> June.

For the first time in the college One Day Career exhibition was conducted on August 24<sup>th</sup> to introduce vast avenues of job training, placement, courses and institutes in this field. 12 leading institutes covering various areas of future career participated in this venture and 2000 students benefitted out of it. The Amity International, Flying Goose Aviation Academy, Habitat Academy, R. H. Academy, AMECS, NIIT, Speed Wings, The Study Zone, Focus Edu Care, St. Joseph's College of Engg. And Technology, Cargomar Educational Society, King Fisher Training Academy etc. were some of them.

The centre organized a training programme for the final Degree and P.G students in Arts and Humanities stream on Group discussion, interview techniques and C.V. writing led by R.H. Academy in October.

The Focus Edu Care has given training on soft skill development to all final Degree students belonging to the science stream in January, 2012.

The Career Guidance Centre Jointly with the Computer Centre of the College started Free Online Coaching Programme in December on career related aspects for the college community under the initiative and support of Amrita Institute of Technology.

The APTECH group conducted an I.Q. Test for the Final Degree Students on 2nd February 2012. There were many presentations on employment potential related courses and coaching facilities by various agencies in the college. Some of them are listed below:

- 1) Coaching facilities for Civil Services, CSIR/ UGC JRF- NET/ SET exams, IELTS/TOEFL/GRE/GMAT/GATEetc. by Advanced Studies Training Research Academy(ASTRA), Ernakulam
- 2) Various job opportunities and career courses abroad by ABC Study Links Pvt. Ltd
- 3) Bank clerical exams by Career Focus, Ernakulam.
- 4) Various undergraduate and post graduate courses by Campus International Overseas Education Advisors .

- 5) Job opportunities in international Air-ports and Air lines by Flying Goose aviation Academy, Ernakulam
- 6) Soft skill development by NIIT, Ernakulam
- 7) Hospitality Management in Air ports by Kingfisher Academy

### **Civil Service Study Circle (CSSC)**

### **Campus Recruitment and Placement Cell**

The Campus recruitment and Placement cell made significant performance during the academic year. Campus recruitments started picking up during 2011-2012, which was limited due to recession. The campus recruitment of the year commenced during July 2011, with the recruitment by South Indian Bank Ltd. SIB gave selection to 18 students of the college during the year. In addition several reputed corporates approached the college for recruitment. They include TCS Ignite, OPI Global, Digital Nirvana Information systems Ltd etc. OPI Global selected 5 students and Digital Nirvana Information Ltd. selected 8 students. In addition 16 students of BSc (Computer Application) got selected in WIPRO, Infosys and Poornam information.

Dr. Thomas T.P. Placement co-ordinator and Dr. C.S. Francis (Eng. Dept) attended a ten day soft skill training programme organized by AIACHE at Poona Papal seminary during May 2011.

### **NET COACHING**

### **Sample Survey and Analysis Wing (SAW)**

The Sample Survey and Analysis Wing (SAW) is an academic body of students interested in statistical methods of collection, classification analysis and interpretation of

statistical data. It provides students an opportunity to understand the importance of Statistics and its applications in research work especially in social sciences, natural sciences, demography, agriculture, insurance, financial modeling and marketing.

The club consists of 40 students from B.Sc. Mathematics and B.Sc. computer applications. Sri. Sony John of 3<sup>rd</sup> year computer .applications lmd Ms. Anisha Anilkumar of 2<sup>nd</sup> B.Sc. Mathematics are the Secretary and Joint Secretary of the club. Prof. Cyriac Antony of the dept. of Mathematics and Ms. Lakshmi Priya R. of the dept. of Computer applications are the coordinators of the club.

The activities of the club for the academic year 2011-12 was formerly inaugurated by Mr. Roy Joseph, Assistant director and head of Statistics division, Spices Board, Govt.of India on 25<sup>th</sup> of June. Principal Fr. Prasant Palackappilly and Prof. Joy Mathew, Head, Dept. of Mathematics offered felicitations.

### **National Statistics Day**

The club celebrated June 29 as the National day of Statistics. The day was observed to commemorate the birth day of Prof. P.C. Mahalanobis, the father of Indian Statistics. A poster exhibition, showing the achievements of India in the socio-economic field was the main program of the celebrations.

### **Group Discussion on 'BOLT' and 'TOLL'**

The 'Toll' collection on roads and bridges is always a controversial issue in many places. Under the auspicious of SAW, a group discussion on 'BOLT' (Build, Operate, Lease and Transfer) and 'Toll' on Roads and Bridges was held on 14<sup>th</sup> July. Noted environmentalist Dr. C.M. Joy, Financial analyst Dr.T.P.Thomas, Dr. Thommachan Xavier, Dr. Joy P Joseph etc. participated in the discussion.

### **Student opinion survey**

The SAW conducted a survey regarding the opinion of students about the college timings and other related matters. Majority of girls favour a change in the present college timings.

### **Chess Tournament**

As part of the Onam celebrations, the SAW and the Mathematics association jointly organized a chess tournament. Mr. Abhimanyu Udayan of III DC Physics won the first prize (Rs. 1000/- ) and Jayalal R of III DC Chemistry won the second prize(Rs.500/- )

### **Exit Poll-2011**

In connection with the college union elections, an exit poll was conducted on 14<sup>th</sup> October, 2011. The results were published immediately after the close of the poll. Out of the seven results, six were in tune with the exit poll. An error of less than 2% occurred in one of the results. Almost all the members actively participated and were a new experience for the students.

### **Quiz on Statistics**

To create an interest on statistics and data analysis a quiz programme on Statistics was organized for our students. We are glad to report that two teams from our college were selected by the old students forum of department of Statistics,CUSA T for the final round of all Kerala Quiz on Statistics to be held in March.

### **Study on inflation**

A statistical survey was carried out by SAW to study the impact of the price rise of essential commodities on Kochites.

### **ESA – EMPLOYEE STAFF ASSOCIATION**

Almost four decade old association for the welfare and development of the non-teaching staff is guided by the Bursar, Rev. Fr. Joby. Mr. P.D. Johnson is the Vice President and Mr. Kuriakose K.J. is the secretary. It organizes periodical meetings and development programmes for the benefit of the non-teaching staff.

## **CO-OPERATIVE SOCIETY**

### **DIET**

In the backdrop of the inflation in the market, and the unhygienic practices in the commercial Hotel business, the SH College welfare association, is running the DIET canteen, for providing cost effective, healthy food to its members as well as the public in the vicinity. It has adopted a new facetoft by introducing a professional micro level management to the day to day affairs of its services from March 1<sup>st</sup> onwards, and initially the customers have welcomed the change. It employs 15 persons directly and 5 persons indirectly. Association considers the deserving students for providing free meals during noon.

Thevara

20/03/2012

Principal