



annual report  
2015 - 2016

a  
righteous  
heart seeks  
after wisdom



annual report 2015-2016

## Vision

Fashioning of an enlightened society founded on a relentless pursuit of excellence, a secular outlook on life, a thirst for moral values as well as an unflinching faith in God.

## Mission

To provide an environment that facilitates the holistic development of the individual, enables our students to play a vital role in the nation-building process and contributes to the programme of humanity, disseminates knowledge even beyond the academia, instils in the students a feel for frontier disciplines and cultivates a concern for the environment by setting lofty standards in the ever-evolving teacher-learner interface.

**Motto:** A righteous heart seeks after wisdom.

## Academic Credentials



### NAAC STATUS

# A(3.3)

in the third cycle of accreditation

### INDIA TODAY RANKING

#### NATIONAL

**no. 28**  
A R T S

**no. 27**  
SCIENCE

**no. 28**  
COMMERCE

#### STATE

**no. 1**  
A R T S  
COMMERCE

**no. 2**  
SCIENCE

### THE WEEK RANKING

#### NATIONAL

**no. 36**  
A R T S

**no. 21**  
SCIENCE

CPE- since 2004 now in third phase



## College Statistics

16

UG programmes

15

PG programmes

Ph.D Programmes

6

3

M.Phil Programmes

Total student strength **2390**

including **88** Ph. D scholars



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## Message from the Manager

There should be sufficient room for free and creative thinking, and the exchange of the fruits of such thinking so much so that classrooms become laboratories for nurturing creative intelligence.

I am very happy to learn that the Annual Report of our college for the year 2015-16 is going to be published. During the last two years, after we were granted autonomous status, we have made great strides in the overall development of the college. The report contains a bird's eye view of the steps towards this growth.

Besides streamlining the examination schedule and the admission process last year itself, we are now moving ahead updating the syllabi of the existing courses and introducing new ones. This we have done in spite of the space limitations of our college. We hope that by next academic year we will be able to enhance the physical facilities of the college.

The most important development envisaged in the system of autonomous colleges is the transformation of teaching-learning process. This has to grow beyond accumulation of knowledge and reproduction of the same in and through various types of evaluation processes. There should be sufficient room for free and creative thinking, and the exchange of the fruits of such thinking so much so that classrooms become laboratories for nurturing creative intelligence. This will help our students move ahead in this era of knowledge industry. Already steps are being taken to create opportunities for the students to critically evaluate and practically utilize what they learn. I am sure, this will become a durable and systemic pattern of our teaching-learning process.

My best wishes to all, especially to the Principal and the teachers, who constantly endeavour to make our college the best among the higher educational institutions in the country. At present we are among the first thirty or so; we shall definitely move up further and reach the top in the near future.

Fr. Dr. Jose Kuriedath CMI  
Manager



**Rev. Dr. Jose Kuriedath**  
Manager



**Rev. Dr. Prasant Palackappillil**  
Principal

Autonomous Status since 2014 - Moving into the Second Year, it is evident that the students are the primary beneficiaries with exams being held on time, results coming out as planned helping in remedies and improvement, and grievances being attended to without delay. At the core level, efforts to improve quality of curriculum and make it relevant through timely revisions are happening - new curriculum and syllabi were introduced for almost all UG programmes, except Mathematics and English, with effect from 2015.

## ANNUAL REPORT 2015-16

The various BoS have been working on the PG curriculum and have almost completed the revision of PG curriculum and syllabi to be implemented from 2016 admissions.

**New Programmes in 2015:** M.A. in Sociology, M. Phil in Economics, Commerce and Physics.

**New Courses:** IFRS in Commerce, BEC was re-vamped for English learners. Discussions are on with various industrial partners to have courses and programmes which are industry relevant.

Environment education has been introduced as a mandatory programme in the second semester as per UGC guidelines and the Supreme Court directive. This is being implemented through the active involvement of research scholars.

An additional mandatory credit has been introduced in the curriculum for service learning in tune with the vision and values of Sacred Heart College. Under this a student has to contribute forty hours of service in two years with documentary evidence.

Students’ Strength

UG Students - 2018  
Boys - 826, Girls - 1192

PG Students - 372  
Boys - 79, Girls - 293

The key bodies of autonomy, viz., Boards of Studies, Academic Council and Governing Council with representatives from the UGC, Government of Kerala and the MG University hold regular meetings for quality review and policy formulations.

ACADEMIC SCORE CARD UG 2015

PROGRAMME	APPEARED	PASS	PASS %	Grade awarded					
				A+	A	B+	B	C+	C
BA ENGLISH	30	19	63.33		2	8	7	2	
BA ECONOMICs	63	51	80.95	1	7	16	11	10	6
BA SOCIOLOGY	30	18	60.00		2	2	6	6	2
BSc MATHEMATICS	31	29	93.55	3	9	7	8	2	
BSc PHYSICS	46	44	95.65	1	13	13	11	3	3
BSc CHEMISTRY	41	35	85.37	1	9	15	7	2	1
Bsc BOTANY	36	33	91.67		3	9	9	10	2
BSc ZOOLOGY	45	40	88.89		5	18	9	7	1
BCom TAX	66	64	96.97	2	23	20	13	5	1
B Com Tax SF	39	39	100.00		2	7	18	8	4
BCom CA	62	56	90.32		3	17	13	18	5
B Com TT	35	26	74.29			4	8	6	8
Bsc COMPUTER APPLICATION	32	23	71.88		3	9	1	5	5

**WWS - SSP** - Special programmes that support advanced learners and those who struggle with learning have been introduced. A special orientation programme for the mentors of various colleges was held at Sacred Hearts on January 29th.

**Remedial** - special coaching sessions were held for students who require additional support.

**Holistic Education** was given an extra stress with coordinated efforts of the faculty members under the guidance of Prof. R.K. Varghese. A one day renewal programme is organised for every batch. A life orientation programme was organised for III DC students.

**Students’ Union:** Sri Arjun Lal of III DC Chemistry was duly elected Chairman, in addition to other office bearers, as per set norms, providing a

democratic platform for student leadership and creativity. The union will present its activity report separately. They were actively involved in guiding the student community in various college programmes and extension activities, besides organizing film festival in a very creative manner. They have planned a very unique programme inspired by Kochi Biennale.

Achievements

TEACHERS

Dr.Jorphin Joseph rejoined the Dept. after his successful completion of Raman Fellowship at University of Texas. Dr. Franklin J was awarded the Guideship by M G University. Dr. M G George went to USA in May - June 2015 and presented a paper. Prof. Joseph John has been re-elected as Syndicate member of CUSAT.

Raju KA, Director of Physical Education, Ligori Alphonse, Department of History,



Sajoy P.B. of Commerce Department and Rohini of Mass Communication and Journalism have been awarded doctorates in their respective disciplines.

Radhika P.C. is awaiting defense for Ph.D this month.

Dr. Asha Joseph’s short film ‘Ore Utal’ made with active student participation, was selected for the National Film Festival held in Goa, apparently the only in the genre from the state. It has won appreciation from various corners.

Priya P.S. of Commerce department obtained MBA from Pondicherry University.

Dr. Georgekutty and Dr. Samson Davis were conferred guide-ship for doctoral research.

Presentation by Dr. Roby Cherian on the energy conservation efforts of the college won first prize among the arts and science college in the BPCL contest.

Dr. Jinu George attended conference in London, UK and presented a paper in June 2015.

Dr. M. George was in the US for a month in connection with his ongoing laboratory experiments.

Students Achievements  
Academics

Two of the students from the department of Sociology Anjana Raghavan and Terese Mary Chacko secured the highest marks and became the University toppers of the BA Sociology examination conducted by the MG University for the academic year 2014-15. Aiswarya Venugopal and Lima Kunjachan secured A+ in the B.Com Degree Examination of M.G. University in March 2015. Four students secured A+ in the Final B.Sc. Mathematics Examination held on March 2015. Rosna Paul, Remya Rajagopal, Najiya K.Z and Pyary C.H, got 1st, 5th, 6th and 7th positions respectively. The

B.Sc rank holders of department of Physics are Ms. Merin and Ms. Rosmy. Ms. Pricymol and Sreelakshmi Sreekumar from department of Botany secured M.Sc. 2nd Rank and B.Sc. 3rd Rank respectively. Renuka S. of the BA Economics programme obtained A+ grade and first rank in the University examination. Ms. Thamburu Vijayan, Ms. Lakshmi Sarojam and Ms. Athira Nair D. of the last batch of non-autonomous stream secured the first three positions respectively in the MG University M.Sc. Zoology Examination.

Sreelakshmi Sreekumar, III B Com TT has been elected to MG University Senate 2015.

NET - Kiran George Koshy (2011-13) and Princymol A.P. (2012-14) cleared UGC NET

Placement

122 students have been absorbed in various organisations like South Indian Bank, Federal Bank, Goldman Sachs, WIPRO, McKinsey & Co & RBS.

Sports

Arjun M.R. and Maria Roney of I BCom represented India in Shuttle Badminton and Table Tennis respectively. SH College topped in the M.G. University Inter Collegiate Tournaments becoming WINNERS in Shuttle Badminton (Men), Volleyball (men), Kabaddi (men), Tennis(Men), Table tennis (men), Table Tennis (women)

54 SH students have represented the university in various disciplines.

The college has secured an overall second position in sports events in the past year, and is likely to get that as first, the final tallying of scores is awaited.

Arts

The winners of the Youth festival were as follows:

1. Aswathy Jugesh (Bharathanatyam, Folk Dance, Other forms of Dance)



2. Amrtha (Mohiniyatom)
3. Margamkali - 3rd
4. Oppana - 3rd

Maintained third position in MG University Youth festival.

Inter-university south Zone - Megha P. Joseph, Ally Achamma Sebastian (III BA English), Olive Abraham Chandi (I MSc Chemistry) won first prize in Skit and second prize in Mime.

### Clubs & Fora Activities

**NSS** - The three day mini camp for the year 2015-16 commenced on 21st august 2015. 150 students attended the camp. The seven day annual camp of NSS unit of the college was held at Govt. UP School, Chempankuzhy near Nerimangalam from 18 - 24 December 2015. One hundred NSS volunteers attended the camp. A solar water heater for Palluruthy Relief Settlement costing almost Rs. 40000.00 was installed by the NSS Unit

### NCC Air Wing

JUO Meenakshi T. G was the only cadet from the Kerala & Lakshadweep directorate for this year's YEP (Youth Exchange Programme) to Singapore. Under the command of Fg. Offr. Dr. Joseph George, the Combined Annual Training Camp (CATC) was held at SNV HSS North Paravur with strength of 583 cadets from 21 schools and 6 colleges from 18th December, 2015 to 28th December, 2015. College won the runner up trophy of the camp. 8 Cadets are eligible for their 'C' Certificate Examination and 19 for their 'B' Certificate Examination this year.

### NCC Army

Another significant achievement of this year was that SGT Varuna C Mohan of 3rd B.Com Taxation attended the Republic Day IGC Camps and also the prestigious Republic Day Camp on 26th January, 2016 at New Delhi.

### NCC Navy

Cadet Riya Tomy was selected to represent Kerala and Lakshadweep directorate at the prestigious NAU SAINIK CAMP (January 2015). She won a gold medal in Health and Hygiene and competed for the Best Cadet title in Karwar. Cdt. Dinu T David, Alphy Mathew, Anjaly Jobai attended All India ATC held at Kozhikode and won gold medal in parade competition, group dance & Ever Rolling Trophy in Service Subject. Leading Cdt. Sonu Siwach, Cdt. Ankita Kumari, Cdt. Deena T David attended NIC Delhi in January 2016. As a part of creating career opportunities, NCC Naval Wing with the cooperation of Coast Guards conducted a career orientation camp and presented the

career opportunities in Indian Coast Guard service.

All the three NCC wings were very active with their own outreach programmes besides contributing richly to the programmes organised by the college under HEAL.

### AICUF

Organised camps on the campus and ensured participation of members in various social sensitization and outreach programmes across the country in Kalady, Attappady, Chattisgarh and Mumbai.

### JESUS Youth

Apart from regular prayer sessions, they were actively involved in weekly campus cleaning and awareness campaign. Snehasangamam during Christmas provided festal celebration and monetary help to around 200 destitute individuals.

**SADAS** (Students Against Drug Abuse Alcoholism and Suicide) was inaugurated by Saumini Jain, Hon. Mayor of Kochi Corporation on 2nd December 2015. It has been holding a sustained campaign against drugs, through 'ADDICTED TO LIFE' programme.

**Creativity Club** - is a new addition to the array of clubs. The graffiti-wall a transformed structure, has been their outstanding contribution of the year.

**Film Club** - has been very active with weekly shows and reviews, monthly show of popular movies on large screen and a very intensive workshop on basics of movie production - MOVIOLA in collaboration with the School of Communication.

The Various Nature Clubs especially, **Bhoomitra sena**, have been very active with observation of various days of environment significance like Ozone Day, Wetlands Day, Water Day, and Science Day with Prof. Midhun of Chemistry taking the lead. Prim Rose organized *karkidaka kanji*.

An Environment awareness programme is organised with the support of CED under the guidance of Dr. Giby Kuriakose.



Urjakiran programme under CED was guided by Dr. Mathew George of Physics Department.

**Speakers' Forum** organized a campus camping for personality development in addition to their regular discussions.

**Tourism Club** - held a campus camp with sharing of international travellers and a tent pitching training.

**Heartifest 2016** held on 16th January, 2016. Chief Guest - Gopisundar. Dr. V.P. Gangadharan presented the report of Health Survey conducted as part of HEAL project. There was a gathering of around 7000 people.

**IQAC** of SH College organised a two day workshop on Philosophical Framework in Curriculum Design, Evaluation and Academic Mentoring sponsored by NAAC on 19th and 20th of June 2015.

**Music & Dance club** have organized various performances. Dance club introduced a two-credit course for dance club members and there were around 40 students who completed the course directed by US dance expert Dr. Kanta Kochhar Lindgren and team.

**ED Club** organised payasamela and a trade fair. Two faculty members were sent for training in ED at EDI, Ahmedabad.

**SWASTI Women's Cell** - Women's Cell worked as a very vibrant unit initiating awareness, empowerment and action programmes. They include betterment of ladies retiring room facilities, paper bag making, cancer survey and participation in state level deliberations.

### UNIQUE PROGRAMMES

**Swachha Bharath - Swaccha Thevara** - HEAL is guiding this programme with all the clubs contributing by way of surveys, awareness creation and cleanliness campaigns. They had a week-long celebration of cleanliness involving all neighbouring educational institutions culminating in the *Suchitwa bodhana Yajnam* rally on Jan. 11th.

**HEAL** Heartian Extended Arm for Life (HEAL) was launched as the extension wing of SH College. Its first two programmes are Comprehensive Cancer Prevention Programme (CCPP) in 3 divisions of Kochi Corporation, viz., 58, 59, 60 & **Chavara Bhavana Padhati** - a house a year.

**Chavara Excellence for Social Transformation Lecture** was delivered by renowned journalist and orator, Magsaysay award winner Sri P. Sainath on Dec. 15th, 2015, on 'Media, Money-power and Democracy'.

**Sargapatham 2015**, the prestigious inter-collegiate literary pentathlon was held on 19-20 November, 2015. Symposium on Social Media: Perils and Potentials.

**New endowments** - Prof. Jolly Lukose Endowment.

**Heartian Science Congress** - A session on Nobel winning contributions of the year and the presentation of best projects from all departments were held. Dr. V.J. Dominic Endowment Prize was awarded to the best presenter.

**Scholarship Distributed** - through KPCR, Pratibha, INSPIRE, Higher Education scholarships and Merit cum Need scholarships of the college, an approximate amount of Rs. 12 lakhs has been availed by the students as scholarship.

**AASH - Alumni Association** - it held various meetings during the year. Promoted alumni gatherings on and off campus. A campaign for the Cancer Care programme initiated by AASH is 'contribute a day's salary', which was launched during HEARTIFEST.

A unique venture under its initiative was that of EDU - IT EXPO which was held as a prelude to HEARTIFEST. Almost 25 agencies took part, and it has generated a surplus of one lakh which was contributed to HEAL project.

**PTA** Vice President - Ms. Meenakshi V.P.

Regular PTA meetings were held every month to review the matters. SMS has been introduced to alert parents regarding happenings on the campus. A parental council was convened once, and an orientation to new parents was organized in the month of June.





### New Facilities

**Lift** - a dream of past five years has come true, and is an enabling facility for people facing challenges on account of age or other physical disabilities.

**New Cafeteria** - SH Foodies Corner has been introduced as an additional facility on the campus.

**Parking Area** - A paved parking cum activity area has been made adjacent to the entrance to the grounds. 15 cars can be parked.

**New smart classroom** - III BA English

### Retiring Teaching Staff

Dr. C.M. Joy (Associate Professor, Botany), Dr. T.J. James (Associate Professor, Zoology), Jose P. Joseph (Associate Professor, Mathematics)

### Retiring Non-Teaching Staff

Kuriakose K.J. (Lab Assistant), Paul Sebastian (UD Clerk), Varghese T. (Lab Assistant)

### New faculty members

Dr. Ima Neerakkal (Associate Professor, Department of Botany), Rev. Dr. Joseph Varghese (Assistant Professor, Department of English), Dr. Mathew George (Assistant Professor, Department of Physics), Mr. Vishnu Raj (Assistant Professor, department of Oriental language) and Ms. Raagam P.M. (Assistant Professor, Department of Zoology)

College office administration was taken over by the new Superintendent Sri. Thomas A.L.

Student Development Officer- Abin Ambili

Counsellor - Rev. Sr. Valsa.

**INTERNATIONAL** - SH international office continued to have its alliances with the existing partners namely, Juniata College, USA; AUT, New Zealand; Nihon Fukushi University, Japan; Concordia College, USA

Manu of III DC Physics was sent to Fukushi, Japan under the existing MoU of student exchange for a week long Youth Conference in the second week of August 2015.

Ashwin Romy, Hridya Jayram, Maria, Banushree and Muhammed Nissin were selected for the exchange programme. They

were accompanied by Dr. Grace Thomas to Juniata College, USA.

A team of nine students accompanied by their faculty Prof. Neil Pelky visited our campus on 13th January 2016 for a study on culture. They were given inputs regarding the cultural and social aspects of Kerala Economy and development model.

A team of 10 students from Japan Nihon Fukushi University is approved for visiting our campus on the 15th of February 2016. They remained in the campus till 21st of February 2016.

Fr. Principal attended the general conference of International Federation of Catholic Universities (IFCU) in Melbourne, Australia in July 2015.

There were five Japanese students undergoing part time English coaching on the campus as per the existing MoU between the organization Indocosmo.

An MoU regarding student transfer and faculty exchange has been signed with Concordia University, New York.

Under Scholar in Residence Programme of ERUDITE SCHEME, Dr. David W. Tarasick, Senior Scientist, lectured on 'Modelling and Integration Research', Air Quality Research Division, Environment of Canada.

Meenakshi (Computer Science) was selected for the International Youth Exchange programme of NCC (Air Wing) in Malaysia for a month.

There were several international visitors who had shared their experience and insight with various student groups under visiting faculty programmes.

### OBITUARY

Muhammed Hassan of B.Com (TT) left us in March, 2015.

Jomiya Varghese of first semester B.Com passed away on 21-11-2015.

Kishan of Sociology department passed away on 28-01-2016.

Former administrative staff member Sri. Devassy Kanatt passed away in January 2016.

## Administration



**Rev. Dr. Jose Kuriedath**  
Manager



**Rev. Dr. Prasant Palackappillil**  
Principal



**Rev. Dr. Jose Thuravackal**  
Vice Principal & Bursar



Staff Secretary  
**Prof. Siby Abraham**



Staff Representative &  
PTA Secretary  
**Prof. Rajesh James**



College Council Secretary  
**Dr. Georgekutty Joseph**



## Department Activities

### Department of Aquaculture

- ❖ The 2015-17 batch of students joined on 20th July 2015. The course was inaugurated by Dr. Cyriac Antony, Dean of Sciences.
- ❖ Faculty members have acted as resource persons in various scientific and technical committees and workshops. The students have participated in hatchery visit, training in national laboratories/Institutes as part of their study programme.
- ❖ Smt. Sangeetha K.R., Asst. Professor, attended the ICAR summer school on 'Recent Advances in Biodiversity Conservation and Management' organized by CMFRI from 16th February to 8 March 2015.
- ❖ 1st & 2nd semester students visited the National Fish Seed Farm at Malampuzha 13-14 August 2015.

#### Training for students:

- ❖ IV semester students attended Fish Processing Factory training (hands on).
- ❖ IV semester students attended laboratory training for the identification of Bacteria of Public Health Significance at CIFT
- ❖ IV semester students attended the commercial training on Fish Canning and HACCP at National
- ❖ Institute of Harvest and Post Harvest Technology, Cochin
- ❖ Syllabus revision committee was held on 19th June 2015.
- ❖ Final revised syllabus was submitted to the Academic council in December 2015.
- ❖ Course curriculum for the 'Certificate course on Training in ornamental fish culture' was also prepared.
- ❖ Training programme conducted : Hands on tool training in ornamental fish breeding, larval rearing, fish diseases and bio security aspects of ornamental fish trade and culture"from 21-25 April 2015 for the beneficiaries of Andhra Pradesh.

#### Membership in Academic/Scientific committees

Dr. V.C. George

- ❖ Member of the Final Inspection and Sea Trial committee of Research Vessel R.V. Cadalmin of CMFRI, Cochin
- ❖ Member of the Expert Committee for construction and supervision of sea trails of the Multipurpose Research Vessel of CIFT, Cochin at Goa shipyard.
- ❖ Member of Quinquennial Review committee of CIFT for the year 2009-2013
- ❖ Chairman for the Best paper Selection Committee of Society of Fisheries Technologists of India for the year 2014
- ❖ Paper setting for M.Sc Industrial Fisheries, Cochin University of Science and Technology.

Dr. T.V. Anna Mercy

- ❖ Member of the Question paper setter for the Agricultural Scientists Recruitment Board (ASRB, New Delhi) (Main) Examination 2015 in the discipline of Fisheries Resource Management
- ❖ Member of the Peoples' Commission on Vembanad Ecosystem, constituted by KSSP to look into the various issues of Vembanad Wet land Ecosystem, including the CRZ Violations, in this critically vulnerable coastal area with Dr. Prabath Patnaik - Chairman (Former Vice Chairman, State Planning Board, Kerala) and Dr. CTS Nair - Member Secretary (Former Vice chairman, KSCSTE)
- ❖ Expert member of Multi Disciplinary Team (MDT) for Monthly Technology Advice (MTA) - Ernakulam District. Agricultural Technology Management Agency (ATMA), Govt. of Kerala, Civil Station, Kakkanad, Ernakulam-30.





- ❖ Member of the Assessment committee of the scientists of CMFRI.

#### No. of conferences/ Lectures organized by the department

- ❖ A lecture was conducted on 10th September 2015.
- ❖ A lecture by Dr. Shaji, Deputy director of Marine Products Development Authority, Cochin was conducted on 7th August 2015 on "Aquaponics"
- ❖ An Exhibition of "Aquaculture and Fisheries" was conducted on 4th August 2015 at the College for the students and neighbourhood schools which gathered the lot of attention from many people.

#### Areas of consultancy offered and revenue generated.

- ❖ Consultancy is given in the following areas of expertise.
- ❖ Aquarium tank construction.
- ❖ Aquarium tank setting & maintenance.
- ❖ Ornamental fish breeding.
- ❖ Live feed culture for the larval rearing of ornamental fishes.

### Department of Botany

- ❖ **Silver Jubilee of Research Centre** - The first research centre of the college, the Department of Botany, celebrated its Silver Jubilee this year. The celebrations were inaugurated by Dr. Sheena Shukoor, Pro-Vice chancellor, M.G. University, Dr. M.C. Dileep Kumar, Vice Chancellor of Kaladi University presided over the valedictory function.
- ❖ **Flora Fest**, the cultural extravaganza of the department was celebrated in February.
- ❖ **Guruvandhanam**, a programme sponsored by the 1968-71 alumni batch to pay tribute to the late Prof. T.U. Joseph was on 11th April. Dr. Bahulayan, a leading cardiologist was the guest of honor.
- ❖ The **Museum** was enriched with 21 upland varieties of rice by Dr. P. Ravikumar.
- ❖ The list of Ph.D. awardees increased to 18.
- ❖ Dr. Jose John, Dr. M.S. Francis and Dr. Giby Kuriakose penned one book each. Botany association brought out 'DALAMARMARAM', the manuscript magazine and 'BOTANICA', the newsletter.
- ❖ Kiran George Koshy (2011-13) and Princymol A.P. (2012-14) cleared UGC NET. Ms. Princymol and Sreelakshmi Sreekumar secured M.Sc. 2nd Rank and B.Sc. 3rd Rank respectively.
- ❖ Dr. George Joseph, HoD and Dr. Joy P. Joseph retired from service and Prof. Jacob Varghese shifted his service to Bharathmatha College. Dr. M.S. Francis assumed office as HoD in June. Dr. I'ma Neerackal joined the faculty in July. Mr. Kiran George Koshy and Mr. Ebin P.J. joined the department as guest faculty.
- ❖ **Botany Association** activities for the year 2015-16 were inaugurated by Dr. Imelda Joseph, Senior Scientist, CMFRI. 'Fruitipedia' an exhibition of the wide spectrum of fruits got public attention and appreciation. The P.G. syllabus revision was inaugurated by Dr. D. Narasimhan, Associate Professor, Madras Christian College in July and the finalized syllabus was approved by the Board of Studies on 26th November.

- ❖ **Kinash** - The project work of degree students has got a new impetus with the induction of Hands on Training in a wide array of applied areas such as mushroom cultivation, chocolate making, medicinal plant cultivation, tissue culture, flower making and floral arrangement, nursery management, etc.
- ❖ Under the able coordination of Prof. Roy Zacharias, the department has distributed more than 2000 vegetable saplings and is now facing difficulty to meet the demands.
- ❖ **Fr. Aquinas Quiz** - 12 teams from various colleges of Kerala represented in the Fr. Aquinas Quiz and the 1st prize was bagged by U.C. College, Aluva.
- ❖ Reshmi S. and Soumya Murali have submitted their Ph.D. thesis for adjudication. At present there are 10 research scholars in the department. Manikuttan K. (III B.Sc. Botany) was selected as the MG University Basketball team captain.

### Department of Chemistry

- ❖ A well-equipped water analysis lab is functioning and it offers consultancy service in the field of water testing and water quality management.
- ❖ Commemorated International Ozone Day on Sept. 16, 2015 with an invited lecture and the students were engaged in poster, painting and elocution competition etc. Dr. Joseph (Asso. Prof, Maharajas college) inaugurated the function.
- ❖ We have conducted a programme called **BODHI-2015** in connection with national science day (February 28). A chemistry awareness programme (CAP) was arranged for school students. Students were initiated to participate in Chemistry Quiz, Poster and working model competitions etc. Dr. Rani Joseph (Professor Emeritus, CUSAT) inaugurated the function.
- ❖ **Chemistry Association** was inaugurated by Dr. K. Gireesh Kumar (Prof. Dept. of Applied Chemistry, CUSAT) - He delivered a talk on "Chemistry- For and Against Life"
- ❖ Dr. Joseph John is renominated to the syndicate of CUSAT by the Govt. of Kerala
- ❖ Prof. Aravindhakshan Kartha Endowment Lecture - A talk on GCMS by R. Girijavallabhan on 10-08-2015
- ❖ Dr. Jorphin Joseph rejoined the Dept. after his successful completion of Raman Fellowship at University of Texas.
- ❖ **Prof. K.J. Thomas Jacob Endowment lecture** by Dr. Bhakta Singaram.
- ❖ **KVT National Seminar** - 14th Prof. K.V. Thomas



Endowment National Seminar on "MOLECULAR APPROACH TO CURRENT ADVANCES IN CHEMISTRY" organised by Post Graduate & Research Department of Chemistry on 07 - 08 December 2015. Inaugurated by Dr. S Christopher, Director General of DRDO, Govt of India. Prof. K.V. Thomas was present.

- ❖ An interaction with the guest was done by faculty was convened in the morning to probe areas of research in collaboration with DRDO Resource persons for the seminar were Prof. Siva Umapthy and Prof. E. Arunanan (IISC) Prof. A Samantha (University of Hyderabad) Prof. Mangala Sundar (IIT, Chennai).
- ❖ **Prof. P. J. Joseph Memorial Quiz** on 27th January 2016.
- ❖ **Chirasmarana** - Alumni honouring programme on August 2015.
- ❖ Dr. Franklin J. was awarded the Research Guideship by M. G. University.

### Department of Commerce

#### Faculty Members

Dr. Mathew Jose K. took charge as the Dean and Head of the Department of Commerce from June 2015 on retirement of Prof. Johnson John.

#### New Courses

M.Phil programme (Commerce) was officially inaugurated on 5/10/15 at 10 a.m. in Marian Hall. Classes commenced on 28/9/2015 with a total of 10 students. Dr. A.M. Viswambaran (Former, HOD, St. Alberts College, EKM) was appointed as the co-ordinator of M.Phil course.

A new course was started for Second Semester M.Com under the new syllabus named IFRS, a week's orientation was arranged for teachers taking the course from 8/10/2015 onwards.

#### Academic Achievements (students)

Aiswarya Venugopal and Lima Kunjachan secured A+ in the B.Com Degree Examination of M.G. University in March 2015.

9 students of Commerce department secured A+ in the first semester M.com examination held under the autonomous system. 20 students each secured A+ in the first and the second semester B.Com (autonomous) examinations.

#### Other Academic Qualifications (Students)

Mizpha Sara of third semester B.Com cleared the 1st group examination of Chartered Accountancy.

#### Seminars/ Workshops/ Orientation

Seminar on "Kerala Tourism - Present Scenario" was organised in connection with World Tourism day (Sept 27th). The resource person was Mr. Jimmy Kurian, KITTS (Kerala Travel and Tourism Studies) Study Centre - Ernakulam. The seminar was conducted on Sept 22nd 2015.

#### Cultural Fest

An intercollegiate management and cultural fest was organised by the department on 20th and 21st February 2015.

Sona Sebastian of second M.Com participated in Kerala Youth Welfare Board- Keralotsav '15 in the district as well as State level competitions in Ottamthullal, Keralanadanam, Monoact and Bharatanatyam.

Sherin Stany of second year B.Com won first prize for Malayalam Elocution at UC College Aluva organised by Alumni Association of that institution.

#### Sports

M. Hari Krishnan of First year M.Com participated in M.G. University tournament and first prize in State Championship 2015 (individuals and doubles in Table Tennis).

#### Industrial Visit

2nd year B.Com students went for an industrial visit to Kannan Devan Hill Plantation Museum, Munnar accompanied by Fr. Tomy Palatty and Tessa Mary Jose.

2nd year M.Com students accompanied by Dr. Joseph George went for an industrial visit to Kerala Agro Food Products Limited, Punalur.

#### Commerce Association

Commerce Association was inaugurated by K.N. Raghavan, Commissioner Customs.

#### Entrepreneurship Development Club

The ED club was inaugurated by MD, Popular Candles. The ED club conducted a Trade Fair in the college.

#### Social Outreach

A programme of second and third year students of B.Com known as 'WECON' is started to provide financial assistance to cancer patients both through hospitals and directly.

1st, 2nd and 3rd B Com TT students collected Rs.6034/- from our college and brought food items for the same in order to give support to the flood affected people in Chennai. This was organized in tie up with Mathrubhumi.





'Travel O Scope' a literary cum cultural event was organised by B.Com Travel and Tourism on 21st and 22nd January 2016.

"AGORA" - an inter collegiate Literary cum Cultural event of the Commerce Department of the college (IV edition of *Tandav*) is scheduled on 29/01/2016 and 30/01/2016.

#### Obituary

Jomiya Varghese of first semester B.Com expired on 21-11-2015.

### SH School of Communication

School of Communication took the lead in the production of 'Hridayapoorvam' - the 70th year souvenir of the college. The content development, design and overall co-ordination was done by the faculty members and students.

A journey to the rural areas of northern Kerala with a novel venture- a touring talkie named '*Kottakavandi*'. The motto of '*Kottakavandi*' was 'From cinema to people and from people to cinema'.

We published three bulletins in **VIBGYOR** which was a noted achievement. The VIBGYOR group congratulated us for our work. Students reported the festival and took interviews of film personalities.

**Padam Pidikam-II**, a three-day film making workshop organized by SHSC, was inaugurated by Director Ranjith Sanker and Swedish filmmaker Mattias Low on 27th February. The inaugural event was followed by an interactive session by Ranjith Sanker. Students of SH School of Communication had attended the International Short film festival "SCRIPT 2015".

With a view to encourage women to positively use public spaces at night, we organized an International Women's Day Celebration at the Durbar Hall Grounds. Five working women of the city, who work late into the night and use public space and transport - Chitra Krishnan, Caterer, Gracy Simon, Social worker, Mumtaz teacher, Councilor, Kochi Corporation, Maya Devi, Irikkal samaram organizing committee secretary and Jaya Sabu, housekeeper, SH College, were honored at the event. A flash mob dance was performed by the students of School of Communication followed by a street play. Screening of the films Pyramid of Women and Ladies Special and an interaction based on it was also held.

As part of the Third Semester MA CINEMA & TELEVISION projects students of SHSC were introduced to Film making process of highest professional standards for the three days guided by National Award winning film maker Mr. Vinod Sukumaran and acclaimed Cinematographer Mr. Saji Nair.

Visual FX Jury and Interaction with Ms. Caroline Lopes Pires (VFX supervisor, London) based on Digital Matte Paints done by BA final year students under the guidance of Mr. Sijo Joseph at SH School of Communication, Thevara, Kochi.

#### 'COCCON'

A workshop on Concept Development and Storyboarding was successfully conducted at SH School of Communication, Sacred Heart College, Thevara on

the guidance of Mr. Suresh Eriyat, the top-notch animator and advt. maker and Mrs. Neelima Eriyat, his wife and partner of his studio EEKSAURUS at Mumbai.

### Department of Computer Science

#### June 8: Outreach Programme

As part of its charitable mission, the alumni of department of Computer Science has distributed educational materials to 50 deserving students of St. Thomas Girls High School, Perumanoor. Department teachers and some alumni were present on that occasion.

#### June 9: Java Hands-on Workshop

Department has organized one day hands-on workshop on Java for final year students. Mr. Anil Kumar, CEO, Think Force Solutions, has managed the session.

#### July 23: Department Association (CASA) Inauguration

Department association CASA 2015 was inaugurated by Mr. Aju Peter, Director, Wrench Solutions, Kochi.

#### July 23: Honouring Students

In connection with the inauguration of CASA, dept. has taken an attempt to honour the students for their excellent academic performance. 'Alex Memorial Award' for 'Best Overall Performer', 'Alumni Endowment' for 'Best Academic Performer', 'Chandrasekharan Memorial Awards' for Excellent Academic Performers were given to students.

#### August 5: Counselling Class

Department has organized a counselling class for all students. The class was managed by Fr. Varghese Puthusserry, Director, Santhwana Institute of Counselling & Psychotherapy.

#### August 8: Extension Programme

Selected students of our department have given one day training programme on MS Office for 9th standard students of Sacred Heart High School, Thevara. 56 students attended the training which covered MS Windows, Word, Excel, and Power Point. The duration of the programme was 10am to 4pm.

#### September 23: One Day National Level Hands-on Workshop on High Performance Cloud Technology

Department of Computer science has organized a One Day National Level Hands-on Workshop on High Performance Cloud Technology which was co-sponsored by Kerala State Council for Science,

Technology and Environment. The Workshop was inaugurated by Dr. K Poullose Jacob, Pro-Vice-Chancellor, CUSAT. In the inaugural address, Dr. Poullose has explained the benefits, challenges and future of cloud computing

#### October 28: Workshop on Advanced Networking Technology:

Dept. of Computer Science has given an opportunity to attend a three hour practical oriented workshop on the topic Advanced Networking Technology for 2ndyear BSc Computer Application. The workshop was conducted by CMS Computer Institute, Raviguram.

#### Campus Selection

8 final year students of our department have got placed in Multi-National Companies.

### Department of Economics

1. Among our academic achievements for this year, one student of the B A Economics programme obtained A+ grade and first rank in the University examination, 7 students got A grade and 16 students obtained B+ in the final year BA Economics examination (2015) conducted by the MG University, Kottayam.
2. One day picnic and a family get together of economics faculty was held on 14-02-2015 at Hinterland Resort at Mulamthuruthy.
3. An open house of III DC Economics Students was held on 23-02-2015.
4. Economics department organized a talk on Union Budget 2015-16 on 18th March 2015 at 2 pm in the Melesius seminar hall for the college faculty, PG students of MA Economics and M. Com. CA. P.J. Johny delivered a lecture on Union Budget 2015-16. It was followed by discussion on the theme.
5. Hridya Jayaram of III DC Economics semester VI (2013-16) attended summer internship in Goldman Sachs from 13th April to 5th June 2015. After successfully completing, she was offered full time job in the Operations department of the company as an analyst.
6. Kerala Economic Association in association with Department of Economics, Sacred Heart College organized its first annual conference and National Seminar on Kerala's Development Retrospect and Prospect at Sacred Heart College Thevara from May 8-10, 2015.

7. Economics Association of Economics Department of our college was inaugurated on 4- 08-2015. Mr. Anish P. Rajan (IRS) an alumnus of Economics department inaugurated the function. He delivered inaugural address on "Indian Economic Problems in the Context of World Financial Crisis".

8. Economics Department organized a two day UGC sponsored state level seminar on "Rural Credit in Kerala: Growth, Problems and Prospects" 29 & 30, September 2015.

9. Economics Alumni Association Meet was held on October 2, 2015 at 2 PM in Marian Hall. All of the retired faculty members including Rev. Fr. Zacharias Payikkat CMI, Fr. Varghese Kuzhikanniyil CMI, Fr. Joseph Kaimalayil CMI, Prof. I.D. Michael, Prof. P.J. Cyriac, Prof. K. C. Abraham were honoured at the meet with Kashmiri Shawl in function of "Gurupranamam". Renuka S. was honoured at the function for securing First Rank in BA degree examination of MG University (2012-2015) held in 2015.

10. The family of Prof. K. Kerala Varma Thamburan instituted an endowment by donating Rs.40000 to alumni association. The award will be given to topper in Indian Economy paper in PG Economics course.

11. Department of Economics started self-financing M.Phil programme in Economics on 29th October 2015.

12. A meeting of Board of Studies in Economics was held on 21-11-2015 in the Department library hall. The revised PG syllabus in Economics prepared by various committees of the faculty was discussed in the meetings. The BoS approved the revised syllabus with minor modifications.

13. Department of Economics organized an inter-collegiate Economics Fest - **BOOM 2015** on 4th of December, 2015.

14. A meeting of Economics Alumni Association was held on 16/01/2016 at 2 pm in the Economics Department PG library in connection with Heartfest 2016. The meeting elected Mrs. Sindhu as the secretary of association till next general body meeting scheduled on 2nd October 2016.

15. Hridya Jairam and Aswin Romy of III DC Economics, VI semester (2013-16 batch) were selected to attend Indo - US Student Exchange Programme at Juniata College, Pennsylvania U.S. scheduled from 1st to 29th February 2016.

### Department of English

This year's tasks were cut out at the end of the last academic year itself. The first task was to infuse more rigour into the teaching learning process. A number of structural changes were introduced to systematize the teaching-learning-evaluation process.

#### Academic Results

There is much to feel proud of for the department this year as we could achieve academic results we have had earlier. Interestingly, the batch completed the programme was the last batch under the university system and we created a perfect record of 100% pass with all the students scoring grades "B" or above. More importantly, 3 of our PG students figured among the





top 10 in the university. At the UG level we had a pass percentage of two 'A' grades seventeen "B" grades and two "C" grades and 4 failures. Anna Liz Varkey of the class emerged the topper in the University.

#### Curriculum Revision

The revised curriculum for the UG classes was introduced this year and it was well received by the students. Two teachers have undergone a 3-day training on the new areas in DTP introduced in the UG curriculum and syllabus. The PG Syllabus has been revised and it will be introduced in the academic year 2016-17.

#### Centralised student seminars

The students' seminars were conducted hitherto by the teachers concerned in their subject area. This year we have taken a step to centralize them and assign the topics in advance and conduct the presentations in five consecutive weeks. This move has proved to be very effective as more teachers are able to involve in the discussion process.

#### Project Journal

For the effective monitoring of the student project work, a project journal has been introduced. The students are expected to record the summary of the discussions with the supervisor systematically. The students are asked to submit the same with the project record. In case the journal is found to be incomplete, the student will not be allowed to submit his project report.

#### International Programme

This year also the department offered the Certificate Course in ESL. Three students from Japan registered for the programme and three of them completed the programme successfully. The classes were conducted with the help of student tutors under the mentorship of Dr. C.S Francis. We are happy to report that three students have registered for the academic year 2016-17.

#### Parent Open House

This year parent open houses have been held for all UG classes after the announcement of the semester results. Their suggestions are taken seriously and steps are taken to address their grievances.

#### Invited Lectures

Three invited lectures were given to the postgraduate students this year. The first was by Dr. Indulal on Structuralism and Post-structuralism in the month of August. The second lecture was given by Dr. C. B. Sudhakaran on Postmodern Theory in the month of March and the third was by Dr. Franson Manjali from JNU on the philosophical background of Post-structuralist theories.

#### National Seminars

This year's National seminar has been scheduled for the month of March. Dr. Sheeba K M. Associate Professor, Dept. of History, SSUS, Kalady, Dr. Sherin B.S., English Language and Foreign Languages University (EFLU) Hyderabad and Dr. Sathyaraj Venkatesan National Institute of Technology, Trichy are the resource persons for this year's national Seminar.

#### Minor Projects

Four of the teachers of the department completed their minor projects this year. There are five more minor projects ongoing under the faculty members of the department. There have been 4 research publications from the department this year. More are on the anvil.

#### Career Guidance

The department has been offering UGC-NET training for students for the last few years and this year as many as 4 PG (previous and present) students cleared the NET Examinations.

This year the department availed the expertise of career guru Sri. Venkitaraman to address the final year UG students and their parents on matters regarding the prospects for higher studies and job opportunities in the month of January. A half-day session was offered to the second and third year UG students and their parents.

#### Alumni Gathering

A Gathering of the Alumni and the former teachers is scheduled to be held on 20th February 2016. The meeting was attended by a large number of alumni of the department and nearly all the retired teachers who are alive. The alumni gathering has undoubtedly added to the goodwill of the college.

#### Participation in Seminars and Workshops

Nearly all the teacher of the department have participated in National level seminars and workshops this year. Three of our teachers participated in the MG University PG syllabus revision workshop and two of them participated in the MGU syllabus revision workshop this year.

#### On the Job for UG students

The UG Students who underwent internship in various media institutions have performed satisfactorily. This year as many as six articles by students with bylines were published in the daily/journal where they underwent the training.

#### Student Mentorship

Class teachers have been given the charge of mentorship of the students of the class and the mentorship programme has been very effective this year. The Remedial programmes were initiated by the department, is also slowly picking momentum since the lack of motivation continues to be a challenge in this area.

#### Department of Mathematics

- ❖ Mathematics department is proud to have secured four A+ in the Final B.Sc. Mathematics Examination held on March 2015. Rosna Paul, Remya Rajagopal, Najiya K.Z and Pyary C.H. got 1st, 5th, 6th and 7th positions respectively.
- ❖ The Mathematics Association for the year 2015 -16 was inaugurated by Rev. Sr. Dr. Jaya Rose on 03-08-2015.
- ❖ Mathematics association conducted a quiz competition in Mathematics for the students of S.H. College on 06-08-2015.
- ❖ The general body meeting of ALMAT (Alumni of



Department of Mathematics) was held on 15-08-2015.

- ❖ The department is bidding farewell to Prof. Jose P. Joseph, we remember with gratitude his dedicated service.
- ❖ Zero day was conducted on 18-12-2015.
- ❖ Fr. John Therezeth Endowment Quiz Competition was conducted on 3rd February 2016.
- ❖ The meeting of Board of studies was held 2times in the department.

#### Achievements of Students

1. Kavya R. Nair of 3rd B.Sc Mathematics secured 2nd prize in All Kerala Intercollegiate Statistical Quiz Competition held at Cusat on 18-04-2015.
2. Jisna P. James and Aparna V. bagged 1st prize in Math-Quiz competition conducted on 30th October held at St. Joseph's College, Irinjalakuda.
3. Vandana B. Prabhu and Savio Manuval Manu won 1st prize and Jisa P. James and Aparna V. won 2nd prize in the intercollegiate quiz competition held at St. Berchmans College (Changanassery) on 1-12-15.
4. Aparna.V and Jisa P. James of 1st M.Sc. Mathemtics won 2nd prize for the All Kearala Intercollegiate Quiz competition held at B.C.M College on 10-12-2015.
5. Vandana B. Prabhu and Savio Manuval Manu won 1st prize in the Regional Level. Dr.U.S.Nair Quiz Competition conducted by The Kerala Statistical association on 31st Dec 2015.
6. Vandana B. Prabhu and Savio Manuval Manu won 3rd prize in State Level intercollegiate Mathematics Quiz Competition conducted by Sree Kerala Varma College, Thrissur on 7th January 2016.

#### Department of Oriental Languages

- ❖ The French students participated in French fest held in St Teresa's College and won Prizes. They also participated in poem recitation held by Alliance Francaise Cochin annexe and won the overall trophy.
- ❖ Malayalam dept has formed a club known as Aksharam Kala Sahitya Vedi a forum for Malayalam language lovers.

#### Seminars /interactive Sessions

- ❖ The Dept of French organized a one hour interactive session on Promoting Higher Education In France with

MmeSithara, Coordinator, Campus France on 17September2015

The faculty of Oriental Languages coordinated various club activities

#### Editor's Club

- ❖ Introduced online tutorial on various subjects and languages
- ❖ Heartian radio
- ❖ Multimedia workshop on video editing .
- ❖ Most of the activities held in the college are recorded by members of Editor's club

#### Music Club

Coordinated various activities of the college like Heartifest, College day etc.

Our faculty are also coordinators of NSS, theatre and drama club, speakers forum etc.

#### Department of Physical Education

- ❖ Department focuses on Promotion of Competitive Sports, Fitness and body care, Theory in Physical health & Life Skill Education, Community service and Infrastructure Development.
- ❖ Apart from the incentives and awards from the university and government, the college provides the following benefits for their stake holders.
- ❖ Free boarding & Lodging for 24 outstanding players
- ❖ PTA cash award for the University & State Players and University winning team members.
- ❖ Endowment Award for the Outstanding sports men & women.
- ❖ This year Kerala government has sanctioned a basketball [men] sports hostel for our college.
- ❖ 12 men and 7 women teams have participated in the M.G. University inter-collegiate championships. Out of that, the college emerged as Winners in six game Items, Runners up in two. Cricket, Wrestling, Judo and Yoga matches will be during February and March.

No. of Students who Represented University : 43

No. of Students who Represented State : 28

No. of International participants : 2

Arjun M.R. and Maria Roney of I B.Com represented India in Shuttle Badminton and Table Tennis respectively.





### Overall Position at M.G. University Inter Collegiate Tournaments

#### Winners

- Shuttle Badminton (Men)
- Volleyball (Men)
- Kabaddi (Men)
- Tennis (Men)
- Table tennis (Men)
- Table Tennis (Women)

#### Runners Up

- Basketball (Men)
- Handball (Men)

#### Inter Collegiate Tournaments Won

- Winner of inter collegiate Basketball Tournament at Baselius College, Kottayam
- Runner up in St. Stephen's College Badminton Championship at Uzhavoor.

## Department of Physics

- ❖ The Physics Association has organized a wide gamut of activities during the academic year 2015-16. The inauguration of Physics association was held on 26th July 2015 in Marian Hall by the eminent scientist Dr. Manoj Ramavarma from NIIST, Thiruvananthapuram.
- ❖ On 29th July 2015, Dr. Siby Mahtew and Dr. Sumod S.G along with the 2nd year M.Sc students participated in the 'SPL day Lecture' by Padma Shri, Padma Bhushan Dr. Ashoke Sen, held at VSSC, ISRO,



Thiruvananthapuram. The students also got the opportunity to visit the 'Space Museum' of ISRO.

- ❖ A visit to 'Mithradam' was organized on 30th June 2015 for the 1st and 2nd year B.Sc students under the guidance of Dr. Roby Cherian and Dr. Sumod S.G.
- ❖ The department honoured the Civil Service rank holder Mr. Sathish Menon, who is one of the alumni of our department, in a function organized by the Physics Association on 16th July 2015.
- ❖ The B.Sc rank holders Ms. Merin and Ms. Rosmy were also honoured.
- ❖ A talk by one of our alumni, Dr. Rajju Puthumpally Joseph, Université Paris-Sud, Orsay was also arranged on the same day. As a condolence to Dr. APJ Abdul Kalam, Physics association has organized a special programme, through which we provided the students an opportunity to note down their dreams, if any in a public platform.
- ❖ On 5th August 2015 Prof. Jolly Lukose Endowment Award was launched by the manager Rev Dr. Jose Kuriedath.
- ❖ A talk on the topic 'Nonlinear Optics' by Prof. Purushottam Chakraborty, Saha Institute of Nuclear Physics, Kolkata was held on 6th August 2015 in the Physics Seminar Hall.
- ❖ The lecture delivered by Dr. C.M Joy, Associate Professor, Department of Botany of our college on the contemporary topic "Environment and Development" on 13th August 2015 was highly informative and interactive in nature.



- ❖ Another noteworthy programme conducted by the Physics Association was an one-day trip to Nuclear power plant, Kudamkulam on 27th September 2015. The programme was blessed with the presence of Principal, entire faculty and students of the Department.
- ❖ On 28th January 2016, Prof. Jolly Luckose Endowment quiz programme was conducted and a large number of students from different colleges across the state participated the same.
- ❖ The INSPIRE-Innovations in Science Pursuit for Inspired Research camp was held during the period 16-20 February 2016, under the leadership of Dr. Siby Mathew.
- ❖ The association of Physics has conducted yet another innovative programme- '**Fermio-16**', a techno fest during the period February 18-19, 2016 mainly to provide the opportunity for the common people to exhibit their scientific innovations.

## Department of Sociology

The department has continued its tradition of maintaining excellent academic record with 94% pass for the academic year 2015. Two students from the department, Anjana Raghavan and Terese Mary Chacko secured the highest marks and became the University toppers of the BA Sociology examination conducted by the MG University for the academic year 2014-15.

The activities of Sociology Association for the academic year 2015-2016 have been flagged off with the official Inauguration function held on 12-08-15. The chief guest of the day was Sri. Sabu Jose, a renowned social activist and Director of "Love n' Care", an NGO for the upliftment of the poor and the weaker sections.

#### Fr. Abraham Kallarackal Memorial Seminar

The Department organized a national seminar on Nov 24th in fond memory of late Rev. Fr. Abraham Kallarackal. The topic of the seminar was Gender & Fascism. The resource person of the day was Prof. Sheeba, Associate Professor, Sanskrit University, Kalady.

#### Workshop on Child Rights in India

In connection with the Child Rights Day on Nov 20, an intra-departmental workshop was held on 'Child

Rights in India. The topics covered were Child Rights in India, Violation of Child Rights and Measures to Protect the Child Rights.

#### Arun Memorial Quiz Competition

An intra-departmental Quiz competition was conducted on Dec 7 in connection with the death anniversary of Arun, a former student of the department of sociology. A team comprising of 2 students from each class participated.

#### Blog post Page and Face book Page

The department maintains a blog post page to publicize our activities and to maintain effective links between former students and teachers.

#### World Youth Parliament (WYP)

WYP representatives Prof. John of New York University and Sr. Teresa from Spain visited our department as a part of our holistic education.

#### Participation in Seminars and Conferences

Thirty-one students and two Faculty members attended the three day All Kerala Sociological Conference held at Loyola College, Trivandrum from 11-12-2015 to 13-12-2015. Apart from this, Faculty and students participated in a number of seminars and workshops in the college and outside.

#### 'Chintha'

Chintha was an initiative of the students of II DC Sociology which showed their creativity and viewpoints on various social happenings. It had a humble beginning as a notice board. By the middle of the 3rd semester, Chintha took shape as a blog. Poems, essays, notes and articles of the students are now available in the blog page providing a wider access and platform for the students.

#### Socio Vision

In order to get a wide and deep understanding of the ongoing social processes, issues and problems of society, sociology students are encouraged to go through regularly news papers, magazines etc and display such collected materials on the Socio Vision display board in front of the department.

#### Sociologue - Thinkers' forum

The students of sociology meet every Friday evening at 3.30 pm - 4.30 pm to discuss and reflect on various social events and issues. The programme is titled 'Sociologue'.





### Indigenous people's day

Seminar & Poster Exhibition - A half day Seminar was organized in connection with the World Indigenous Day, on 10 August. The topic for the seminar was "Tribal Welfare and Protection of Rights".

### Social Exposure and Outreach Programmes

#### Daya- Food Packets Collection & Distribution

'Daya', the food collection and distribution programme, which was started during the academic year 2010 is continuing this year also. The programme aims at providing noon meals to destitute and poor. The distribution of the packets is done with the help of an NGO named 'Love and Care' Kochi.

#### Social Survey

Students from the department participated in the survey named "HEAL" in association with the Cochin Corporation to analyse the occurrence and causes of cancer in the context of life style. Our students chiefly surveyed Rose Garden & Kasturba Nagar of Thevara on Sept 5 and Sept 6.

Outreach Programme - The department organized a one-day outreach programme cum nature study trip on Dec 5, 2015.

#### Observation of AIDS Day

In connection with World AIDS Day on Dec 1st, students distributed red ribbons to all the students. Also, more than 500 cards were printed and distributed among students to create awareness.

#### Eye Testing Camp

In association with Vasan Eye Care hospital, we organized a free eye testing camp for the college students and staff in which 537 people made use of this facility on Nov 18, 2015.

#### Chennai Flood Relief Programme - 'Anbodu Kochi'

In the backdrop of the Chennai flood, the Department of Sociology, in association with the Facebook Group "Anbodu Kochi" and Radio Mango, collected food, water, medicines and sanitary napkins from the students and the public on Dec 3 & 4 and donated them with our prayers to the affected people in Chennai.

#### Manuscript Magazine

The Manuscript magazine of our department "*Sankholi*" was released on June 29, 2015, on the occasion of fresher's day.

#### Onam Celebrations

Onam, the cultural festival of Kerala, was celebrated with a variety of programmes. We participated in the inter-departmental flower carpet, tug of war competitions. Our department won the first prize in tug of war.

**Cleaning**- At KURTC Bus Station, Thevara on 8-1-16 by 1st DC Students.

#### Socio Fest

Conducted a two day fest and intercollegiate competitions titled RIPPLES'16 on 18 and 19th January with an aim to support the HEAL programme. District Collector Sri M G Rajamanikyam IAS was the Chief Guest. Padmasree Usha Uthup was the Guest of

Honour. Competitions were conducted in Cookery, Fashion Show, Collage and Debate.

#### Tribal Visit

One day Tribal Visit was arranged for the first BA Students on 23-01-16 to Anappantham Kadar Tribal Settlement, Near Chalakkudy.

#### Awards & Prizes Won

1. The Department secured Runner Up position in Sr. Marie Cecil Trophy for the Best Sociology Association in Kerala, instituted by the Kerala Sociological Society.
2. Niranjana Anil of 2nd BA Sociology won the South Zone Inter State Badminton Championship-2015 held at Pondicherry on October 3, 2015.
3. Ashimol of 2nd BA sociology won the Gold medal in The National Power Lifting Competition, held at Kashmir this year.

## Department of Zoology

As in the previous years, the department has followed a three-prong strategy of strengthening and achieving excellence in teaching-learning, research and extension by adopting a number of programmes and activities.

#### Academics

Our students brought laurels to the department and institution by achieving good academic results at the university level. Our outgoing students, Ms. Thamburu Vijayan, Ms. Lakshmi Sarojam and Ms. Athira Nair D. of the last batch of non-autonomous stream secured the first three positions respectively in the MG University M.Sc. Zoology Examination. The result of UG examination was also excellent with an overall pass percentage of 97.

#### Research

The department boasts a very strong track record in research. Three major projects are currently underway with a cumulative total outlay of 1.23 crores. The Division of Arachnology published eight research articles in reputed international journals - Zootaxa and Zookeys during the past year dealing with various aspects of taxonomy and ecology of spiders in the Western Ghats. Seven new species of spiders were described from various regions of Western Ghats. Of the seven new spiders, *Tropizodium kalamii* is named after Dr. A.P.J. Abdul Kalam and *Shearella alii* is named after Dr. Salim Ali - the birdman of India, while the species name of *Martensopoda sanctor* is the Latin version of Sacred Heart. The team also discovered a new type of spider web.

#### National Seminar

The department successfully conducted a National Seminar on "Biodiversity, climate change and sustainable development: issues, challenges and opportunities" sponsored by UGC. Dr. Shijo Joseph, (Expert member, Intergovernmental Panel on Climate Change and Task Force for national green house gas accounting), Dr. Francy Kakkasserry, (Head, Dept. of Zoology, St. Thomas college, Thrissur), Dr. Shaju Thomas, (Asso. Prof. of Zoology (Rtd.) & Senior Writer Fellow, Kerala State Council for Science, Technology and Environment) and Dr. Rajeev Raghavan (South

Asia chair, IUCN Fresh water fish specialist group and Assistant professor, KUFOS) lead different sessions.

#### Invited Talks

Dr. T.V. Sajeev, Head, Dept. of Forest Entomology and Pathology, Kerala Forest Research Institute (KFRI) Peechi & Coordinator, Asia-Pacific Forest Invasive Species Network (APFISN) delivered a talk on "Career Prospects in Zoology". Dr. Saijo Thomas, Research Fellow, School of biological Science, Monash University, Clayton, Australia gave a talk on "Use of a tiny bacterium called Wolbachia to defeat Dengue"

#### Student Achievements

Ms. Lakshmi Sarojam won second prize in the project presentation competition held as part of the Heartian Science Congress organized by SHARE. Mr. Mohamed Nisin KMN has been selected for the student exchange programme to visit Juniata College, Huntington, USA.

#### Faculty Achievements and Honours

Dr. Mathew M.J. delivered invited talks on DNA barcoding in spiders in the National Seminars held at St. Thomas College (Autonomous), Thrissur and St. Xavier's College for Women, Aluva. He also functioned as a resource person and judge in the Kerala State School IT Fest conducted by the Dept. of General Education, Govt. of Kerala. Dr. Mathew also underwent training in Molecular Biotechnology, DNA Barcoding and Bioinformatics in SRM University, Chennai and International Centre for Stem Cells, Cancer and Biotechnology (ICSCCB), Pune.

#### Zoofest - Genysys Plumage 2015-16

The departmental fest "GENYSYS 2015-16" was successfully conducted with the theme of the year as 'Plumage' (Birds). As part of this, an intercollegiate pentathlon for Fr. Gabriel Chiramel CMI Ever-Rolling Trophy was also organized. It is heartening to note that our college emerged as the overall champions in the pentathlon.

#### Nature Camps and Field Visits

Study of nature and environment is an integral part of the learning activities of the department. Students of various batches were taken for nature camps

conducted at Periyar Tiger Reserve and Parmbikulam Tiger Reserve, as well as field trips to Wynad Wildlife Sanctuary, Mudumalai Tiger Reserve, Nagarhole Wildlife Sanctuary, Mysore Zoo, Ranganathittu Bird Sanctuary, Vagamon Grasslands etc.

#### Animal Rearing

In line with the Learning-by-Doing approach of pedagogy, an innovative practice of animal rearing was begun this year for the final year UG students as group activity. As part of this programme, our students are actively engaged in poultry, aquaculture, apiculture, hamster rearing, guinea pig rearing, as well as dairy with organic farming.







International Office  
Counseling Cell  
NCC  
NSS

## Reports



## SH International office

The degree of flexibility in the international office was evident in this academic year, with the partners all expressing their willingness to continue with their association. In the backdrop following are the major highlights of the international office for the academic year.

SH international office continued to have its alliances with the existing partners namely, Juniata college, USA; AUT, New Zealand; Nihon Fukushi University, Japan; Concordia College, USA

### Achievements for the current academic year

Following the exchange programme from Sacred Heart by a team of three students, led by Dr. Sibi Zacharias, the invitation was sent to Juniata to get another student from Juniata. Audrey Zehren completed her course and left to Juniata.

Interview for the next batch of students to Juniata was decided and accordingly, three students were selected namely, Ashwin Romy and Hridya Jayram from the Economics Department and Maria from the English Department. A further request was sent to Juniata to incorporate more students. The request was accepted and two more students were allowed to participate in the exchange programme. The selected candidates were Ms. Banushree from the English department and Mr. Muhammed Nissin from the Zoology department. The faculty accompanying the team was Dr. Grace Thomas from the Chemistry Department. The team left on 1st February 2016.

The previous students were able to interact with the current selects and they individually selected their area of study.

The world Youth Meet at Japan invitation was received and likewise Mr. Manu from the Physics department was selected for the programme, which was held during 7th and 8th of August 2015.

A team of nine students accompanied by their faculty Prof. Neil Pelky visited our campus on 13th January 2016 for a study on culture. The cultural exchange was successful with the students benefitting the same.

A team of 10 students from Japan Nihon Fukushi University is approved for visiting our campus on the 15th of February 2016. They are expected to remain in the campus till 21st of February 2016.

As part of the annual science symposium INSPIRE, noted Japanese scientist and Nobel laureate Prof. Ei-chi - Nigishei and his associate Prof. Thomas Colacot would be visiting the campus on the 15th and 16th of February 2016.

Dr. Georgekutty Joseph  
Coordinator







## Counseling Cell

2015 June – 2016 February

Days: College counselling was organized two days a week viz, Tuesday and Thursday.

An awareness of counselling was created in most of the classes. Many students came voluntarily for counselling as they desired to benefit out of counselling; while other students have been referred by the teachers. Students were called for several sessions depending on the gravity of the problem and their own willingness to work on themselves. There are students who needed only 2 or 3 sessions while some others have gone up to 7 or 8 sessions. At the termination a feedback form is given to the student to evaluate the counselling service.

### Number of students

Total number of students who have come for counseling are 44. Students from following departments have come for counseling - Sociology, Physics, Botany, Zoology, Chemistry, Maths, Economics, English, PG students from Communication B. Sc. Computer Application, B. Com - Travel and Tourism, Computer Application, Commerce.

**Workshops:** Workshops on time management, Stress management and about counselling itself have been given to several classes.

Counseling service has proved to comfort and console those students who have been struggling with certain personal issues which in turn had been affecting their studies. It has been found that those students who willingly came for counselling have benefited from it, because they were ready to work on themselves as per the suggestion in counselling.

Rev. Sr. Valsa C.A; Counselling Psychologist, provided counselling services through the cell during the academic year.

## NCC Naval Wing

NCC Naval wing began its activities in the 2nd week of July, enrolling 34 cadets under the guidance of Lt Commander Dr. 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 programs and some adventure activities.

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. We have 25 SD boys and 25 SW Girls in our subunit.

We began our parade session in 2015 by planting Lakshmi Tharu and Mullatha as a part of anti-cancer movement on July 5th 2015.

Three cadets Alphy Mathew, Anjaly Jobai and Akash S participated in the All Kerala RD Inter-group Competitions held at Thrissur and five cadets Ajay Kumar Bharathy, Riya Tomy, Anjaly Jobai, Deena T. David and Akash S. attended All Kerala NSC IGC held at Kollam and Cadet Riya Tomy was selected to represent Kerala and Lakshadweep directorate at the prestigious NAU SAINIK CAMP (January 2015). She won a gold medal in Health and Hygiene and competed for the Best Cadet title in Karwar. Cdt Dinu T David, Alphy Mathew, Anjaly Jobai attended All India ATC held at Kozhikode and won gold medal in parade competition, group dance & Ever Rolling Trophy in Service Subject.

Cdt Akash S attended NIC Raipur and Cdt Sree Ram attended ship attachment camp in December 2015. Leading Cdt Sonu Siwach, Cdt Ankita Kumari, Cdt Deena T David attended NIC Delhi in January 2016. Four Cadets Sreevidya, Dinu T. David, Riya Tomy and Ajay Kumar Bharathy attended ATC Lakshadweep in January 2016. Fifteen cadets went for one day sailing expedition at Southern Naval Command, Kochi. Twenty Cadets

attended Annual Training Camp at Chottanikkara. They won individual and group prizes in parade, semaphore, rigging, service subject, tug of war and cultural competitions.

### Paradigm Programme

On October 2nd, our social service programme PARADIGM was inaugurated by Mr Renish P Rajan, councilor Kochi corporation. Commander Shinod Karthikeyan, Executive Officer INS Garuda who is a former cadet captain of our sub unit was also present as a special guest. Our principal Rev. Dr. Prasanth Palakkappillil, presided over the meeting. ANO LT.Cdr Siby Mathew and Superintendent Mr. Ravendran were also present on the occasion. 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 cadets and ANO of SH college, Thevara. Lot of Ex.NCC cadets were also present on the occasion. We also handed over medicines and provisions sponsored by 7(k) Naval NCC unit and ex-cadets. Associate NCC Officer Lt Cdr Siby Mathew and others at old age home are giving full support for the efficient and regular conduct of the programme.

As a part of Swach Bharat Abhiyan, along with the Army & Air Force NCC Cadets, we conducted a cleaning programme in and around the college. As a part of 'creating career opportunities' NCC Naval Wing along with the cooperation of Coastguards conducted a career orientation camp and gave an idea about the career opportunities in Indian Coast Guard service. NCC cadets took anti-corruption pledge and a group discussion was also conducted on impact of corruption in India.

On behalf of the cadets of our sub unit we extend our profound gratitude to our principal, commanding officer and all others at 7(k) Naval NCC Unit for their wholehearted co-operation, support and guidance.

## NCC Air Wing

❖ The activities for the academic year 2015-'16 commenced from 15th July, 2015 onwards with the enrollment of first year cadets.

❖ Former CO of the unit, Gp. Capt. C.V. Sunil Kumar was given a notable farewell in our college by the principal, ANO and the cadets in the event of his posting out to New Delhi Air Head Quarters.

❖ JUO Meenakshi T. G was the only cadet from the Kerala & Lakshadweep directorate for this year's YEP (Youth Exchange Programme) to Singapore.

❖ World Environment Day was celebrated by planting Lakshmi Tharu and Mulatha (anti cancerous plants), apart from celebrating Independence Day by cleaning KSRTC buses at Ernakulam Transport stand. This social initiative of the cadets got attention of the public and Malayala Manorama news channel had covered and telecasted the same.

❖ Onam was Celebrated by the cadets and ANO by going to the government old age home and organised variety programmes for the inmates.

❖ On 7th December 2015, on account of Flag Day our cadets conducted awareness about the same and collected funds to be distributed to the families of martyrs.

❖ Under the command of Fg. Offr. Dr. Joseph George, the Combined Annual Training Camp (CATC) was held at SNV HSS North Paravur with strength of 583 cadets from 21 schools and 6 colleges from 18th December, 2015 to 28th December, 2015. College won the runner up trophy of the camp.

❖ 8 Cadets are eligible for their 'C' Certificate Examination and 19 for their 'B' Certificate Examination this year.

## NCC Army Wing

The NCC Army Wing activities for the year 2015-16 of our college was inaugurated by our principal, Rev. Dr. Prasanth Palakkappillil CMI on 15th August, 2015. The independence day celebrations was started with flag hoisting. The pipping ceremony was conducted by giving the appointments for the academic year 2015-16. On the same day, SGT. Devi G Nath of 3rd B.Sc. Zoology was appointed as the Senior Under Officer and CPL. Geethu Paul of 3rd B.A. Economics as the Junior Under Officer.

### Highlights

- 108 cadets were enrolled to our company and has completed 17.5 parades successfully.
- Our cadets took part in the one-day mini yoga camp held at SRV LP School and St. Theresa's College, Ernakulam in association with the International Day of Yoga on June 21st.
- We conducted FREEDOM FEST 2015 in connection with the Independence Day celebrations. Several competitions were conducted and a drill demo was arranged for the public.
- As a part of Onam celebrations, a special meeting of Army and Naval Wing cadets was convened and Onampayasam was distributed.
- 35 cadets attended the Combined Annual Training Camp held at St. Xavier's College, Vaikom and bagged many prizes in the events and various competitions.
- CQMS Thejus Jo Puthusseri and SGT Izam P Ijaz attended NIC at Bodhgaya, CPL Naveen Nandan attended NIC at Udaipur and CPL Naveen B.C attended NIC at Alapuzha. CPL Ayyappadas also attended a National Trekking camp at Idukki.
- Cadets took part in the 'Suchitwa Bodhana Yajnam Padayathra' on 11th January, 2016 at S.H School.
- Our 30 cadets participated in the Heartfest-2016 as the special volunteers for it's success.





- We have conducted the Republic Day Celebrations by hoisting the National Flag on 26th January, followed by an Open Quiz for the cadets of three wings of NCC.
- One of the most remarkable programme conducted this year was "S.H Smitam '15" held on 26th December, 2015, an Alumni meet of all the former NCC Army Wing cadets of our college. A committee was formed on the same day which will initiate the Alumni-meetings coming years.
- Another significant achievement of this year was that SGT Varuna C Mohan of 3rd B.Com Taxation attended the Republic Day IGC Camps and also the prestigious Republic Day Camp on 26th January 30, 2016 at New Delhi.

## NSS

Sacred Heart College, Thevara has two units of dynamic and vibrant National Service Scheme. A total of 122 volunteers joined the two units in this academic year 2015-16. Combining first year and second year volunteers, NSS unit has a total strength of 250. The NSS unit undertakes various community related activities like social awareness campaign, charity activities etc. The activities of NSS are co-ordinated by Program Officers Prof. Sanu Varghese (Dept. of Commerce) and Dr. Ignatious Abraham (Dept. of Chemistry) and volunteer secretaries Mr. Jerome Joseph and Ms. Sara George. The annual report of activities undertaken by the NSS unit during the academic year 2015-2016 is presented below.

### 1. Observation of World Environment Day

The NSS unit celebrated World Environment Day on June 05, 2015 with great ardour. The motto of this year's celebration was "Seven Billion Dreams. One Planet. Consume with Care".

Week long green exercises were held. Students took oath to protect the planet and conducted street rallies spreading awareness and encouraging public towards the celebration. NSS volunteers planted 50 saplings in 50 neighbouring houses spread across the locale of Thevara. It also engaged in planting saplings within the campus joining hands with National Cadet Cops (NCC).

Student's day was observed for doing something positive for the environment, galvanizing individual actions into a collective power that generates an exponential positive impact on the planet.

### 2. Participation in Cotton Bag Making Training

In connection with the World Environment Day celebrations, training classes were held in St. Teresa's College, Ernakulam on 05 June 2015 for making unisex multipurpose cotton bags. The motto of the campaign was "Say Good-Bye to Plastic Bags". NSS SH College unit wholeheartedly supported the initiative. Ms. Reneeta Ann Raju (II DC Economics) and Ms. Anjana R Ajayan (II B.Com.) became part of the event. They are active volunteers of the NSS family.

### 3. Symposium on Cancer Prevention Awareness, 06 June 2015

A symposium was organised by the Alumni Association of SH College (AASH) in collaboration with NSS unit of the college on cancer prevention awareness. Dr. V.P. Gangadharan, Senior Consultant and HOD of Medical & Paediatric Oncology at Lakeshore Hospital gave the keynote address. He informed that Kerala has the highest number of cancer patients in the country. Out of every one lakh males, 133 persons suffer from the disease while in the case of females, it is 123 for every one lakh females. Dr. Gangadharan further said that early detection of cancer greatly increased the chances of successful treatment.

### 4. Welcome Ceremony to New Heartians, 11 June 2015

NSS unit offered a grand welcome to the young minds who arrived at the doorstep of Heartian family on 11 June 2015. Eco-friendly banners and posters, prepared by NSS Volunteers were displayed in the college portico. Welcome cards were distributed throughout. NSS Programme officer, Prof. Sanu Varghese addressed the NSS fresher volunteers during their orientation session. Various activities of NSS and the responsibilities of NSS volunteers were brought under light. Students were well motivated in joining this family of dedication and harmony.

### 5. Bio-Mithram Project, 15 June 2015

NSS unit of the college participated in the Bio-Mithram Project, held under the wing of social protection mission on 15th June 2015 at Kundannoor. Various issues like the indifferent attitude of upcoming generations towards the old aged and the growing necessity to protect them were highlighted. Fifteen volunteers of the NSS unit attended the seminar and the participation was a remarkable one. The class provided sufficient motivation in organizing such events at college level and also in promoting exemplary behaviour towards the elder people. The volunteers pledged to nurture and protect the old- the people who holds the inherited values of our society.

### 6. Anti-Narcotics Seminar, 19 June 2015

Let's Develop - Our Lives - Our Communities - Our Identities - Without Drugs.

NSS volunteers of SH Unit actively took part in the Anti-narcotics seminar and a workshop organized by Excise department of Govt. of Kerala at Ernakulam town hall on 19th June 2015. The symposium was presided over by Mr. K. Babu, Minister for Excise, Mr. Hibi Eden MLA. Social activist Mr. Madhujan Karunasai highlighted the importance of alertness towards the evil. NSS volunteers pledged to keep the campus abstain from drugs.

### 7. Observation of World Population Day, 11 July 2015.

A world of 7 billion is both a challenge and an opportunity with implications on sustainability, urbanization, access to health services and youth empowerment. NSS SH Unit observed World Population Day on 11th of July. Poster designing competition was organized in this regard to spread awareness about the escalating population driving humanity into vulnerability particularly women and girls. Winners were awarded with accolades.

### 8. NSS Orientation Camp

NSS unit had its warm up sessions with the new batch of volunteers for the academic year 2015-16. New volunteers were introduced with National Service Scheme, its objectives, programs and activities. Volunteers were classified to three functional groups each of them performing paddy cultivation, cleaning up library and Lakeview of the college campus respectively. The new volunteers witnessed profound pleasure in the group exercises held to inculcate the virtue of service within them. Former NSS program officer, Prof. Sibi K.I. (Associate Professor, Dept. of Sociology) led the classes.

### 9. Tribute to People's President Dr. A.P.J. Abdul Kalam

National Service Scheme unit of Sacred Heart College (SHC) Thevara, paid tribute to India's Missile Man and iconic leader, following his sudden passing away. NSS helped students to pay homage to their beloved president by organizing an art exhibition. A condolence meeting was organized to remember President Kalam and his love for the nation. Students expressed their feelings for the great personality and his immortal inspiration.

### 10. The revitalizing Karkidaka Kanji, 5 August 2015

NSS Unit, Nature Club and Dept. of Botany of the College, Thevara try to re-capture the traditional spirit of imbibing the porridge known as 'Karkidaka kanji,' during the eponymous Malayalam month of heavy monsoon. It was successful in propagating the medicinal benefits of this concoction among the new generation. Student-promoters testify to the encouraging response it met with, both from the students and the teaching community. They also said that there was a demand from students to distribute the porridge more frequently.

### 11. SH Chavara Bhavana Padhati Collaboration

NSS unit joined hands with *Chavara Bhavana Padhati* of Sacred Heart Monastery. Volunteers of National Service Scheme (NSS) rendered manual labour at the site in Chellanam, where the non-teaching staff of SH college, Mr. P. A. Varghese is building his new house as part of SH *Chavara Bhavana Padhati*. The volunteers carried construction materials on their heads to the construction site located deep inside with ease. More than 100 volunteers rendered the manual labour on three days at different stages of the construction of house.

Y's men's Club, Ernakulam also joined hands with SH *Chavara Bhavana Padhati*, the dream venture of Sacred Heart College. In a solemn function organized at the college Ysman's club Distric office bearer Mr. Biju P.V. and renowned social activist Smt. Daya Bai handed over a cheque of Rs. 50,000/- to the Chavara Bhavana Padhati, beneficiary Mr. P.A. Varghese. Two houses are being constructed under this scheme.

### 12. Entrepreneurial skills development Program, 5th August 2015

NSS unit of Sacred Heart College, Thevara proved itself to be a creative entrepreneur. NSS joining hands with the Entrepreneur Development (ED) Club organized Trade Fest 2K15 at SHC auditorium. NSS stall grossed with maximum sales with its yummy scrummy homely food. Mouth-watering 'Naadan kappa and meen curry' stole the hearts, along with a whole lot of other Indian dishes. NSS also bejewelled its kiosk with its exclusive eco-friendly solitaire collections. The venture came out to be a huge a success with the hard work and passion of its volunteers.

### 13. AARDRA, Stem Cell Donation Campaign @ SHC, 6th August 2015

AARDA, a stem cell donation campaign organised as an initiative of TKM College of Engineering, Kollam in association with National Service Scheme SH unit and DATRI a non-profitable organisation, was held on 6 August 2015, Thursday in the college.

Along with the campaign the collection of samples from willing participants were tested and registered in a data base for future uses. With a vehement support of the NSS volunteers, the campaign furnished a record database of 400+ donors in a single day. The campaign indeed provided a great opportunity to know more about stem cell donation and to extend a helping hand to those who are in need. Mr. Aby Sam John, head of DATRI Kerala, spoke profoundly about the process involved in the donation.

### 14. Jack Fruit Mela

Ubiquitous jackfruit played a major role in ensuring vital food, particularly for the vulnerable sections. However in recent times the usage of Jackfruit has come down. It is in this context, NSS unit of SH organized Jack Fruit Fest. The festival was aimed at popularizing the nutritional content of Jackfruits and its role in food security by promoting its consumption in various popular recipes. Twin jackfruit exhibited in the fest won the hearts of folk

### 15. Coconut Day Celebration

National Service Scheme (NSS) unit of Sacred Heart College (SHC), Kochi celebrated World Coconut Day. Established in 2009, World Coconut Day is still in its infancy. NSS SH unit in league with Coconut Development Board of India opened its fabulous kiosk for the mega sale of coconut products like Neera (energizing drink), coconut biscuits, sweets, health drinks, oils, handicrafts etc. The store furnished with coconut leaves along with the installation of a cricket bat and ball made out of coconut leaves grabbed the attention of folks. The celebration has enlightened those yet to discover this magical fruit (not nut!).

### 16. International Peace Day, 21 September 2015

International Peace Day was observed on 21st September 2015. In connection with this, the members of NSS Unit pledged their love and loyalty in promoting peace and in keeping the flame of fraternity alive in this world. The growing necessity in laying down the arms and weapons for a better world was emphasised in the meetings and discussions organised by the NSS Unit. Cards with the symbol of peace-a dove carrying an olive branch was



distributed among Heartians to create appropriate awareness about the day. Poster exhibitions were held and the message of peace was propagated without any bounds.

**17. International Day of Older Persons, 01 October 2015**

The international day of Older Persons was observed on 1st October 2015. Group discussions were held to analyse various abuses encountered by the old. Poster exhibitions organised by the team held in exploring the artistic and imaginative ideas of students regarding the vulnerable-the old people. Volunteers made a visit to a nearby old age home, spent their time with the abandoned and shared their love and happiness with the grandparents, common to the entire world. Students, thereby became aware of their untold duty of protecting the old.

**18. World Food Day, 16 October 2015**

'Social protection and agriculture'- the theme of World Food Day held on 16th October, 2015 was welcomed wholeheartedly by the NSS family of Sacred Heart College. The unreduced rate of hunger and poverty was brought under serious examination and Mini, but many initiatives were taken to combat this problem, which includes the distribution of nearly fifty food packets to the needy in High Court locality, small scale farming in sustainable manner, awareness talks on food standards etc. Posters depicting the motives of World Food Organisation for the present year was displayed in a wide array.

**19. A helping hand to the affected and the neglected – Charity Initiative, 16 October 2015**

NSS unit organised an outreach programme on 16th October 2015 for collecting clothes and distributing them to the leprosy affected people. This endeavour set up in collaboration with the Leporasy Association, Vadakkanchery, turned into a grand success. Teaching and non-teaching staff ensured their participation by contributing their share and motivating students in fostering a sense of solace towards the ill and the affected. Heartians acknowledged their commitment to the society and provided maximum co-operation to this initiative by contributing sufficient clothes to the charity collection.

**20. Donation of solar water heater, 21 November 2015**

As a part of social commitment of NSS volunteers towards the needy and weaker sections of the society, NSS unit of our college donated a solar water heater of 200 L capacity to the Relief settlement, Palluruthy. The entire expense of Rs.40,000 for the same were collected by the students. The donation of the same was done by Prof. K.V. Thomas, M.P. on 21st November 2015.

**21. Peoples Climate March at Athirappilly, 29 November 2015**

Realising the importance of environment protection and sustainable development, NSS volunteers participated in the people's climate march which addressed the protection of forest and nature. The march from Vazhachal to Athirappilly held on 29th November 2015. The journey helped the students to realise the biodiversity and soul of nature.

**22. World AIDS Day, 1 December 2015**

As a part of world AIDS day observation, the NSS unit of

our college conducted a series of programs. Ribbons were badged to all the students and volunteers of the college in the symbol of AIDS observation. Posters were exhibited to make the students aware more about this disease and the need for protection of victims of this deadly disease.

**23. Suchitwa Bodhana Yajnam Rally, 11 January 2016**

Fr. George Pittappillil, Director of Non-renewable Energy Mission is undertaking a district-wide rally every year proclaiming the awareness of cleanliness. This year the NSS volunteers joined the rally from Santhi Nagar to Thevara junction. As a prelude to the rally the volunteers cleaned Santhi Nagar Premises.

**24. National Youth Day, 12 January 2016**

January 12, National Youth Day, the birthday of Swami Vivekananda was celebrated with a series of programs. Poster exhibition was conducted displaying quotes of Swami Vivekananda and Youth development.

A registry of willing blood donors was prepared by collecting the consent letters from them.



**Completed Projects**  
**Papers presented at**  
**International Conferences by the Faculty**  
**Publications in Peer-reviewed**  
**International Journals**



## Completed Projects

Prevalence of MSSA and MRSA dental students.  
Dr. K.C. Vidya & Harish Kumar K.S.

Effect of ozone in periodontitis. Dr. Annie V. Issac.

Prevalence of Candida spp. in diabetes patients.  
Dr. Merin George.

Effect of propolis on *Enterococcus faecalis*.  
Dr. Lal Krishna.

Effect of Endopamirrigant on *Enterococcus faecalis*.  
Dr Sonia.

Candida spp. in antibiotic treated patients.  
Dr. Leena Johnson.

Adherence of Candida albicans to PMMA.  
Dr. Anju. K.G.

Antibacterial effects *Chromolaena odorata*.  
Dr. Lal Krishna.

Efficacy and antibacterial effects of Qmix.  
Dr. Michael Mathew.

Virulence properties of Candida spp. in chronic periodontitis.  
Dr. Asha Anand.

Survey of Antifungal prescribing among dentists in Kerala. Dr. Asha Anand

Biofilm production by Candida spp. in chronic periodontitis. Dr. Asha Anand

Efficacy of root canal irrigants in disinfection of GP cones. Dr. Athulya Suresh

Efficacy of toothbrush disinfection in children. Dr. Malini V.

Enteric Gram negative rods in oral cavity of children with oral habits. Dr. Sneha

## Papers Presented at International Conference by the Faculty

1. T.V. Anna Mercy 2015. An overview of the status and distribution of the Western Ghats fish fauna of India with special reference to the indigenous ornamental fishes. Presented at the WORLD AQUACULTURE 2015- "Aquaculture for Healthy People, Planet and Profit". The Annual International Conference & Exposition of World Aquaculture Society, Asian-Pacific Chapter, WAS and Korean Chapter, WAS held at Jeju, Korea from May 26-30, 2015.
2. Sajjan S. and T.V. Anna Mercy 2015. Distribution, Stock characteristics and population dynamics of a threatened fish Sahyadriadenisonii(Day) from the Western Ghats of India. Presented at the WORLD AQUACULTURE 2015 - "Aquaculture for Healthy People, Planet and Profit". The Annual International Conference & Exposition of World Aquaculture

Society, Asian-Pacific Chapter, WAS and Korean Chapter, WAS held at Jeju, Korea from May 26-30, 2015.

3. T.V. Anna Mercy &Eapen Jacob. 2015. Characteristic spawning behaviour of the Hill stream Loach, Nemacheilus (=Schistura) semiarmatus Day from the Western Ghats of India. Presented at the WORLD AQUACULTURE 2015 - "Aquaculture for Healthy People, Planet and Profit" The Annual International Conference & Exposition of World Aquaculture Society, Asian-Pacific Chapter, WAS and Korean Chapter, WAS held at Jeju, Korea from May 26-30, 2015.
4. T.V. Anna Mercy &Eapen Jacob. 2015Pre-spawning spawning behavioural events of a newly described species, Puntius pookodensis (A.Mercy&E.Jacob) - an indigenous ornamental barb of the Pookode lake, Wayanad, Kerala, India Presented at the WORLD AQUACULTURE 2015 - "Aquaculture for Healthy People, Planet and Profit". The Annual International Conference & Exposition of World Aquaculture Society, Asian-Pacific Chapter, WAS and Korean Chapter, WAS held at Jeju, Korea from May 26-30, 2015.
5. T.V. Anna Mercy & Eapen Jacob 2015.Studies on parental behaviour of Pristolepismarginata, a potential indigenous ornamental fish from the Western Ghats, one of the hot-spot areas. Presented at the WORLD AQUACULTURE 2015 - "Aquaculture for Healthy People, Planet and Profit" The Annual International Conference & Exposition of World Aquaculture Society, Asian-Pacific Chapter, WAS and Korean Chapter, WAS held at Jeju, Korea from May 26-30, 2015.
6. T.V. Anna Mercy&Seena Augustine. 2015. Food and feeding habits of Horadandiaatukoralideranyagala (cyprinidae), an indigenous ornamental barb of the Western Ghats of India. Presented at the WORLD AQUACULTURE 2015 - "Aquaculture for Healthy People, Planet and Profit". The Annual International Conference & Exposition of World Aquaculture Society, Asian-Pacific Chapter, WAS and Korean Chapter, WAS held at Jeju, Korea from May 26-30, 2015.
7. Divipala Indira &T.V. Anna Mercy Female reproductive biology of an endemic ornamental cyprinid Chela fasciata Silas of the Western Ghats. Presented at the WORLD AQUACULTURE 2015 - "Aquaculture for Healthy People, Planet and Profit" The Annual International Conference & Exposition of World Aquaculture Society, Asian-Pacific Chapter, WAS and Korean Chapter, WAS held at Jeju, Korea from May 26-30, 2015.
8. Jain Atulkumar&T.V. Anna Mercy 2015. The hobby of ornamental fish keeping in metro India is likely to out-grow many of the developed countries by next decade. Presented at the WORLD AQUACULTURE 2015-"Aquaculture for Healthy People, Planet and Profit". The Annual International Conference & Exposition of World Aquaculture Society, Asian-Pacific Chapter, WAS and Korean Chapter, WAS held at Jeju, Korea from May 26-30, 2015.
9. Sulekha, B.T & T.V. Anna Mercy 2015. Histopathology

as a tool to assess the health status of fishes exposed to pesticides in Kuttanad paddy fields of Kerala, India. . Presented at the WORLD AQUACULTURE 2015 - "Aquaculture for Healthy People, Planet and Profit" The Annual International Conference & Exposition of World Aquaculture Society, Asian-Pacific Chapter, WAS and Korean Chapter, WAS held at Jeju, Korea from May 26-30, 2015.

10. Ashamol Antony & T.V. Anna Mercy 2015. Sediment characteristics of pokkali fields during rotational cultivation of pokkali and shrimp at Kadamakkudi, Ernakulam, India. Presented at the WORLD AQUACULTURE 2015 - "Aquaculture for Healthy People, Planet and Profit" The Annual International Conference & Exposition of World Aquaculture Society, Asian-Pacific Chapter, WAS and Korean Chapter, WAS held at Jeju, Korea from May 26-30, 2015.
11. T.V. Anna Mercy &Ambilikumar 2015. Sustainability of Women entrepreneurs in ornamental fish culture at Kumbalam Panchayat, Ernakulam District, Kerala State, India. Presented at the WORLD AQUACULTURE 2015 - "Aquaculture for Healthy People, Planet and Profit" The Annual International Conference & Exposition of World Aquaculture Society, Asian-Pacific Chapter, WAS and Korean Chapter, WAS held at Jeju, Korea from May 26-30, 2015.
12. Mr. Midhun Dominic C D attended and presented an oral presentation in the National Conference on "Biopolymers & Green Composites" (BPGC 2015 – 3rd in series) held at centre for Biopolymer Science and Technology (CBPST) on 9th and 10th October 2015
13. Mr. Midhun Dominic C D presented a paper in the UGC sponsored National Seminar on Green technologies for Green Environment organised by the Department of Chemistry, S N M College, Maliankara on 3rd and 4th December 2015

## Publications in Peer-reviewed International Journals

14. A research paper of Dr. Mathew Jose.K. titled "Internet Usage in Rural Kerala: with special reference to Kadukutty (Rural) Grama Panchayat, Chalakudy" is published in International Journal of Informative and Futuristic Research.
15. Tessa Mary Jose presented a paper on "Relevance of Differentiated Banking in attainment of Financial Inclusion in India in International Conference on Innovation, Business and Finance at St Peters College, Kolenchery.
16. Mrs. Radhika P.C. presented a paper at the Second PAN IIM World Management Conference and got the publication in the Conference Proceedings of IIM .Mrs.Radhika also published one research paper in one Journal.
17. Xavier Joseph, Rani George, Siby Mathew, N.V. Unnikrishnan (2015), Structural and Dielectric Studies of Eu3+ -Doped LiK-Zn Fluorotellurite Glasses, (Int.J. of Sci. and Res., 4,2,2319-7064)
18. Nidhin Francis, Ponni Balakrishnan, Siby Mathew (2015), Sensor Applications Using Sol-Gel

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19. Sumod, S. G.T. K. Pant, C. Vineeth and M. M. Hossain (2015), Unusual depletion of OI 630.0 nm day glow and simultaneous mesopause heating during the penetration of interplanetary electric field over dip equator, (J. Geophys. Res. 120, doi: 10.1002/2014JA020584.)
20. Joshi, L. M., S. Balwada, T. K. Pant, and S. G. Sumod (2015), Investigation on F layer height rise and equatorial spread F onset time: Signature of standing large-scale wave, (Space Weather, 13,doi:10.1002/2014SW001129).
21. de Jesus R, P.R. Fagundes, A. Coster, O.S. Bolaji, J.H.A. Sobral, I.S. Batista, A.J.de Abreu, K.Venkatesh, M. Gende, J.R. Abalde, S.G. Sumod (2016), Effects of the intense geomagnetic storm of September-October 2012 on the equatorial, low-and mid-latitude F region in the American and African sector during the unusual 24th solar cycle (J. Solar Terr. Phys., 138-139, 93-105 doi:10.1016/j.jastp.2015.12.015).
22. Justin Paulose, Revi P. Achuthan, Maria P L Linsha, George Mathai, B Prasanth, M V N KumarTalluri, Ragampeta Srinivas Rapid Communications in Mass Spectrometry, June, 2015 29 1577-84. Protonated N-Benzyl and N-(phenylethyl)tyrosine amides dissociate via ion/neutral complexes. (Impact Factor 2.25)
23. Divya P. R., P. M. Sabura Begum, Rani Joseph and Midhun Dominic C. D. A study on structural, electrical and thermal properties of polyaniline nanofiber - silica nano composite. Proceeding of International Conference on Materials for the Millennium MATCON 2016, conducted by Department of Applied Chemistry, Cochin University of Science and Technology, ISBN: 978-93-80095-738.
24. Divya P. R., P. M. Sabura Begum, Rani Joseph and Midhun Dominic C. D. Comparative study of properties of Polyaniline nanocomposites with nanosilica and nanocellulose. Proceeding of 25th Swadeshi Science Congress from 15th - 18th December 2015 at Sree Sankaracharya University of Sanskrit, Kalady.
25. Roshan, K. R., Palissery, R. A., Kathalikkattil, A. C., Babu, R., Mathai, G., Lee, H.-S., & Park, D.-W. (online 11 January 2016). A computational study of the mechanistic insights into base catalysed synthesis of cyclic carbonates from CO<sub>2</sub>: bicarbonate anion as an active species. Catalysis Science and Technology. <http://doi.org/10.1039/C5CY01902H> (Impact Factor 5.426).
26. Justin Paulose, Revi P. Achuthan, M. P. L. Linsha, G. Mathai, B. Prasanth, M.V. N. K. Talluri, R. Srinivas, Rapid Communications in Mass Spectrometry, June 2015, 29, 1577-1584. Protonated N-benzyl and N-(1-phenyl ethyl) tyrosine Amides Dissociate via Ion/neutral Complexes (Impact Factor 2.51).
27. Jose John and Aswathy Anna Jose. 'Phytochemical analysis and anticancerous activity of selected medicinal plants'. International Journal of Applied And Pure Science and Agriculture. Volume 01, Issue 6, (June - 2015) ISSN: 2394-5532. Impact Factor - 0.875.





## Club Activities & Special Features

### AICUF

The 2015 AICUF programmes were initiated by the 'AICUF Day' celebrations on June 13th 2015 at Marian Hall. The new executives were selected at this ceremony. Our students attended the 3- day leadership camp at 'Sameeksha' on the month of July. On the month of August, 10 of our students attended the seminar 'Migrant Worker - A Friend Not a Foe' held at St. Xavier's College, Aluva. Three of our students went to Attapady and camped with the Tribals during the onam vacations. Three day Fresher's camp was organized for juniors at 'Sameeksha'. AICUF celebrated Teacher's Day on 5th September and our students extended a huge support for the college initiated Cancer Survey. Orientation Classes for juniors was taken by Fr.Renjith SJ and on the very same day a Tribal Seminar on the topic ' Tribal culture and Folklore' was arranged in our college. An outreach programme to Akashaparavakal, a destitute home was organized on the month of November. A poster competition in association with AIDA Day and tribute to our Missile Man ' APJ Abdul Kalam' was some events arranged by the AICUF Members. Our students attended the National Tribal Fest at Jharkhand and even went for an exposure trip to Mumbai. AICUF opened a food stall for providing refreshments for volunteers, college staffs and participants.

### Primrose Nature Club and Bhoomitra sena Club

The Nature club members attended a three day nature camp at Dr. Salim Ali Bird Sanctuary, Thattekkad during January 2015.

In collaboration with NSS and NCC of SH College the Club members participated in planting tree saplings in the campus on World Environment day (5th June 2015).

The club members in collaboration with NSS unit of SH college, prepared Karkidakakanji, an ayurvedic health drink on 5th of August 2015. A biodiversity survey was conducted on 23rd September 2015 in and around the campus to document the fauna and flora of the area around the college.

The Club organised a seminar on the Topic "Desertification for conservation of Natural Habitats"

'*Sugandhawadi*' - spice garden a venture initiated in collaboration with the Spices Board of India is nurtured and maintained by volunteers from the nature club.

Commemorated International Ozone Day with an invited lecture and competitions in poster designing, painting and elocution were held. Dr. Daisy Joseph (Scientist, BARC, and Mumbai) inaugurated the function.

Observed World Wetland day with the support of Kerala State Council for science Technology and Environment. Scientist Dr. V. Kripa inaugurated the function.

### Dance Club

The activities of the dance club started with the inaugural function. Unlike the previous years the club was inaugurated this year by two young artists Ramzan and Sania. Ramzan is the winner of the programme "D 4 Dance" organized by the famous Malayalam channel "Mazhavil Manorama" and Sania is also a contestant in similar programmes. They staged a live performance for the staff and students of the institution followed by a dance fest by the members of the club.





### M.G. University Youth Festival

Seven meetings of the dance club were held in the college this academic year in connection with various events in the college. In the first meeting we congratulated the winners of the Mahatma Gandhi University Youth Festival held in April-May 2015 at our home town. The winners of the Youth festival were as follows:

1. Aswathy Jugesh (*Bharathanatyam*, Folk Dance, Other forms of Dance)
2. Amrtha (*Mohiniyatom*)
3. *Margamkali* - 3rd
4. *Oppana* - 3rd

The members of the dance club presented an amazing performance for the HEARTIFEST 2015. Different dance forms Eastern, Western, Contemporary and Fusion were presented for the programme. The members of the dance club will be participating in the University Youth Festival scheduled for the end of this Academic Year.

### International Dance Workshop

The Sacred Heart College Dance Club in collaboration with "Folded Paper Dance and Theatre", Settle, Honk Kong, presents "Water in Kerala". It is a weeks (7 days ) workshop scheduled from 16th to 22nd August 2015 under the leadership of Kanta Kochhar Lindgren, U.S. artist and project director for the workshop, in addition there are three other U.S. artists - Beth Graczy K, Morgan Chang and Aaron Gabriel and also three Indian artists namely Sen Jansen T.F. (Alumnus, S.H. College, Thevara), Rag Saseendrababu, Jebin Jesmes who are specialized in this

field. About forty students of the college are to attend the workshop during these seven days consisting of five days theory and practical sessions and two days of performance. Talented students of the Dance Club of the college were selected for the same after different screening sessions. Students who successfully complete the seven days programme will be issued a certificate and two credits at the end of their degree course. Performers from outside the college are also expected for the two day performance sessions. The event is the first of its kind in the history of Sacred Heart College Dance Club.

### Holistic Education

Holistic Education Department of our College is a body which co - ordinates all organisations and clubs functioning in the campus for personal uplift, and moral and spiritual development of the students. Organisations like Campus Ministry, AICUF, Women's Cell, Career Guidance etc. come under this.

Six Meetings of Teachers in charge of Holistic Education and Class teachers were convened during the report year to discuss and plan various value oriented activities for the benefit of the students.

Five value education classes on themes relevant to youth issues, three special lectures, and two invited lectures were conducted directly by the HE Department.

Various other activities of similar intentions were also undertaken in campus with the monitoring of this Department are mentioned in the reports of the respective Clubs / Organisations.

### SH Theatre Club

The College Theatre Club works as a platform for its members to showcase their talents in Theatrical art and to nurture their personality as a whole. The official Inauguration of the club was on 6th of August 2015 in the college portico by the Principal. The inception of the club activities was through a much applauded street play in connection with Hiroshima day.

The staff coordinators of the club are Profs. C.S.Francis, Vinil K.V. and James V. George. Alita of 3rd DC Sociology was selected as the secretary of the club in the academic year 2015-16. The club conducts weekly meetings on every Wednesdays. On 22nd of September 2015, a street play was conducted on protecting the Ozone layer in comemorence of World Ozone week. On 11- 13 December, 2015, The Theatre club organized a three day workshop at the Students' centre. Twenty three members participated in the workshop. The camp was organized by the well known theatre artists, Mr. Sharan V. and Mr. Vinu Varghese.

The college Heartifest was celebrated on January 16th 2016. The Theatre Club did a comedy skit as part of the cultural events of the Heartifest. It was much interesting for the audience.

In the South zone University Youth festival, our two members, Ally and Megha of 3rd DC English won the selection for participating in the National Level Youth festival.







## SWASTI

1. Orientation for first year girls: Genesis A new beginning.

A new beginning in ability, awareness and attitude. Classes were taken on Personality Development (Prof. Mary metilda, Retd Principal Maharajas, Deepa Thomas, councilor, Adv. Thanuja, High Court and Dr. Grace Thomas, Gynec led different sessions.

A zumba dance session was conducted in the same eve.

2. A creative eve on painting and fabric was conducted led by Fevicryl Co.
3. Ms. Dayabai interacted with Swasti members and spoke on right and power of women
4. Set up a stall '*uppilittathu*' in Ed club fair trade mega mela, an overwhelming demand for the sale items inspired enthusiasm in students.
5. CANCER AWARENESS SURVEY was conducted in collaboration with Kinder Hospital at two wards of Aroor, which included a full day training and three days field survey. 22 students participated.



## Sargapatham

The prestigious intercollegiate literary pentathlon, conducted by the Speaker's forum was held on 19th and 20th November 2015. Teams from various colleges across Kerala contested for honours in 5 events viz., group discussion, mock press, quiz, essay writing and extempore. The two-day event began with a symposium on the topic 'Social Media: Perils and Potentials'. T.P. Sasikumar (Scientist, Educationalist, Writer, Psychotherapist and Directorate General of Security, Cabinet Secretariat, New Delhi), Adv. A. Jaishankar (Lawyer and Social Activist), V.K. Adarsh (technology writer, author and columnist) took part in the conclave. C.M.S. College, Kottayam bagged the overall championship and Govt. Medical College, Kalamassery finished runners-up in the event.

## Heartifest

Heartifest, the annual mega fest of the college was held on 16th January 2016. As usual the Fest was held at the scenic College Lake view ground in Thevara, the cultural event began with the lighting of the lamp by Manager Rev. Fr. Jose Kuriadath CMI. Distinguished guests of the event include Hon. Soumini Jain (Mayor of Kochi) Gopi Sundar (National Award winning Indian Musician), Dr. P.V. Gangadharan (Oncologist, Lakeshore Hospital).

The event witnessed a slew of exciting cultural program such as Symphony, Rangospasana, Skit, Lasyalahari, Nrityathi, Guru Vandanam, Mohananadanam, Isai Neram and Bollywood Dhamaka. A lucky dip was also conducted among the spectators.

Prior to the cultural event the Alumni Association of the Sacred Heart held its annual general meeting during the day. Each department also saw various formal and informal interactions of its alumni members on the sidelines of Heartifest.





INSPIRE

INSPIRE (Innovation in Science Pursuit for Inspired Research), a programme sponsored by the Department of Science and Technology (DST), Govt. of India, for the Higher Secondary students was conducted on February 16-20, 2016. The annual internship science camp is intended to attract young talents to science. The talented students from various schools of our state got a rare opportunity to join the eternal quest to understand the universe by analysing and unravelling its mysteries. The camp was organized under the initiative and guidance of the botany, chemistry, mathematics, physics and zoology departments of our college. The programme was coordinated by Dr. Siby Mathew, Associate Professor, Department of physics. The highlight of this year's event was the interaction and photo session with Prof. Eiichi Negishi (Nobel Laureate), Purdue University, Indiana, USA. Scientists from different institution of India delivered lectures. Around 350 students from schools across Kerala participated.

College Day

The 72nd College day celebrations was held in the college auditorium on 3rd February 2016. The program began with the lighting of the lamp by the Manager Rev.Fr. Jose Kuriadath CMI, the Principal, Fr. Prasant Palakkappillil CMI, Staff Secretary and General Coordinator Prof. Siby Abraham, Staff Representative Prof. Rajesh James, Council Secretary Dr. Georgekutty Joseph and College Union Chairman, Mr. Arjunlal. The Guest of Honour of the event was Sri. Arul R.B. Krishna IPS, District Police Chief, Kochi city. The presidential address was followed by the deliverance of annual report by the principal, succeeded by prize distribution.



Renuka S.  
B A Economics  
A+ grade & 1st rank  
University Examination



Sreelakshmi  
Sreekumar  
Dept. of Botany  
B.Sc. 3rd Rank

B.Sc Mathematics



Rosna Paul  
1st Rank & A+



Remya Rajagopal  
5th Rank & A+



Najiya K.Z.  
6th Rank & A+



Pyary C.H.  
7th Rank & A+



Anjana Raghavan Terese Mary Chacko



BA Sociology secured the highest marks  
and became the University toppers of the  
BA Sociology Examination



Aiswarya Venugopal Lima Kunjachan  
A+ B.Com, M.G. University



Sreelakshmi Sreekumar  
III B Com TT  
elected to  
MG University Senate 2015.

*Cor Rectum Inquirat Scientiam*

