



annual report



[2013-14]



SACRED HEART COLLEGE
NAAC REACREDITED A GRADE (2013) &
COLLEGE WITH POTENTIAL FOR EXCELLENCE
THEVARA P.O., KOCHI - 682 013, KERALA, INDIA



[annual report 2013 - '14]

[coat of arms]




The college Coat of Arms is in the form of a shield divided into four parts by a Cross, with a Crown and Lily at the top and a motto in a Scroll at the bottom.

The Flaming Heart signifies a burning desire for true wisdom and a consuming love for fellow beings. The Sacred Heart of Jesus, the hallowed insignia of the college, symbolizes the passionate love and the unending compassion for humanity. The Open Book indicates the pursuit of knowledge and intellectual formation - every individual's aspiration. The ship in the Ocean with violent waves dashing against the rocks symbolizes the individual in this world. With proper nurture of the heart and the head, the student should be able to sail safely along the troubled waters of the ocean of life (samsara sagaram) with courage and confidence.

The natural scenery with the Western Oak Tree and the Eastern Palm and a stream flowing in between, suggests the harmonious blending of the ethos of the east and the west, the local with the global. The pre-eminence of the Indian culture is hinted by the Indian palm towering above the western oak.

The white Silver Cross that divides the shield into four parts symbolizes innocence, sanctity, discipline and the triumph of truth. The Crown and at the crest point to the goal of each student - to be crowned victorious, shielded with truth. The Lily symbolizes purity which is the chief characteristic of a true seeker of wisdom.

SH SACRED
HEART
COLLEGE
THEVARA KOCHI KERALA



Since 1944, Sacred Heart College Thevara Kochi aims at fashioning an enlightened society founded on relentless pursuit of excellence and a secular outlook combined with a firm faith in God.

SH College is determined to push the boundaries of educational excellence as well as providing a vibrant platform for students to showcase their cultural talents to the best.

With its 14 UG and 14 PG programmes, and a range of diploma and certificate courses, the college has been in a quest to stay ahead of the ever expanding academic frontiers.

[editorial team]

Dr. Jeenu Kurian
Fr. (Dr.) Jose John
Sreejith
Aravind

#0 [contents]



5	Manager Talk
6	About the College
8	Key Management Staff
9	The Year Gone By: Annual Report by the Principal
13	The Big News! – Autonomous
14	Research Initiatives and FDP
18	Celebrations
24	Flagship Events
28	Department Activities
36	Human Development Initiatives
47	International initiatives

#5 [manager talk]

Since its inception in 1944, Sacred Heart (SH) College Thevara has scaled from heights to heights, raising the bar for education and overall student development in the state of Kerala.

As we reflect on the past academic year, we are proud of the achievements made by our college. Thanks to the dedication, hard work, and leadership of our management, faculty and staff, SH College Thevara is well-positioned for a strong and vibrant future, one in which the College continues to provide affordable, high quality education to its students.

This year the college launched its platinum jubilee celebration with Hon. Chief Minister of Kerala Mr. Oomen Chandy inaugurating the celebrations. The BSE project, a Rs.25 crore infrastructure enhancement project for the college, was announced giving a major fillip to its faculty and students. The project will be executed over the next 5 years and will be completed by 2018-19 when SH College celebrates its platinum jubilee.

The year 2013-14 was a path-breaking year for SH College, and perhaps for the higher education in Kerala on a whole. SH College was among the 13 colleges to be recommended for autonomous status in the state. This is the first time that colleges from Kerala have been recommended for autonomy signally a major shift in state college educational policy. SH College is proud to be among the chosen ones to lead this transformational change in education in Kerala.

In this Annual Report 2013-14, you will read through activities & achievements by various departments of our college apart from its flying feats on the sports field and other human development camps. We will also be highlighting our accomplishments as a Research Institution in line with our aim to grow and establish ourselves as a premier research institution in coming years as we build upon our many accomplishments, across our campus and our communities.

We thank our students, their parents, our staffs for their continued support to SH College. Your support truly energizes our College community, ensures our future success, and allows us to prepare an increasing number of students for in-demand careers and enriched lives.

Fr. Paulose Kidangen



#28[key management staff]



Fr. Paulose Kidangen
Manager



Fr. Prasanth CMI
Principal



Fr. Joby Malamel
Bursar



Dr. T. J. James
Staff Secretary



Dr. Joseph T. Moolayil
Staff Representative



Dr. V. S. Sebastian
Student Advisor

#5 [about the college]

Our Motto

"COR RECTUM INQUIRIT SCIENTIAM"
(A righteous heart seeks after wisdom)

Our Vision

Our vision is the 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.

Our Mission

Our mission is to provide an environment that
Facilitates the holistic development of the individual,
Enables our students to play a vital role in the nation-building process and contribute to the progress of humanity,
Disseminates knowledge even beyond the academia,
Instills in the students a feel for frontier disciplines,
Cultivates a concern for the environment.



14^{PG}_{UG} courses

1711^{UG}_{Students}

06^{Research}_{Departments}

317^{PG}_{Students}

#28 [annual report by principal]

To quote a line by the famous American poet, essayist and lecturer Ralph Waldo Emerson - "Do not go where the path may lead you, go instead where there is no path and leave a trail." Sacred Heart College's pursuit for excellence in education and student development has constantly inspired us to innovate, chart newer territories and take path-breaking decisions often setting precedence.

In today's world, change seems to be the only constant. Everything around is changing rapidly - the power of technology, the knowledge children will need for tomorrow's workforce, the way students are trained to be future leaders and innovators, everything is constantly changing at a pace un-imaginable. In these circumstances, the only way one can stay relevant and contribute effectively is by constantly evolving and re-inventing, while relentlessly focussing on the results while ensuring our feets are planted firmly on the ground. Being acutely aware of the challenges we face today, our strengths as an educational institution, and the responsibility to prepare our students for the world tomorrow, it is with a sense of honour that I present the highlights and achievements of the College for 2013-14.

This year marked the 70th anniversary of the founding of Sacred Heart College, Thevara. As our college community celebrates this milestone, we owe a heartfelt thanks to the Carmelites of Mary Immaculate (CMI) founders of the College. Their common purpose, dedication to student success and innovative spirit forged a mission for this institution that is as relevant today as it was at inception.

We don't always know what's next, but we know we must be ready. The flagship PROJECT BSE (Building Space for Excellence) was inaugurated by Hon. Chief Minister of Kerala Shri. Oomen Chandy at the glittering event 'Heartifest'. The project, expected to be completed in five years on an estimated budget of Rs.25 crore, will comprise of an administrative block, an international hostel, indoor stadium, swimming pool, a block for self-financing programmes, new labs and other facilities. This will ensure that SH College is all geared up in terms of its infrastructure to lead the transformation change in college education in Kerala.

I'm very delighted to announce that Sacred Heart

College, Thevara was selected as one of the thirteen colleges from Kerala to be recommended for autonomous status. This is widely tipped to be a path-breaking decision for college education in Kerala with major impact on the quality of students passing out from the institutions in the state. Earlier, a round-table discussion on autonomy was held in the college in which eminent academicians participated and spoke on the benefits of getting autonomy. The participants included Prof. N.R. Madhava Menon, Founder-Director of National Law School of India University (NLSIU), Prof. Geetha Swaminathan, Dean of Stella Maris College, and eminent lawyer Adv. Sivan Madathil. In December, a team from the government visited our campus and made recommendations. We really look forward to getting a final nod from the UGC very soon.

Re-affirming its commitment to provide high-quality education and overall student development, the Sacred Heart College received top (A) Grade from NAAC, third time in a row. I would like to extend my sincere thanks to Dr. C. M. Joy, Dr. Joseph T. Moolayil and Dr. V. T. Jose apart from all other staff and students for making this feat possible. The India Today & Outlook survey on higher education has rated us with 23rd and 43rd positions respectively for science and commerce streams. To maintain this high standard and to further strengthen IQAC, we have appointed seven committees corresponding to the seven criteria in the SSR of NAAC. I also had the privilege to be a peer team member of NAAC to assess _____.

Teaching is a tough, so are Spartans! A major part played in our rich heritage and highest standards of education has been the dedication and selflessness of our faculty members. This year, eight of our faculty members and one non-teaching staff have retired after several decades of committed, dedicated and unstinting service to the college. They are - Dominic V. J., Associate Professor and Former Head of Department of Botany; Joseph P. J., Associate Professor and Former Head of Department of Chemistry; P. M. Joseph, Associate Professor, Department of Chemistry; Philip P. J., Associate Professor, Department of English, A. Varadarajan, Associate Professor and Former Head of Department of Physics; Kuriakose, Associate Professor and Former Head of Department of

Oriental Languages; John Joseph, Associate Professor, Department of Zoology and Sebastian P. A., Associate Professor, Department of Zoology. On behalf of the college, I thank them for their untiring and dedicated services over so many years and pray for their good health, well-being and happiness in the years ahead.

It is with deep sense of sorrow that we record the passing away of non-teaching staff M. A. Varghese. We pray for the repose of his soul and that the Almighty may comfort his bereaved family.

With new faculty members joining us this year, the Heartian family has gotten a lot bigger and undoubtedly younger. I am sincerely pleased to welcome many promising new additions to our institution. Rev. Dr. Jose John joined Department of Botany, Dr. Abi T. G. joined Department of Chemistry, Ramakrishnan joined Department of Chemistry, Anu Cherian joined Department of Communication, Rupesh Kumar joined Department of Communication, Sreeja Prajeesh joined Department of Communication, Fr. Sabu Thomas joined Department of English, Vinil K. V. joined Department of Economics, Shyamlal M. S. joined Department of Oriental Languages, Nijo Varghese and Varghese Anto joined Department of Physics, Jobin C. Tharian and Mathew M. J. joined Department of Zoology.

One of our faculty members Dr. Jose Varghese from English department put down his papers during the current academic year. We wish him the very best for future endeavours.

I congratulate Dr. Raju M. K., Associate Professor in Zoology who was awarded doctorate by the University of Kerala.

As part of faculty development, a one-day retreat was organized for the teaching and non-teaching staff of the college during this year. A special two-day orientation course titled 'Theme Centred Interaction' was also conducted by the college to ensure that the teaching staff is up-to-date on latest developments in the field of teaching & research.

As an institute of higher education, we continue to strive for excellence. Our faculty members identify and use all possible platforms to update their knowledge and skills. Many of our teachers participate and present papers at International, national & regional seminars & conferences. Many have published books & papers in journals, delivered lectures, been resource persons at important academic conferences and seminars, and are active members in prestigious academic bodies and committees. Thirteen faculty members attended orientation/refresher courses conducted by ASC of various universities in India. In addition, six minor projects have been sanctioned this academic year.

Environment has always been an issue close to the

heart for SH College, Thevara. Conserving environment today will ensure the quality of life for our future generations. From June 4th - 7th, SH College in association with The Hindu celebrated awareness about the environment. Symbolically, saplings of endemic plants were planted across the campus. Other events during these days included talks about current environmental issues, bird-watching event, butterfly protection, oath-taking on nature conservation and water testing from various water-bodies in Kerala. A cycle-rally was also organized to increase public awareness.

Localization of global education has become a very power method in education today. SH College has entered into various regional, national and international tie-ups for overall student development.

1. Nihon Fukushi University Japan.
2. MoU with Juniata College, Pennsylvania, USA for student and faculty exchange and academic collaboration.
3. Auckland University of Technology (AUT) for academic collaboration by offering joint MS programme in Environment Science.
4. MoU with INDOCOSMO for academic collaboration and international exchange.
5. MoU with Rajagiri College of Social Sciences for Organic Farming and Academic Collaboration.
6. MoU with BODHANA, Thiruvalla for student training and organic farming.
7. MoU with Maradu Municipality and School for academic outreach and conservation of Mangroves.
8. MoU with Ms. Pushpakumari (w/o late alumnus N. P. Vasudevan) for providing free lunch for deserving students.
9. MoU with Kerala Nadee Samrakshana Samiti for river & environment protection.
10. MoU with Kerala Water Sports Organization in Yachting.

Various departments in the college held their annual endowment lectures & UGC seminars for which eminent scholars were invited. The details of each of these events are summarized under individual department activities.

This has been a very exciting year for the students of SH College. Many of our students bagged top ranks in MG University.

For UG courses, we secured an overall pass percentage of 85.62 %. Our Mathematics department made us all proud by producing 100% result. Our Commerce department produced a stunning 5 A+ grades among the total 7 A+ in MG

University. Two of our students from Zoology department secured 2nd positions in the MG University UG exam.

I'm also proud to announce that 10 of our students figured among the top 3 ranks for PG exams. The department of Acqua-culture saw three of its students occupying all three top slots in the exams. The students of the departments of Applied Chemistry and Chemistry secured 2 ranks each while department of Economics, Physics and Zoology had one rank-holders each.

I'm thrilled to report that the excellent performance of our students are not just limited to classroom academics but on the playing field as well. Students from our college formed the MG University Badminton team which won the All-India Inter-University Championship. In addition, our fencing, kabbadi, basketball, football & table-tennis teams also won laurels at the University championships.

At SH college, apart from academics & sport, cultural development of students is equally fostered. We aim to provide the best of platforms for our students to show-case their cultural talents. Several departments organized their festivals this year, inviting college students from the city to participate. The college also organized Hrdya Sarga Sangamam, the inter-departmental cultural festival; Sargapadham, the inter-college competition & Heartifest which showcased the abundant talents of our students on stage. SH College stood at 4th place in the MG University Youth fest held at Kottayam.

The SH College Union council was elected on 3rd February. It was the first time in the history of the college, that the elections were held in parliamentary type. The returning officer was Prof. George Phillip, HoD of Physics department. The newly elected council members are as follows:

P O S T
NAME 1 CHAIRMAN PAUL RAJ C. 2 VICE CHAIRMAN
CHINNU LUKOSE 3 GEN. SECRETARY VIBEESH BABY
U N I V E R S I T Y U N I O N
4 C O U N C I L L O R

1
A L O Y S I O U S X A V I E R
2

J O J O J O H N 5 E D I T O R
ALOKH THOMAS 6 ARTS CLUB SECRETARY DEEPAK
M . N . 7 L A D Y R E P R E S E N T A T I V E

M A R I A M H E N N A

1
N O U S H A D
2
RIYA RAJU 8 CLASS REPRESENTATIVE

1. I D C ASHIQ BINYAMEEN T. P.
2. I I D C A K A S H J O S H I
3. I I I D C R A H U L R A J A N
4. I P G N I D H I N F R A N C I S
5. II PG SEN JANSEN T. F.

We have always been proud of the National Cadet Corps of SH College. This year too, our college NCC cadets excelled in their activities and have kept our flag flying high. The NSS unit of the college continues to work with commitment to uphold its objectives of service to the community and the nation.

One of the major measurements of an academic institution is the employability of its students post-education. We, at Sacred heart College, are acutely focussed about forming the employability quotient of our students, and facilitating successful career opportunities for them. Our college Placement cell has been fairly successful in its endeavours. This year, 116 of our students were placed in reputed institutions such as Goldman Sachs, KPMG, RBS, IBM & The South Indian Bank.

It's worthwhile to note that our College Magazine won the 'Best Magazine Award' in MG University last year. I congratulate the editorial team for their hard work and passion in putting together this magazine.

As I conclude this report, I would like to extend my sincere thanks to every member of the faculty and to those who hold additional responsibilities - our Manager, Vice-Principal & Head of Departments - I owe a deep debt of gratitude. I value your time and efforts and recognize that all our accomplishments as an institution are because of your continued support. In addition, I would also like to extend my thanks to all our non-teaching staff. Your work gives us the much-needed space to focus energies into larger goals of being an educational institution par excellence. A special word of thanks to all parents who have chosen us to shape their children's future.

Thank You & God Bless!

#28 [the BIG news]

We are now an Autonomous College!!

As the world was busy preparing themselves for Christmas - the festival of hope, joy and awakening, came the news that will revolutionize college education in Kerala. On the eve of Christmas, the Kerala government endorsed autonomy for 13 colleges in the state. It was a landmark decision considering that till then not a single college from Kerala featured among the 441 autonomous colleges across India.

Sacred Heart College, Thevara featured prominently in this list of colleges being proposed for autonomous status. The news was welcomed in the college campus with lot of cheer and enthusiasm by students and teachers alike.

Welcoming the Cabinet decision, Fr. Prasanth Palackapillil, Principal of Sacred Heart College said autonomy would provide immense scope for introducing innovative courses and combinations.

Many faculty members feel that this decision will facilitate lecturers & professors to be focused more on teaching, research and education and relieve them of a host of other clerical activities that's taking away close to 30% of their current time. It will also help colleges keep their curriculums updated and as per international norms.

All of this will have a direct and positive impact on the quality of students passing out as well as considerably enhancing their employability quotient, both of which has seen a notable decline over the last few years.

Students approve that - it's a great step as it will help colleges to offer latest courses, for which many of their seniors had to leave their home in Kerala and migrate to other states. In fact they feel that the college can offer courses at par with any international universities

The selection of Sacred Heart College for autonomy re-enforces its commitment of focusing passionately and persistently on hiring the most qualified and suitable faculty who ensures ace educational standards for its students.



#28[research initiatives & fdp]

Sacred Heart College, Thevara has a vigorous research culture with six of its departments being recognized research centres facilitating research leading to the award of Ph.D. by the M.G. University, Kottayam. The in-house research forum called SHARE (Sacred Heart Advanced Research Endeavour) provides students, teachers and research scholars active support through lectures, workshops, projects, seminars & discussions on frontier areas of research.

In the current academic year, 6 minor projects were sanctioned by University Grants Commission (UGC) totalling a grant of Rs.5,52,500. This is in addition to Rs.1,76,87,500 of major and minor projects which are in various stages of execution by faculty of various departments over the past few years.

The list of major projects and the chief investigators are as follows:

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Sl. No	Department	Chief Investigator	Funding Agency	Title
1	Botany	Dr. Joy P. Joseph	U.G.C	<u>In vivo and In vitro</u> production of <u>camptothecin</u> from <u>ophiorhiza</u> species
2	Botany	<u>Dr. Jiby Kuriakose</u>	DST	Orchid Ecology
3	Economics	<u>Dr. Siby Zacharias</u>	U.G.C	Tribes and Human Rights Violations-A case study of the Primitive Forest Dwelling Tribes of Kerala.
5	Chemistry	<u>Dr. Jinu George</u> & <u>Dr. Franklin</u>	DBT	Novel <u>Amphiphilic</u> polymer drug conjugate for RNA targeting.
6	Zoology	<u>Dr. P.A. Sebastian</u>	International Foundation for Science (IFS), Stockholm, Sweden	Diversity of abundance of spiders (order Araneae) in different habitat types of <u>Agasthyamala</u> biosphere reserve in southern western

Apart from the major projects, there are 26 minor projects investigated by five departments which are in different levels of completion.

On 17th August, the first research scholar meeting was organized by Dr. Raju K. V. and Dr. M. S. Francis. The second research scholar meeting for this year was held on December 7th at Fr. Melesius Hall. The meeting honoured two Ph. D awardees - Dr.Sabulayen P. J. and Dr. Baby T. O. Research

scholars from six research centres - Economics, Commerce, Botany, Zoology, Chemistry and Physics - presented their progress and findings in the meeting.

The recent research in Zoology department with its investigations in Arachnology published an article in Zootaxa entitled "Fecenia Travancoria Pocock is

#5 [heartifest 2014]

recognized as a junior synonym of *Fecenia Protensa* Thorell (Araneae Psecridae): A case of intraspecific variation". This research was acclaimed around the world. The department also investigates on topics such as "Biodiversity and survival of indigenous ornamental fishes of Kerala with Emphasis on Handling and Packing Stress in *Etroplus suratensis*" and "DNA Bar Coding of Agriculturally Important Insects".

The Economics department is leaping ahead in research on topics such as agricultural economics, financial economics, industrial economics, migration and HD in Muslim cities especially in Malappuram. Other topics included "Economic Activities of Gulf Returnees in Thrissur district".

The Chemistry department's area of research include computational chemistry, studies on radiological impact assessment & characterization of Equatee environment especially in Eloor, Kerala. The topics such as - ES Studies of unsaturated ketones, Spectroscopic & DFT study of copper curcumin complex and Zn complexes of curcumin- are also being investigated in the department.

The main area of research focused by the Botany department includes topics such as Phytochemical & Molecular systematic of artemesia species and aristolocia species, Genetic Analysis of Vtl series to a sativa varieties by SSR markers. Studies on Orchid Ecology, Liana Ecology and agriculture produced by other tribal communities are few of the other area of research.

The commerce department investigates on research topics such as Foreign Direct Investment & Exchange Earnings - An analytical study on EOUs of Cochin special economic zone, study on investment in stock market, study on income tax planning among the employees in Kerala, The Study on District industries with special and A study on customer satisfaction in commerce with special reference to Kerala are few other area of research interest.

Our faculty members have attended and presented papers at International, National, Regional Conferences and Seminars. Many have also published research papers in peer reviewed journals and some have delivered lectures, been resource persons at academic conferences and seminars. Few of the faculty namely Dr. Siby Mathew, Dr. Jorphen Joseph, Dr. Grace Joseph, Dr. Binu K.D., Dr. Roby Cherian, Dr. Minipriya, Prof. Jeet Kurian Mattom, Prof. Didimos and Prof. Tessa Mary Jose attended refresher/orientation courses in this academic year.









#28[department activities]

Department of Mathematics

The Department of Mathematics at Sacred Heart College, Thevara was established in 1944 and has trained thousands of students from its undergraduate and post-graduate courses. The team of highly qualified faculty aims to develop a Centre of Excellence in Mathematical Science and interdisciplinary Mathematics.

On 14th August, the Mathematics Association was inaugurated at Students Center. The chief guest was Dr. George Mathew, Associate Professor, Department of Mathematics, Maharajas College. Rev.Fr. JohnsonPalackappillil, Principal of SH College felicitated the gathering. This was followed with Fresher's Day celebrations. The Association has been at the forefront of several academic and cultural activities this year.

On 15th August, the alumni meeting for the department of Mathematics was held in SH College. Several ex-students have enthusiastically participated in these meetings and the department has benefited from their interactions.

The department of Mathematics has been committed to scaling newer heights in imparting the best of Maths education for its students. This commitment was yet again highlighted when it achieved the feat of 100% pass for its UG course for the year 2012-13. The faculty and students of the department were overjoyed when the Registrar of M.G University personally congratulated the department for its sincerity and commitment. Disna Mary of M.Sc Maths secured 4th rank in the M.G University Exam.

A team of two UG Maths students - Rahul Rajan and Karthiga – won numerous awards in various quiz competitions across Kerala. The team of Rahul Rajan and Anisha bagged the 1st prize in All Kerala Quiz competition conducted by CUSAT.

The students of final year UG Maths went on a 4-day study tour to Wayanad and Ooty. Twenty-six students joined this study tour. The students shared

CUSAT and Prof. AswinGanesan, Amrita University. The talk gave an insight into interconnected network and Graph Algorithm. Over 160 students from various colleges in Cochin participated in the Seminar. Many teachers also actively participated in this event. On 8th February, Zero Day - a cultural program of the Mathematics department was organized in the SH college auditorium. The event included dancing, singing, story-telling and skits.

On 18th February, an inter-college quiz competition was organized in SH college, Thevara. The department also served as a venue for a regional Statistics Quiz conducted by department of Mathematics, CUSAT.

Two faculty members, Assistant Prof. Didimos and the Assistant Prof. Jeet Kurian Mattom attended refresher and orientation courses conducted by Kerala University and Calicut University respectively.

The Maths department has been active in various Research initiatives and projects. Two UGC sponsored minor projects - one entitled 'Fuzzification of Ideal Topological Spaces and its application via Image Processing' by Dr. Jeenu Kurian and the other entitled 'Graph

pebbling a detailed Study' by Asst. Prof. Jeet Kurian Mattom – are underway.

Department of Commerce:

The Commerce department of SH College, Thevara has been pioneers in Commerce education in Kerala. Today, the department is ranked among top 25 commerce education centers in India.

Committed to maintaining the highest stands of Commerce education in the country, five of the total seven students in M.G University who bagged A+ grades in final year UG course were from SH college, Thevara. The department also secured 38 A grades for final B.com examination. Our M.Com students bagged the fifth and eighth rank in the university examination.

Four PG students in Commerce departments cleared JRF/UGC NET exam this year. Few B.Com students

cleared the IPCC Inter Examination as well.

The Commerce department is proud to announce that 36 of its UG students and 1 P.G. student got selection in the Royal Bank of Scotland. Four of its students were selected for internship in Goldmansachs this year.

Dr. Mathew Jose.K. of the department cleared his LLB examination. Asst. Prof. Joseph George of the Department attended a Refresher course conducted by the Deccan Educational Society at Brihan College of Commerce, Pune. Tessa Mary Jose of the Department will be attending an Orientation Program in the month of February at the Academic Staff College, University of Kerala, Trivandrum. Asst. prof.Sajoy and Asst. Prof. Tessa Mary Jose of the department got their UGC Minor Projects approved.Asst. Prof. Sanu Varghese was selected as the programme officer of NSS unit of the college. Baby Simi (lecturer, Commerce Self Financing) qualified her PGDHRM (Post Graduate Diploma in Human Resource Management)

One final year B.com student went for a student exchange programme to U.S. (Junaita College). DevikaSankaranarayan (B.com, Computer Applications) was selected in IIM Kolkatta.

Students of Commerce Department go regularly for Blood Donations. Eight students alongwith a faculty member from the Department donated blood in the blood donation camp organized by AICUF of the college. They also visit various charitable institutions as part of their social outreach programme each year.

On 11th January, the Commerce department conducted an alumni meet in connection with HEARTIFEST. The department has officially decided to conduct the same in the coming years too.

On 19th& 20th December, The B.com students of the college organized a two-day inter-college Management & Cultural fest titled TANDAV '13. More than 200 students from about 40 colleges in the State participated in the event.

A certificate course in Practical Accounting and Tax Procedure is conducted by the department. At present we have both the senior as well as the junior batches attending the course.

On 23rd January, a quiz program was organized for the first and second year B.com students of the commerce department by Quizcraft Events & Communications New Delhi.

Various study tours have been initiated in 2013-14 to help students expose themselves to different methods of learning. The final M.com students along with a faculty member went for a four-day trip to Ooty and Wayanad. The final year B.com students (Computer Applications) along with two faculty members went for a three-day study tour to Gokarna, Dandeli& Yana (Karnataka). The second year B.com students accompanied by 2 faculty members visited the Tea Museum and 'Srishti' - an undertaking of Tata Beverages Corporation Ltd at Munnar. The Final B.com students along with two faculty members from the department will be going on study tour to Coorg and Wynad on 23rd, 24th, 26th and 27th February.

The Department started roof-top bio-farming this year in collaboration with National Horticulture Mission

SH School of Communication

The recent years have seen India become a hub of several multi-national and national companies setting up businesses linked to communications industry. SH School of Communications, started in the academic year 2013-14, offers four new courses, viz., MA Cinema and Television, MA Graphic design, Master of Communication and Journalism (MCJ) and BA Animation and Graphic Design.

The Art and Heritage Festival was organisedby the School of Communication as an effort to revive the dying folk art forms of Kerala. A first of its kind initiative by a college, it was a rare confluence of various ethnic art forms which are on the verge of extinction. Chavittunatakam by ThampiPayyapalli (Recipient of SangeethaNatakaAkademy Award for Folklore) & team, Tholpavakoothu by BalakrishnaPulavar&team, Thayambaka by SHSC faculty Niranjana Varma & team and Kalamezhuthu by AnushtanaKalaratnamThiyyadi Raman Nambiar were the highlights of the festival. Short film and documentary productions by the students and faculty of SHSC were also screened as part of the fiesta.

As an attempt to nurture the silver screen dreams of youngsters, SH School of Communication joined hands with the Directorate of Higher Secondary Education (DHSE) to host Teen Talkies, a seven-day film making workshop for higher secondary students. Veteran filmmaker SibiMalayil inaugurated the event. Prominent film personalities like writer John Paul, Filmmaker Mohan, Cinematographer Sunny Joseph, Editor Vinod Sukumaran, Sound Engineers Hari Kumar and Madhavan Nair, Art Director RaziAzhakappan, Rev. Benny Benedict CMI, Director of Chetana Media Institute, and Film and theatre artist Manu Jose interacted with the students. Over 40 students representing various higher secondary schools across the State participated in the event. The department, in collaboration with DHSE, is also planning a production on the topic 'gender & sexuality' for creating awareness among teenagers.

The idea to set-up an in-house state-of-the-art production house, which can generate revenue for its sustenance by offering various video production solutions took shape this year in SH School of Communication. The first production is a documentary on cleanliness drive in Nedumbassery Panchayat. The production house will also take care of the publicity materials and corporate videos for the college. This facility will help students to work in a professional ambience, delivering results to client's satisfaction and also serve as an effective on-job training platform for starters.

The Communication department is planning to set up a Research Centre to fill the vacuum with respect to analytical studies in the domain of information sciences. There will be efforts to capture and document serious reflections on society and media. The Center will track the current affairs, emergence of new trends, involvement of media, surveys and impact analysis etc. in an academic pursuit. It also plans to bring out a journal every three months to harness a serious readership in the domain of media studies. Such a publication will be an effective medium to engage with the academic and professional fraternity across the country.

A monthly Lab Newspaper "ROUND UP" was produced by MCJ students. Layout and design was done by MA graphic Design Students.

MA Multimedia students and MA Cinema and Television students have produced short films, documentary video and other video production as

part of their curriculum.

Major events, proposed to be held in 2014-15 academic year:

- PadamPidikkam Edition-2.
- Art Festival and Art Exhibition.
- A conclave of Women Journalists in India.
- Animation festival.
- Professional workshop on Filmmaking.
- TAG 2

Department of Sociology

The Department of Sociology at SH College, Thevara is one among the earliest established courses in south India. Over the last five decades, the department has produced nearly 2000 sociology graduates and professionals.

On 19th June 2013, 'VayanaDinam(reading Day)' was held in the college. All the students in the department were encouraged to participate in the reading competition & quiz competition that followed. Students also formed groups and cleaned the Library fostering the importance of reading habit among students.

On 26th June 2013, Sociology department organized an inter-departmental seminar on the topic 'Drug-abuse and Impact Youth'. Dr. Radhakrishnan was the main resource person for this seminar.

On 1st July 2013, the sociology department co-organized the Fr. Abraham Kallarackal Memorial National Seminar. The topic for this year's seminar was 'Green Politics and the Future Development of Kerala' and was held at Town hall, Cochin. Prof MadhavGadgil, the main architect of the much talked-about Western Ghats Ecology Expert Panel (WGEEP), was the chief resource for this event.

On 11th July, The Sociology Association was inaugurated by Mr. Jose Maveli, Director of Jana SevaSisuBhavan, Aluva. The Association has been actively engaging students through various social, academic and cultural initiatives in the campus.

On 9th August, a seminar was organized on the topic

'Tribal Welfare' at SH College Thevara. The seminar was inaugurated by Dr. Sibi Zacharias.

The Sociology department has been actively organizing outreach programs for the less-privileged in Cochin city. Once such widely acclaimed program was 'Daya', in which students and faculty participate in distributing food packets to the under-nourished and less-privileged in Cochin. The event was re-launched on 10th August and is organized every Thursdays.

On 13th September, an inter-department seminar was organized in SH college. The topic for this seminar was 'Stress and Youth'. The event was well-received by several students who participated enthusiastically on this very important and widely-discussed topic. Well-known psychologist Ms.Megha Rao was the main resource person for this seminar.

On 10th October, an inter-department Essay writing competition was organized by the Sociology department.

On 15th November, a Poster-Exhibition was organized in the college. The theme of this exhibition was 'Socio-Vision' and focused on several relevant contemporary issues currently discussed.

On 20th October, a survey was undertaken among the students of SH College,Thevara on the topic 'Reading Habit Among Youth'. The survey was conceived, planned and executed by the students of sociology department.

On 14th November, the sociology department celebrated the Children's Day with 855 differently-abled students from 29 schools. The celebration titled 'Uniquely Me' was held in collaboration with CEFEE.

On 22nd November, an inter-departmental workshop was organized on the topic 'Project Work in Sociology'. The chief resource person for the event was Dr. Gladis Mary John, HoD, St. Teresa's college, Cochin.

On 26th November, a free Eye-Test Camp was organized in SH College, Thevara in collaboration with Vasan Eye Care, Cochin.

On 1st December, the department of sociology organized a one-day visit to Immanuel Orphanage in Azhakam, Kochi. This initiative was deeply touching to several student participants who spent quality time with residents in this orphanage.

The department of Sociology hosted the 40th National Conference of Kerala Sociological Society from 13th-15th December. Over 560 delegates from all over Kerala participated in this Conference and deliberated on several key issues facing the Society today.

Department of Computer Science

Established in 1991, the Department of Computer Science at SH College ,Thevara runs undergraduate programs designed and approved by the UGC and recognized by the M G University, Kottayam. In addition to this, the department offers a PG Diploma in Computer Applications and DOEACC 'O' level course.

On 18th July, Alumni of department of Computer Science distributed educational materials to 50 deserving students of St. Thomas Girls High School, Perumannoor. Apart from the alumnus, few department faculty were also present on the occasion.

On 28th& 29th June, in connection with the ASAP training program sponsored by Kerala Government, the department took the initiative to organize APTIS test. About 120 students took this test conducted by British Council.

On 24th July, the Department organized Kerala Cartoon Academy's campaign 'Social Awareness through Cartoons' in association with Kerala Motor Vehicle Department. More than 150 cartoons were displayed in the college portico which gave the awareness about the social issues such as drug addiction, alcoholism and road accidents. The exhibition was inaugurated by Mr. C M Sayed Muhammad, Joint Transport commissioner while Fr. PrasanthPalackappillil, Principal of SH College presided over the function. Mr. Aravindan, Chairman, KCA and Prof. RegithaBaiju, Head, Dept. of Computer Science spoke on the occasion. Mr. N K Raveendranath (RTO), Mr. Biju James (MVI), Mr. Noufal (MVI), Mr. MS Mohanachandran (Secretary, KCA), Mr. Noushad (Treasurer, KCA) and Mr.

JayarajVellur (Vice Chairman, KCA) were also present. On the same day, a seminar on "Road Safety" was also organized by Mr. Adarsh Kumar G Nair, Joint RTO. With slides and video clips on road accident and safety measures, the seminar was very informative for students and teachers alike.

On 16th July, Fresher's Day was organized as part of welcoming the new buds into the department. New students introduced themselves and took the platform to showcase their talents in various events. On 16th August, DepartmentAssociation (CASA) was inaugurated by Mr. Cherian Arattuculam, Managing Director, IBM Career Education. On the occasion he spoke on 'Career opportunities in the IT field'. Fr. Prasanth, Principal of SH College, while delivering the presidential address, appreciated the department for its vibrant activities and endeavors in the previous years. During the event, awards were also presented to students for their excellent academic performance. In fond memory of our former student

Mr. Alex Abraham, the department has started 'Alex Memorial Award' for 'Best Overall Performer' which was awarded to Ms. SyamiliSatheesh. Department alumni association has sponsored 'Alumni Endowment' for 'Best Academic Performer' which was given to Ms. Reshmi Antony. Our alumnus Mr. Rakesh Sharma has taken interest to give 'Chandrasekharan Memorial Award' for Excellent Academic Performer to students who achieved 'A' grade. These awards were given to Ms. Haleena Jaleel, Ms. Sreedha M A, Ms. Mary Blessy, Ms. Liya Benny and Ms. Navaneetha N. Alumni association has also distributed the mementos to those students who have achieved the grade 'B'. The function came to an end with the cultural activities of the students.

The Department honored two of its final year students -Ms. Saranya and Ms. Sreepriya – for developing the software "MG University UG Results Analysis". The software gives the analysis of UG results of all departments and comparative reports will be displayed in the tabular and graphical forms.

On 21st August, the Department organized free medical camp for 2 hours at Marian Hall. Dr. Babu Joseph, Orthopedic Surgeon, MAJ Hospital, was the consultant. Over 35 people including students and staff attended the camp.

The Department conducted open houses for 2nd and 3rd years on 28 August and for 1st years on 28 September. Computerized progress reports were published and feedback from parents were

collected.

On 18th October, a one-day seminar on 'Mathematics and its Applications in Daily Lives' was organized at Sacred Heart College, Thevara. The motto for this event was 'Love, Learn and Use Science for Development'. The seminar was part of science popularization program conducted by the Research Institute, Rajagiri College of Social Science, Kalamasserry and was sponsored by Kerala State Council for Science, Technology and Environment.

On 22nd January, the department organized the UGC sponsored one-day National Seminar on 'Mobile Technology: Android and its Future'. The seminar was inaugurated by Mr. CJ George, MD, PNB Paribas Finance Ltd. Fr. Prasanth, Principal of SH College gave the presidential address. The first technical session 'History, evolution and growth of Android' was presented by Mr. Kenney Jacob, CEO, Ayrus Web Holdings Ltd. The second session on 'Building Apps using Android Framework' was delivered by Mr. ArafathAboobacker, freelance, corporate trainer of Android. On the sidelines of this seminar, the department organized competitions of paper presentation. Certificate of Participation were distributed by Mr. ArafathAboobacker and Ms. RegithaBaiju.

Department of Chemistry:

The Chemistry department is one of the oldest departments under MG University. It offers two post-graduate programmes and an under-graduate programme in Chemistry, and a research centre under the Mahatma Gandhi University, Kottayam, offering research studies leading to the award of Ph.D. The department has also contributed significantly to the designing and implementation of the curriculum for undergraduate and postgraduate programmes in Chemistry in the affiliated colleges under the university

Faculty Activities

The Chemistry department is pleased to announce the nomination of its Head of Department Dr. Joseph John as Syndicate member of Cochin University of Science and Technology. Department faculty Ms. Ammu Rosin Jose cleared her UGC-JRF exam while Ms. Jyolsna Abraham & Ms. Ragini P. cleared their NET exams.

Dr. Ramakrishnan S, the faculty member of Department of Chemistry attended the Faculty Development Programme Conducted by AIACHE at Marian College, Kuttikkanam from October 21st -23rd. Dr. Franklin J attended National Workshop on

Computational Chemistry at IITM-K, Technopark, Thiruvananthapuram organized by KSTEC (31st May -3rd June 2013). Dr. Franklin also participated in the US-India Brainstorming Discussion Meeting on Faculty Development organized by Kerala State Higher Education Council and North Carolina State University, USA on January 6th 2014 at M.G University, Kottayam.

On October 23rd and 24th, Dr. M George participated in ICAMS 2013 (International Conference on Advances in Material Science – 2013) organized by SreeSankara College, Kalady, Kerala. Dr. Franklin J chaired the session- Keynote Talk by Prof. Dr. Guijun Xian School of Civil Engineering, Harbin Institute of Technology (HIT), Nangang, Harbin, China at this Conference. Mr. Midhun Dominic C.D also presented a paper at this event.

Ms. June Cyriac attended and presented research paper in the Green Chemistry and Environmental Conservation held at Morning Star Home Science College ,Angamaly from 18-19 July 2013 and also in a National Seminar on Recent Advances in Photochemistry held at St. Michael's College, Cherthala from 5-6 December 2013.

Dr. Jorphin Joseph and Dr. Grace Thomas attended the UGC sponsored Special Winter school held at Academic Staff College, Kerala University, Kariavattam Campus from 28th Nov to 18th Dec 2013.

Dr. Jorphin also presented a paper in the International Conference on Membranes, ICM 2013 held at Kottayam from 3rd - 6th October 2013. The conference was jointly organized by Centre for Environment Education and Technology (CEET) and Advanced Centre for Environmental Studies and Sustainable Development, Mahatma Gandhi University, Kottayam, Kerala.

Dr. Jinu George attended National Workshop on Computational Chemistry at IITM K, Techno park, Thiruvananthapuram organised by KSTEC. (31st May -3rd June 2013). She attended Faculty Development Programme on 'Green Chemistry: Frontiers and Challenges' during 17-21 June 2013. Dr. Jinu also participated in the three-day workshop for College Chemistry Teachers jointly organised by JNCAR and NIIST Thiruvananthapuram (November 15-17 2013).

Dr. Jinu George, Dr. Grace Thomas, Dr. Franklin J, Dr.

Ignasius Abraham and Mr. Midhun Dominic C.D attended FDP on Teaching Training at Newman's College Thodupuzha, 16th-17th May 2013.

Mr. Midhun Dominic C.D. participated and presented a poster in the International research conference on "Advanced Techniques in Chemistry-IRCATC 2014, held at St. Albert's College, Ernakulam, Kerala, on 9th January 2014, organized by the department of chemistry in association Mahatma Gandhi University, Kottayam.

Mr. Midhun represented the SH college Chemistry department at the first National Students' Assembly and the launching of Human Values Development Program held at Bishop Heber College (Autonomous), Tiruchirappalli, Tamilnadu from 28-30 December 2013.

Mr. Midhun Dominic C.D Participated in the Workshop on "Writing Successful Project Proposals" held at AIACHE Ecumenical House, New Delhi from 22-24 July 2013.

Dr. Joseph John, HoD of Chemistry participated in the international seminar on transnational education organised by Kerala Higher Education Council, Kerala from 3rd to 5th January 2014.

Midhun Dominic C.D Participated in the Third Euro-India International Conference on Nanomedicine and Tissue Engineering (ICNT-2013) held at Mahatma Gandhi University, Kottayam, Kerala, India during 9-11, August 2013.

Mr. Midhun Dominic C.D Participated in the National Conference on "Inspiring Higher Education Institutions for Nation Building Opportunities and Challenges" at Christ University, Bangalore from 1-3 May 2013.

Mr. Midhun Dominic C.D participated and presented a poster in the National conference on "Current Trends in Chemistry" (CTriC-2014), held at Dept. of Applied Chemistry at CUSAT held on 17th& 18th January . He also presented a paper at the "International Conference on Advanced Polymeric Materials 2013 held at MG University, Kottayam from 11th – 13th October.

Dr. M. George attended Introduction of Gaussian: Theory and Practice, Organized by SCUBE Scientific solutions Ltd., New Delhi, January 6-10, 2014.

Chemistry Association 2013-14

The first executive meeting of the Chemistry Association for the academic year 2013-2014 was held on 9th July 2013. The executive committee formed include Head of the Department, Students Guide, Secretary, Joint Secretary and Class representatives. Mr. Sreejith S (III DC Chemistry) & Ms Devika Mohan (II DC Chemistry) were selected as Secretary and Joint secretary, respectively. The Association Bulletin was named "ADROIT QUIMICCO" – meaning 'the skillful chemists'. The association was officially inaugurated on 16th July 2013. Rev Fr. Prasanth Palakapillil CMI presided over the function. Dr P Raveendran, Associate professor, Dept. of Chemistry, Calicut University, was the eminent chief guest and inaugurated the function. It was followed by Prof. P E Aravindaksha Kartha Endowment Lecture on the topic "Lab safety & Green Chemistry" by our distinguished chief guest. Association activities marked its beginning by a quiz competition on the topic 'General Chemistry' held on 23rd July 2013.

The Chemistry association, along with Bhoomitrasena club, a team of 40 students and 4 teachers has carried out a Water Survey around Thevara region and collected the samples of water to be analyzed.

In connection with Hiroshima – Nagasaki Day, the chemistry association organized a poster competition on the topic "Chemistry- A Boon or Bane". The posters were exhibited at chemistry museum on 13th August. Dr Joseph T Moolayil (Dept. of Chemistry) and Prof. Roby Cherian (Dept of Physics) evaluated the posters. Reshma Antony (I DC Chemistry), Anjali (I DC CHEMISTRY) & Hyna V Edwin (I DC CHEMISTRY) secured first, second and third prize, respectively. Poster designed by Anju (I DC Chemistry) was selected as the popular poster by the students.

Other Activities

Mr. Arun S & Mr Ajay Jose of I DC Chemistry participated for the National Level Quiz Competition

held at Women's' Christian College, Chennai , on 30th August.

The Association of Chemistry celebrated Teachers' Day on 6th September and honored all the faculties of the department for their dedication and selfless service.

Mr. Shino Chacko, Mr. Arun S and Ms Ann Maria of I DC Chemistry participated for "Scientia - Inter collegiate Quiz Competition" held at St Thomas college, Pala on 7th Jan 2014.

12th Prof K V Thomas Endowment National Seminar

On 11th & 12th December, the 12th Prof K V Thomas Endowment National Seminar was held at Fr. Melesius Hall Sacred Heart College, Thevara, Ernakulam by the Department of Chemistry, SH College, Thevara. The title of the seminar was "Novel Concepts in Computational and Supramolecular Chemistry". The Chief Guest for the seminar was Dr. T Ramasami, Secretary to the Government of India, Department of Science & Technology.

The seminar witnessed talks and presentations on key topics by eminent personalities in the field of Chemistry including Dr. Reji Varghese, Asst. Prof. School of Chemistry, IISER, Trivandrum ; Dr. C Vijayakumar, Scientist, NIIST, Trivandrum; Dr. Anoop Ayyappan, Asst. Prof. Department of Chemistry, IIT, Kharagpur; Dr. Raghvan B Sunoj, Professor, Department of Chemistry IIT, Mumbai; and Deepak D Prabhu, Senior Research Fellow, NIIST, Trivandrum. Oral presentations were given by 16 research scholars of various institutes. Over 200 participants including teachers, research scholars and students from various colleges and research institutes attended the seminar. In the valedictory session, rank holders of M. Sc Chemistry, NET winners and oral presentation winners were honored.

Achievements of Students

- The pass percentage of B.Sc. Core Chemistry is 82.85
- Number of students who got A grade is 7/47
- Number of students who got B+ grade is 21/47

Summer Research Fellowship 2013 by Indian academy of Sciences (INSA-NASI fellowship) May-June

1. NayanTharaAsok has done her project in IISC Bangalore under the guidance of Prof. S. Sampath on Synthesis of Gold & Silver nanoparticles & characterization
2. Rupa V Kamath has done her project in National Institute of Science Education & Research (NISER), Bhubaneswar under the guidance of Prof. T.K. Chandrashekar on Fused Porphyrin and its anion binding properties.

M.Sc Ranks

Pass percentage for M. Sc. (Pure) : 82%

Pass percentage for M. Sc. (Applied) : 59%

(Pure) : IInd Rank -Ammu Rosin Jose, IIIrd Rank – Asha T.M

(Applied) : Ist Rank – Megha, IIIrd Rank – Rekha

Department of Botany:

The Department of Botany has proudly come to the 56th year of its glorious service. This year they have their 29th anniversary of the PG studies. Moreover it celebrates the silver jubilee of its research endeavors in the field of Plant Sciences.

Dr. V. J. Dominic, Head of the Dept. retired on 31st of March and Dr. George Joseph was appointed as the new HOD with effect from 1st of April 2013.

On 4th April, the staff and students came together for an innovative program named GURUVANDANAM to cherish the memoirs of the founder Head of the Dept., late Prof. T.U. Joseph. The family members of Prof. Joseph presented a wooden octagonal hood made of teak wood. This octagonal hood is displayed in the middle of the Botany Museum which was rechristened after his name on the occasion of its inception.

On the same day another nostalgic program was also launched called PRATHIBHAVANDANAM. The event witnessed eminent alumnus who speak on career excellence. This year, Dr. Nirmal Babu, Senior Scientist at National Spices Research Institute, Calicut, addressed the audience. His speech on Modern Trends in Biotechnology was inspiring and memorable. The Botany Association was inaugurated on 14th August 2013. The keynote

address was delivered by Dr. SheelaKaram, Agricultural Scientist, Oushadhi, Kuttanellooor, Trichur.

The Silver Jubilee celebrations of research endeavours by the Department was inaugurated on 4th September 2013 by Dr. Sheena Shukkur, Hon'ble Pro-Vice Chancellor of M.G. University. In connection with the Silver Jubilee Celebrations, the department had planned various activities, among which the invited lecture series and publication of a Research Souvenir, gained significance. The first of such an invited lecture was convened on 6th December by Dr. Mamman Daniel Professor of Botany (Retd.), Sardar Patel University, Gujarat, on the topic, "Phytochemistry and Modern Life." The second invited lecture was by Dr. Ravichandran, HoD of Botany, M.S. University, Thirunelveli, Tamil Nadu, on the topic, "Natural dyes and its applications", held on 17th December 2013. The third talk among the invited lecture series was delivered by Dr. Sachin Anil Puneekar, Scientist, Agarkar Research Institute, Pune, on the theme, "Biodiversity - Past, Present and Future" on 21st of January, 2014. The fourth talk of the series was delivered by Dr. Rajesh Tandon, Associate Professor in Botany, University of Delhi, on the theme, "Endangered Interactions." On 10th December, a book entitled 'Pazhangal, AzhakinumAarogyathinum', co-authored by Prof. Jacob Varghese, was published at H & C Hall, opposite to Durbar Hall Grounds, Ernakulam.

Rev. Fr. Aquinas Intercollegiate Botany Quiz was convened on 16th January 2014 with the Quiz Master Fr. (Dr.) Jose John, in the Marian Hall. The first position was secured by S.B. College, Changanassery team, second position by Maharaja's College, Ernakulam and the third by U.C. College, Alwayet team. On the same day, the department conducted the 'Flora Fest' - the cultural festival of the department for the year.

Results of various in-house cultural competitions were announced on the day and token prizes were distributed by Fr. Prashant, Principal, SH College. The cultural events included Recitation, Solo, Group and Single dances, Skit, Pencil Drawing, Short Story Writing, etc. The fabulous prizes for the winners will be distributed on the valedictory functions of the Association of Botany, scheduled in March 2014.

On 24th, 25th & 26th January 2014, a three-day International Workshop on "Pollination Biology" was organized by the department. The main resource

was Prof. AmotsDafni, Professor Emeritus, Haifa University, Israel.

The tissue culture lab was renovated during this academic year. Every caution is taken against all possible contamination in the lab. The Botanical Garden was enriched with hundreds of new taxa of rare plants especially during the study trip collections.

P.G. Study tours were organized to Munnar, Wayanad, Vythiri, Pathiramanal, Kollam beach, Aayiramthengu, etc. The final U.G. students went to places like Koorg, Valpara, Kodaikkanal, Kanthalloor, etc. as part of their Taxonomy study tour.

A few of the department alumni were placed lucratively and Miss KavithaBhadran cleared UGC-NET examination 2013. Rev. Dr. Jose John, who was a student in the department for his UG and PG, joined the faculty full-time. He also worked for his Research degree in the Department, in Phycology and has published two books to his credit - "An Illustrated Algal Flora of Kerala, Vol. I - Idukki District" and "Elements of Agribased Microenterprises". Rev. Dr. Jose has also delivered 5 invited lectures in various national and international seminars.

Annual general body of the alumni of the department was convened on Saturday 11th of January 2014. A 'Prathibha Award' for illustrious alumni will be given away at a function on 4th April 2014. Dr. M.S. Francis officiated as the staff secretary of the department and Prof. Roy Zacharias functioned as the alumni association secretary.

Dr. Giby Kuriakose has obtained a Major project with the title, "Spatial distribution of Orchid Communities in relation to their habitat, and Microclimate in the Western Ghats", funded by SERB-DST and the amount sanctioned is Rs.17,60,000.00. One JRF, is working in the project. Two researchers, under the guidance of Dr. M.S. Francis had submitted their Ph.D. thesis and are awaiting the open defence.

Department of Physics:

The Department of Physics, established in 1956, has been accorded the status of Research Department by the MG University, Kottayam. The department offers UG and PG courses and has a

full-fledged research lab to carry out M.Sc projects and research.

Jan 21st – 25th, the department of Physics applied with proposal and were sanctioned INSPIRE 2014 by DST, Govt. of India. The department co-ordinated and led the conduct of INSPIRE 2014 with the help of all other science departments of the college. The program generated lot of interest from students all over the state and was highly appreciated.

Physics Association Activities:

On 24th July 2013, the Physics Association(Fervesco) for this academic year was inaugurated by Prof. A. Varadarajan. Dr. N. Shaji of Maharajas College, Ernakulam gave a talk on "Unsolved problems in Physics".

On 19th December 2013, BSc Physics Association conducted Christmas Celebration and talk by Dr. Varghese AntoChirayath on "Elementary Particle Physics" as a part of lecture series -1.

On 29th January 2104, BSc Physics Association honored the rank holders. On the occasion, a talk by Dr. Roby Cherian on "Career in Physics" was also held as part of lecture series – 2.

On 21st January, BSc Physics Association conducted an interactive session with Dr. T. P. Sasikumar, former ISRO scientist and Dr. P. Sreekumar, Director, IIA with 1st DC and 2nd DC students of the department.

On 6th March, a valedictory function and talk on Cosmology by Dr. Nijo Varghese is scheduled.

ON 28th February and 1st March, science exhibition and competitions has been planned in connection with AURA to be held in SH College campus.

Achievements by the students of the Department: Two students from department won intercollegiate quiz first prize held by BPCL,

Kochi.

Ms. MinnaTheres James of 3rd year physics went to Juniata College in USA as a part of the exchange programme.

The department was thrilled to learn that its M. Sc. Students bagged the 1st, 6th and 9th positions for overall MG University.

Courses/Conferences/Papers/Research or Consultancy by Faculty:

1. Dr.Nijo Varghese served as Judge at Christ College, Irinjalakudda, Intercollegiate technical presentation contest.
2. Dr. Varghese AntoChirayath went to Qatar university for one month consultancy project in May
3. Dr. Varghese AntoChirayath attended conference of AIACHE at Christ Univeristy, Bangalore. He also attended conferences "Science Sans borders" at Maharajas College, Ernakulam and conference on Non-linear dynamics and Chaos at Cochin College, Fort Kochi.
4. Dr. Varghese AntoChirayath visited IUCAA, Pune as a part of the visitor programme and utilised facilities there for research.
5. Dr. Varghese AntoChirayath presented his thesis works at SHARE trimester presentation.
6. Dr.Varghese AntoChirayath submitted paper to Heartian Journal of Pure and Applied Science along with his project students.
7. Dr. Roby Cherian took the orientation course at Kannur Academic Staff College.
8. Dr. Roby Cherian and Dr. Georgekutty Joseph were selected as the research coordinators of the Department.
9. Dr. Georgekutty Joseph International Office Coordinator visit USA. Attended conference LIBS.

Other Achievements by the Faculty

1. Dr. Roby Cherian participated in the ENCON co-ordinators meet for Kerala Region. He was also chosen as the ENCON coordinator in June.
2. Dr. Roby Cherian and Dr. Siby Mathew represented the department for the annual college meeting held at Kuttikanam during the vacation period.
3. Dr. Georgekutty Joseph visited University of Penn State as part of his work at the International Office. He was also the

Observer of Inspire, 2014. He is leading the college staff cricket team at Professors Cricket League.

4. Dr. Siby Mathew attended orientation course of NCC Navy at Hyderabad in October, 2013. He was the co-ordinator for INSPIRE, 2014.
5. Varghese AntoChirayathdefended his PhD thesis on October 29th, 2013.

Other co-curricular activities:

1. Onam Celebration by Final DC physics, Payasam celebration by 1dc and 2dc students on 13/09/2013.
2. 3rd Semester M.Sc. physics students gave farewell to the Final M.Sc. students. They also welcomed the fresh M.Sc. students.
3. Inter class cultural fest- Fusion to be held on 14th February, 2014.

Alumni Association Activities

1. Dr. Roby Cherian was selected as the alumni co-ordinator of the department.
2. A department alumnus meeting was held on January 11, 2014. Thirty-three former students and three former faculties attended the function.Alumni of the 1991 batch honored retired former HOD Prof. A. Varadarajan on 19th June 2013.

Department of English:

The Department of English at SH College, Thevara was established in 1944. It is one of the oldest of its kind under the M.G. University to offer postgraduate education, and has established itself as a reputed center of postgraduate studies, attracting a wide cross-section of students from all over the state.

With two batches of trainees for the Skill Acquisition program along with regular PG classes, the English department faculty worked without a regular layoff during the month of May. The positive feedback from learners prompted the higher education authorities to entrust the department with additional batches.

A cent percent pass at UG level and 12 first class at the PG level brought added cheer to the department. Kudos to Dr.C.S.Francis and the ASAP team for being rated high by the authorities for their startling efforts.

The department organized a UGC sponsored National Seminar in association with the English department of SreeSankara University of Sanskrit, Kalady. The two-day seminar held on 28th and 29th November was titled "Representation of Power and Terror in Past 9/11 Discourse".

On 18th December, the Department organized an interactive session with Shri Dattani, an Indian dramatist known all over the English speaking World and the only English playwright to bag KendriyaSahitya Academy award. The session generated lot of interest among students and teachers alike and was well appreciated.

The department is gearing up for the much sought after Rev Daniel Thottakara Memorial National Seminar. The next edition of Business English Certificate will be released soon. This year the strength of the department has gone up with the appointment of Fr.Sabu Thomas as a regular member of the faculty.

.Department of Oriental Languages:

Department of Oriental Languages, constituted in 1944, is a composite department consisting of four major languages Sanskrit, Hindi, Malayalam and French.

The Department of Oriental Languages welcomed new staff -Mr.Syamlal(Permanent faculty,Dept.of Hindi) and Ms.Shaharban U.H.(Guest faculty Dept.of Malayalam).

Dept.of Malayalam organized Kerala Day program on November 1st in the college portico.On the same day,the students participated in the seminar on ShreshthaBhasha Malayalam organized by State Archives Department. The French department students attended La Fête Francophone held in St.Teresa's College and won several prizes. The Department of French organized an interactive session with Alice Gauny, Director, Alliance Française on February 13, 2014.

A workshop on Audio Editing was organized by the Editor's Club in October.

Research Activities

Dr.Minipriya R. underwent training for 'Question Paper Setting' organized by National Testing Service(NTS),Central Institute of Indian Languages(CIIL),Mysore.

Fr.Xavier C S participated in a National Seminar on the topic on Contemporary Theatre at St.Albert'sCollege,Ernakulam.

Mr.Syamlal participated in the National Seminar on the topic Samakaleen Hindi Upanyas Mein UpanivesheekrutBharateeyaSasnskrutiatSreeSankar acharyaUniversity,Kalady.

Activities

- Organized a Health camp at Kothad village by ROTRACT.
- Organized a Diabetic Camp at Ponnurunni by ROTRACT.
- Organized Old Age Home visit by Young India .
- Organized a Cyclothon by Young India.
- Co-ordinated the opening day ceremony.
- Co-ordinated and organized activities of N.S.S.,Music Club , Dance club and Editor's Club.
- Co-ordinated the Functioning of Heartian Radio.
- -Released Heartian Talents(news magazine).
- Co-ordinated the activities of Heartifest, Hridayasargasangamam and Youth Festival.

Department of Economics:

For almost seven decades, the Department of Economics at Sacred Heart College has played a leading role in economics education. It has been rated as the best department in the state and among one of the top 25 departments at the national level for the last many years by the India Today Group.

Ms.FebinaBivera won the third rank in the MA degree examination conducted by the M G University, Kottayam. Five students of the B. A. program obtained A grade in the final year examination.

The Annual General Body meeting of the Economics Alumni Association was held on October 2nd 2013. Prof.Harikumar S, Professor, Department of Applied Economics, CUSAT was the Chief Guest.

The department continued with its UGC aided foundation course on Human Rights during the academic year 2013-14. Adv.Taniya George, High Court of Kerala, delivered a lecture on Women and Human Rights on February 1st. The Department conducted an Economic Fest on February 5th-6th ,

2014. The department organized an inter-collegiate quiz, debate and paper presentation competition in connection with the fest. Dr.S.Harikumar, Professor, Department of Applied Economics, CUSAT inaugurated the Fest and delivered a lecture on Kerala Budget 2014. Film Director, Jithu Joseph was the Chief Guest for the Valedictory session.

The Department offers job placement facilities for the students in collaboration with the Placement Cell of the College. Several of our students obtained campus placement in companies like, South Indian bank, IBM, Royal bank of Scotland, Goldman Sachs etc.

As a part of the extension and outreach programs of the department, final degree students organized an old age home visit on August 28th 2013. They organized various cultural programs for the inmates of old age home at perumanoor.

Dr.C.Rajkumar, Vice Chancellor of O. P. Jindal Global University visited the department on November 28th 2013.Prof.R.Sudarsan, Dean of Jindal School of Government addressed the students and highlighted the importance of public policy analysis and evaluation. Prof.Mohsin Khan, Prof.Harish Rao, Prof.R Padmamabha and Prof.Anand Kumar Sharma of Jindal School of Business also spoke on the occasion. The Economics Association was active in organizing various talks and seminars.

Department organized a National Level workshop on Food Security Act -2013 and Human Rights protection in India in collaboration with National Human Rights Commission on November 29th 2013. Union Minister of Food and Consumer Affairs Prof.K.V.Thomas was the Chief Guest. Human Rights Commission Member Justice Cyriac Joseph, Rev.FatherPouloseKidangen, Manager, S H College, Thevara and Dr.M C Dileepkumar, Vice Chancellor, SreeSankara University, Kalady were the main speakers.

The Department organized a lecture on Kerala agriculture and its challenges on December 30th. Dr.ThomasIssac MLA, former Finance Minister, Government of Kerala was the keynote speaker.

The Department in collaboration with Tellus

Initiatives organized a UGC sponsored national seminar on “Indian Agriculture in the 21st Century: Challenges, Opportunities and Strategies” on January 30-31st, 2014. The seminar was inaugurated by Rev.Fr.PouloseKidangen, Manger, S H College, Thevara. The keynote address was delivered by Dr. K.V Peter, former Vice Chancellor, Kerala Agricultural University, Mannuthy and Director World Noni Research Foundation. Dr.B.JPandian, Director, Water Technology Centre, Tamil Nadu Agricultural University, Coimbatore; Prof.K J Joseph, Fellow, Centre for Development Studies, Trivandrum; Dr. K P Mani, Professor, Department of Economics, University of Calicut; Mr. P C Cyriac, former Chief Secretary, Government of Tamil Nadu, etc. were other prominent speakers in the seminar.

The Economics Association felicitated Ms.Nandini R Nair, this year's civil service winner, on July 25th 2013. Ms.Bodhitha Joseph and Ms.Mariya Elizabeth Babu won the second prize in the inter-university paper presentation contest organized by Sacred Heart College, Chalakkudy. Ms.Bodhitha Joseph was selected by the United States Education Foundation to undergo a one-month training programme at Kansas University, U S A. Ms.Bharathy Menon visited Juneta College, U S A for a period of one month under the Indo-US cultural exchange program.

Department of Zoology:

The department of zoology was established in 1952 by the visionary Padma Bhushan Rev. Dr. Gabriel CMI. The department offers B. Sc., M.Sc., and one-year PG diploma course in Aquaculture.

The Department acknowledged the valuable services rendered by Dr. P. A. Sebastian and Dr. John Joseph who retired from active service on 31st March 2013. Dr. Mathew M. J. and Prof. Jobin C. Tharian who joined as staff members were welcomed to the department.

The following students of the department scored the highest positions and ranks in the university examinations:

Ms. Liya K. C. and Ms. Deepa Noble - 2nd position in B. Sc. Zoology
Ms. Athira Nair D. – 4th position in B. Sc. Zoology
Ms. Lakshmi Sarojam – 5th position in B. Sc. Zoology

Ms. Jaya S. – 3rd rank in M.Sc. Zoology

Activities of the Zoology Association were inaugurated by the veteran environmentalist Prof. M. K. Prasad. He elaborately spoke on the importance of conservation of biodiversity and shared his experiences as delegate of the Earth Summit held at Reo de Genero, Brazil in 1991. The senior students under the auspicious of the Zoology Association provided a warm welcome to the newcomers during the fresher's day celebrations. A talk on the 'Significance of Y-chromosome in human genetic mechanism' was given by the renowned scientist Dr. Sher Ali of the National Institute of Immunology, New Delhi.

Research activities continued to be fruitful during this academic year as well. M.G. University awarded Ph. D. to Ms. Laksmi Devi S. Menon, research scholar of the Department under the co – guideship of Dr. P. A. Sebastian, former faculty and research guide.

PAC conference of DST, New Delhi was hosted by the Arachnology research division of the department. Scientists and researchers from various parts of the country participated in this three-day event. The Faculty members, research scholars and post graduate students participated in various scientific conferences and presented research papers. This year also, there were notable scientific publications from the research wing of the department. A research project from DST New Delhi was sanctioned. Dr. P. A. Sebastian, research guide of the Department will be the principal investigator for this research project. The Department actively associated with the INSPIRE – 2014, the inter - disciplinary science awareness program funded by the DST, New Delhi. Ms. Deepa Noble and Ms. Lakshmi Sarojam of First P. G. program bagged prizes in various intercollegiate competitions.

ZOOFEST – 2014 was organized by the Zoology Association. Cultural events, inter departmental

competitions, film screenings and zoology museum exhibition etc. formed an important part of the event. A session on First Aid with practical demonstration was also organized as part of the ZOOFEST.

#28 [department activities]

NCC

Under the command of Flying officer Dr. Joseph George, the combined annual training camp (CATC) was held at Paravoor from 20th– 30th December.

Under the command of Flying Officer Dr. Joseph T George, the Independence Day parade was conducted on 15th August.

Under the command of SVO Mohammed Imran Khan, the Republic Day parade was conducted on 26th January.

SGT Mohammed Imran Khan and SVO Sushitwa G from NCC Air wing participated in a cycle rally conducted in SH college.

On 7th December, on account of flag day, selected NCC cadets collected funds to be distributed among families of martyrs. Cadets who participated in this fund-raising activity were SVO Mohammed Imran Khan, JVO Ann Mary and Cdt. Stephy Rose.

NCC day was conducted on 24th November. On the occasion, NCC cadets participated in cleaning the fort Kochi beach. The cadets who participated where SVO Mohammed Imran Khan, JVO Ann Mary, L/CPL Raiffudin along with Cadets Vinay, Ebin, Ajay, Govind, Vishnu, Meenakshi, Saudra, Arsha and Aparna. The Cadets awarded gold medals were: SVO Mohammed Imran Khan – AIVSC (Tent Pitching Team), b) CWO Abdul Niyaz – Narmada Trekking Camp

Two of our cadets SVO Mohammed Imran Khan and JVO Maria Thomas represented the NCC Air Wing of our college when the NAAC team arrived.

Three cadets SGT Mohammed Imran Khan, SGT Maria Thomas and CPL Ann Mary were flying cadets in the AIVSC.

SGT Maria Thomas represented Kerala Lakshadweep directorate in health and hygienic ??

NCC Air wing cadets took part in the rally conducted on AIDS day. The participants were SVO Mohammed Imran Khan, JVO Ann Mary, JVO Maria Thomas and CPL Raifudin.

The following cadets of NCC Air Wing of SH College attended National Camps held in different parts of the country: SVO Mahammed Imran Khan - AIVSC (Banglore), Air Force Academy attachment Camp (Hydrabad), Pre RDC (Tvm); JVO Ann Mary Varghese – AIVSC; JVO Maria Thomas – AIVSC; L/CPL Deepak M N - AIC (Allepey); L/CPL Ashique C M - NIC (Allepey); L/CPL Badrinath - NIC (Allepey); CdtVinal - NIC (Allepey); SGT Sandeep Joy - NIC (Allepy); CWO Abdul Niyaz - Narmada Trekking; CWO Antony Thomson- Narmada Trekking; Cdt Anwar Sohail - NIC

(Calicut); CdtAskar Ali - NIC (Calicut).

NCC Naval wing began its activities in the 2nd week of August, enrolling 42 cadets under the guidance of Lt Siby Mathew. Besides training cadets in naval service subjects, they give emphasis on personality development by conducting group discussions, quiz, snap talks & cultural programs.

Many of the Naval wing cadets participated in various camps, which gave them an opportunity to get special training in boat work, ship modeling, communication, boat pulling and sailing. Training helps them to develop character, comradeship and to adapt themselves in any spheres of life. P O cadet JithaA was selected as cadet captain. They have 22 SD boys and 20 SW Girls in our sub unit

P.O cadet Ann Therese Thomas represented Kerala and Lakshadweep directorate at the prestigious Republic camp held at New Delhi. She was one among the three Naval wing SW cadets selected from Kerala to represent the national camp.

The following cadets participated in the All Kerala Inter-group Competitions held at Kollam: Cadet Capt.Jitha A A, L/CdtRosnapaul, won gold medal in ship modeling, L/cdtYadhumon P V won gold medal in ship modeling, L/cdt Abraham Varghese, CdtGokul V, won gold medal in ship modeling, Cdt Krishna P Narayanan, won gold medal in ship modeling, CdtAtira S, CdtArathi S, Cadet Mary Nazy -won gold medal in ship modeling. SH team also won gold in cultural programme.

Cadet Capt.Jitha A A participated in the All India Annual Training Camp at Ezhimala and won the All India Best Cadet award securing gold in seamanship and silver in service subject.

Cadet L/cdtYadhumon P V attended the Ship Attachment camp at Mumbai.

PO Cadet Krishnasagar, I/CdtFazaludheen, L/cdt Abraham Varghese successfully completed Narmada Trekking camp in Gujarat.

Cadet Sudhil, Rahul Hazoary, Muhammed Nissin attended National Integration Camp at Kumbakonam.

Cadet Rahul Hazoary successfully completed cycle Expedition conducted by Kerala directorate.

Cadet Vishak attended BLC camp.

Cadets participated in the RDATC camp at Aluva. Cadet SoumenMalik was selected as best cadets. Cadet AnkithaKumari came first in parade.

On October 2nd our social service program PARADIGM was inaugurated by Sri Captain (IN) Simon Xavier group commander Ernakulam. The

meeting was presided over by Group Capt Sunil Kumar, commanding Officer, 7(K) Naval NccErnakulam. Rev Fr Prasanth Pallakapillil, Principal S H College Thevara and Councilor Mr Renish P Rajan graced the occasion. On the occasion, cadets spent one day at Government old age home at Thevera ferry. Both cadets and old-age home residents participated in cultural programs. Lunch for inmates and cadets were arranged by former cadet captain Shible P Lukose and his family. Numerous Ex Ncc cadets were also present on the occasion. Medicines and old clothes collected by cadets were handed over to the home residents.

NSS:

On 17th June, the college observed dry day. Over 50 student volunteers helped organize the day with various social messages within the college campus.

College NSS unit conducted various programs in relation with Reading Day on 19th June. An open forum on the topic "Is Readership dying?" was organized in association with the college speakers forum on 20th June.

On 21st June, a drama titled "ammamalayalam" was organized by the NSS volunteers.

College library was cleaned by 25 NSS volunteers on 22nd June.

On 26th June, the International Day against Drug Abuse was observed by NSS in the college campus by organizing a rally against drug abuse.

NSS observed several major national and international days with various related activities in the College campus by its volunteers : World Population Day (11th July), Bio-diversity day (13th July), Nagasaki & Hiroshima Day (6th & 9th August respectively), Independence Day (15th August), World Coconut Day (2nd September), Teachers Day (15th September), NSS Day (24th September), Blood Donation Day (1st October), World Poverty Alleviation Day (17th October), National Education Day (11th November), Childrens Day (14th November), Palliative Care Day,

Gandhi Jayanti (2nd October) was observed by NSS at SH College. The volunteers visited an old-age-home at Chellanam on the occasion.

The NSS special camp was organized at GHSS Pazhamthottam from 21st to 28th January. The camp saw students from various colleges in and around Cochin come together for various social and cultural activities.

On 27th July, Assistant Prof. Sanu Varghese

conducted an orientation for NSS volunteers.

A mini-camp for the NSS volunteers was organized by Assistant Prof. Sanu Varghese from 13th – 15th September.

#5 [international initiatives]

The students of our college – Namitha Sebastian, Mariam Henna (English), Sony George (commerce), Minna Tresea James (Physics), Jemma Pios (Zoology), Bharati Menon (Economics) – Successfully completed one month project work at Juniata College, Huntingdon, Pennsylvania, USA.

Seminar by AIESEC, Kochi on International Internship Opportunities was held on 06.09.2013. AIESEC is graduates-run organization that enables young people to explore and develop their leadership. The Seminar offered valuable information on international professional internship and volunteer exchange program. Around 150 students participated and have benefited from it.

On 16th August a talk on "American foreign policies and ASEAN" was delivered by Dr. Ernest Bower. The official goals of the foreign policy of United States and the response of different Asian countries in different ways were discussed. Student participants were 150.

Seminar on "Study abroad programme" was organized by Prof. Georgekutty Joseph on 16th January. The technical session was handled by Mr. Abraham. Different courses offered by various colleges of foreign universities were presented.

The college gave a warm and hearty send off to the students of Juniata College, USA, Students of Nihon Fukushi University, Japan and Natasha from who came to our college for studying short term courses, as a part of student Exchange Program.

Prof. Neil from Delivered a talk on Prof. Susan Prill from Delivered a talk on

MoU's

Ansa Babu of Economics dept was selected to represent India to participate in the World Youth Day meeting in Japan

Bodhitha Joseph, III DC Economics is selected to attend- student leader for women leadership organized by SUSI and Kansas University, America from June 22-July 27.

