

SACRED HEART COLLEGE, THEVARA

ANNUAL REPORT 2018-19



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Thevara, Kochi
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COLLEGE ADMINISTRATION

Established in the year 1944 with 276 and 3 degree programme, Sacred Heart college has been steadily pioneering ahead in its relentless pursuit of excellence in this platinum Jubilee year. The logo of platinum Jubilee was Launched on 6 – 8 – 18.



Dr. Augustine Thottakkra CMI
Manager



Dr. Johnson X Palackappillil CMI
Principal



Dr. Jose John CMI
Vice Principal



Fr. Nijo Antony
Bursar

Students' Profile

- UG – 1981
- PG – 397
- M. Phil – 23
- Ph. D – 58

New Faculty : The following members were newly appointed in SH Communication

- 1) Fr Limson – 2nd Feb 2018 (Date of Join)
- 2) Ms Roshina Jasmine Faber – 2nd Feb 2018 (Date of Join)
- 3) Mr Sujith Narayanan – 12th Nov 2018 (Date of Join)



Farewell to Staff members : Mr.V.M George, HoD, Dept of Physics, Dr.Siby Zacharias, Associate Professor, Dept of Economics Dr. Cherian P.E. , HoD, Dept of Commerce, Mr. Alphonse Ligori, Associate Professor, Dept of Economics, Mr.K.B.Jose, HoD Dept of Chemistry, Dr. Joseph Moolayil, Associate Professor, Dept of Chemistry, Thommachan Xavier, Associate Professor, Dept of Chemistry, Dr.Philip Mathew, Associate Professor, Dept of Zoology, Dr.Samson Davis, Associate Professor, Dept of Zoology are retiring this year.

Student Achievement

- Academic

-Sayesh P M (PhD student of Dr Jinu George) presented a paper at international seminar organised by Mar Ivanios college TVM and at international seminar organised by Dept of Chemistry, Sacred Heart College.

-French students bagged the overall in the French poetry and singing competition held by Alliance Francaise . Seven students passed DELFA1 exam.

-**Students qualified CSIR NET:** 5 students of English Dept, 7 students of Commerce Dept, 5 students of Physics Dept and 1 each in Mathematics, Communication, Zoology and Economics department qualified net exam. 3 students from Dept of Zoology and 2 from Dept of English Qualified NET – JRF.

-Two students of English Department who completed their MA programme have joined IITs for their Ph. D. programme.

-Ms. Jincymol Joseph of B.Sc Physics was. The first official student from NPTEL SH local chapter to successfully complete the NPTEL online certification course (12 week course on Introduction to Material Science and Engineering)

Vishnu .K.S and Joe Joseph Mathew of Mathematics department attend various inter-collegiate quiz Competition and bagged first prize.InternationalDr.M.J. Mathew led a group of 3 students from SH College for Student exchange program with Juniata College, Pennsylvania , USA (Aug 19 – Sept 07, 2018). 8 international students From Afghanistan, Nepal and Japan are currently studying in our college out of which 2 students are doing short term course, 1 is studying degree program and rest of them are pursuing PG courses.

Cultural –The M.G.University Youth Festival – **Asantham**, 2018 – witnessed its star talents winning laurels for the college, and contributing significantly to the overall championship of our college in the university. Our team secured second prize in Group Song (Eastern) , Group Song (Western) and other individual performances.

Sports- Sports day was held in the Lakeview on 13th February 2019.

Placement-64 students were placed in Wipro, Infosys, CTS and Sutherlands.

NSS/NCC

-Giving their hands for rebuilding Kerala, the volunteers of NSS SH Unit re-constructed About 14 houses at Two-cent colony in Purayar, Desam. The keys of re-build houses were handed over to the eligible Families during a programme conducted by NSS SH Unit at Durbal Hall Ground, Cochin on 31 December 2018. A bus Waiting shelter was constructed By the volunteers of NSS SH Unit at Shantinagar, Thevara and was presented to the public by Cochin Mayor Smt. Soumini Jain.

-On 26 th January 2019 Cadet Rajiv Bhukal and Cadet Santhipriya D Shenoy were a part of Republic day parade held at Delhi, representing NCC Naval wing Kerala and Lakshadweep Directorate.

-(NCC Air)Cdt N Jishnu represented Kerala and Lakshadweep Directorate and took part in PM Rally as a part of SNIC RDC Delhi conducted in F J Cariappa Ground New Delhi.



ACADEMIC SCORE CARD UG 2015-2018

PROGRAMME	APPEARED	PASS	PASS %	Grade awarded				
				A+	A	B	C	D
BA ENGLISH	25	20	80.00	1	7	8	4	
BA ECONOMICS	52	40	76.92	10	14	10	3	3
BA SOCIOLOGY	31	23	74.19	1	7	7	8	
BA Animation	35	21	60.00			9	12	
BSc MATHEMATICS	36	35	97.22	19	14	2		
BSc PHYSICS	53	51	96.23	27	17	11	2	
BSc CHEMISTRY	55	46	83.64	13	21	8	4	
BSc BOTANY	44	42	95.45	5	13	18	6	
BSc ZOOLOGY	49	46	93.88	18	11	12	4	1
BCom TAX	64	62	96.88	33	19	10		
B Com Tax SF	49	46	93.88	9	15	11	11	
BCom CA	62	60	96.77	8	22	15	14	1
B Com TT	50	44	88.00		7	18	15	4
BSc COMPUTER APPLICATION	36	23	63.89	4	9	5	5	
	641	559	87.21	148	176	136	84	9

ACADEMIC SCORE CARD PG 2016-2018

Programmes	APPEARED	P A S S	PASS %	A+	A	B+	B	C
MA Cinema & Television	8	7	87.50		1	4	2	
MA ENGLISH	16	15	93.75		5	9	1	
MA ECONOMICS	18	16	88.89		5	7	3	1
MSc MATHEMATICS	14	14	100.00	1	7	2	2	2
MSC PHYSICS	12	12	100.00		6	3	3	
MSc CHEMISTRY-PURE	18	17	94.44		8	6	3	
MSc CHEMISTRY - APPLIED	10	9	90.00		2	7		
MSc BOTANY	12	12	100.00		2	8	2	
MSc ZOOLOGY	10	10	100.00		4	3	3	
MSc Environmental Science	10	10	100.00		1	6	3	
Mcom	22	22	100.00		11	6	4	1
MSc AQUACULTURE	11	10	90.91		1	6	3	
M A Graphic Design	2	2	100.00			2		
MCJ	15	15	100.00			4	6	5
MA Digital Animation	3	3	100.00			3		
MA Sociology	3	3	100.00			2	1	
		17						
		184	96.20	1	47	71	46	12

The M.Phil students (Physics, Commerce and Economics) made a sterling performance with a 100% pass.

PhD – 5 students were awarded PhD from the dept of Economics.

Students' Council : Student election was successfully completed this year and list of the elected candidates are as follows:

		NAME	CLASS	CLASS NO
I	CHAIRMAN			
		DITTO MATHEW	III B COM TAXATION SF	5105
II	VICE CHAIRMAN			
		CHANCHAL A. NAIR	III B COM TAXATION	5040
III	GENERAL SECRETARY			
		JIBIN JOSEPH	III BSc BOTANY	4709
IV	UNIVERSITY UNION COUNCILLORS			
	1	BASIL RAJU	II MSc PHARMACEUTICAL CHEMISTRY	1744
	2	JERIN J. PATTAMKULAM	II M COM	1805
V	EDITOR			
		ANIL SURYA	I MA ENGLISH	7509
VI	ARTS CLUB SECRETARY			
		RENSON TOMY	III B COM TAXATION	5015
VII	LADY REPRESENTATIVE			
	1	ELZA MARIA BABY	III BA ENGLISH	4125
	2	KESIA MATHEW B.M.	II BSc BOTANY	810
	CLASS REPRESENTATIVES			
VII I	I DC			
		AROMAL JOSE	I B COM TAXATION	7023
IX	II DC			
		SAMEER MOHAMMED	II BBA	1520
X	III DC			
		NIMITH PAUL SAJAN	III B COM CA	5232
XI	I PG			
		CHRISMA ROSE BABU	I MSc PHYSICS	7582
XII	II PG			
		JOBY JAMES	III MSc BOTANY	1764

Student Enrichment Programmes WWS is successfully continuing for the 4th year.

Alumni Achievement

- Mr. Aneesh A V (1994–96 PDC) was honoured by Radio mango for his flood related rescue activities .
- Heartian Music fraternity was launched

Faculty Achievements

Dr Jorphin Joseph went to Paris to attend an international summer school and also delivered a talk in University of Rennes, France. Ms Shoba Liza John attended a two weeks training in University of Nantes, France under the BELC Scholarship sponsored by French Institute in India and the French Embassy. Fr. C S Xavier attended Refresher Course in University of Calicut. Mr. Midhun Dominic C D and Dr. Ramakrishnan S attended Orientation Programme at Kerala University. Mr. SenjuDevassykutty attended Refresher Programme at Kannur university. Dr. June Cyriac attended Summer School Refresher programme at Kerala University. Dr. Pius Augustine, Attended, Orientation course, Academic Staff College, Jawaharlal Nehru University, New Delhi. Dr.Remya Ramachandran was selected as the contingent leader to organise Pre – Republic Parade Camp. Santosh Kumar and Shailesh Sivan, Assistant Professors, Department Of Computer Science qualified NET Exam. **Mrs. Tessa Mary Jose** joined back the department after the successful completion of her FDP on 1st August 2018.



Projects

- Directorate of Environment and Climate Change (DOECC) sanctioned project grant of Rs. 24 lakhs with Mr. Midhun Dominic C D as Co-investigator.
- **Dr.Sumod S.G is Co-investigator**, DST FIST , SH College, Amount Sanctioned : 1.1 Crore. RUSA and FIST grant have been sanctioned.



Awards

- “Best Principal award” instituted by AIACHE
 - Biodiversity award was instituted by Kerala Biodiversity Board.
- Dr.Shoba Liza John, Dept of Oriental Language, Dr.Didimos K.V, Dept of Mathematics, Dr.Rajesh James, Dept of English, Dr.Sebastian, Dept of English, Dr.Lesly Augustine, Dept of Botany, Dr.Ragi.A.S, Dept of Chemistry and Dr.AmmuR,Jose, Dept of Chemistry was awarded doctorate. Fr. C S Xavier and Mrs. RegithaBaiju submitted Ph.D theses.

Planning sessions at SH and Rajagiri led by IQAC

IQAC team: The College IQAC was reconstituted with Dr.Johnson as Co-ordinator, Dr.Grace Thomas as Joint co- ordinator ,Dr.Jeenu Kurian as Convener and Dr.Roby Cherian as Joint-convener. Activity of IQAC started with a 2 planning session held at Rajagiri College. IQAC has organized two days hands-on workshop in Moodle for faculty members of Sacred Heart College on 26-07-2018 & 28-07-2018 . A three day Academic audit was conducted as a part of Quality assurance by IQAC on 19th, 20th and 21st of December, with experts from Xavier Board of Higher Education. IQAC organised Two Day workshop on “Outcome Based Education – RBT Model” on 26th and 27th of October.One day Seminar on “The Role of Intellectual Property Rights in Academic Research” was organized by IQAC, Sacred Heart College

Platinum Jubilee in 3 Seasons

Season 1 –In the first phase the Jubilee celebration started with planting 75 saplings in the campus premises and also by placing the foundation stone for the BSE(Building Space for Excellence), a platinum Jubilee project. Chavera Excellence in Social Transformation: a seminar

series was organised in the month of September 2018 and the same was inaugurated by Dr. Shashi Tharoor MP, he shared his views on 'Education and India's future'. The highlights and achievements of **Season one** of Jubilee celebration is the involvement of our Institution and students in KERALA FLOOD RELIEF. Our student volunteers, through the forum of NSS helped many families in the phase of resettlement and reconstruction.

Season 2 – Season one was followed by season two with the inauguration of Education Expo, a science education cum industry exhibition in the campus, which lasted for a period of one week

open to the public. There was an array of programmes under the banner JAMBOREE which concluded with Heartifest on 20th January 2019.

Session 3 – Vice President M Venkaiah Naidu inaugurated the Platinum Jubilee celebrations of Sacred Heart's College on 1st Feb 2019 which was followed by sports day and College in the consecutive week.

Department Level Activities

All dept fests were conducted under the event Jumboree. As part of the Platinum Jubilee Celebrations of the college, an International Symposium on **New Trends in Applied Chemistry** was organized by the Department of Chemistry during January 14th and 15th 2019. Nobel Laureate in Chemistry Prof. Robert H Grubbs delivered the Nobel Lecture. As part of Ozone Day Celebration, a seminar on "Flood or Drought? How the Ozone Layer is Our saviour?" conducted by Centre for Environmental studies, Sacred Heart College. Department of computer science a seminar on cloud computing for final year BCA students on 20-07-2018 and conducted a seminar on IoT for 2nd year and 3rd year BCA students on 30-07 2018. Department of Economics of the college in association with Kerala Economic Association organized a panel discussion on Autonomy of RBI on 15-01-2019. Dr. Dan Thottakkara Seminar and Subhi Memorial Regional Seminar was organised by the department of English.

Rev.Fr.AbrahamKallarakal Memorial National Seminar was organized by the department on 11/02/2019 by the Dept of Sociology. Dept of Commerce organised a 3 day National Work on Statistical Analysis in Social Science Research by **Dr. RKasilingam**, Associate Professor, Department of Management Studies, Pondicherry University from 6th December, 2018 to 8th December, 2018. The department of Botany has **completed a coveted extension programme** funded by San Diego County Orchid Society (SDCOS), California, USA- "Restoration of orchids in human transformed landscapes involving local community and schools in Wayanad district, Kerala". An official Documentary on the programme entitled "Conservation of orchids in Wayanad" was officially launched on 17th January, 2019.

Clubs & FORA Activities – Achievements – Highlights

Youth Red Cross division, Ernakulam district organized a one day seminar for the students of colleges in the Ernakulam district at Sacred Heart College on 25th January 2019. Around 147 Red Cross Volunteers from 16 colleges participated. Tourism club celebrated “Heritage Week Nov 2018”, which exhibited various cultural programmes, which also included Cycle rally and Food fest. Major activities of the Bhoomithrasena club includes – Nature camp at Parambikulam Tiger Reserve, Gift Tilapia farming (support of CMFRI), Environment Day, Wetlands Day, water day, forest day celebrations, Chekkutty doll making, Training on bag making at KIDS. Total fund obtained from KSCSTE and DOECC is 1 lakh 35 thousand. Jesus Youth – A Christmas get together of “ThanalMaram” – “Christmas Snehasamgamam -2018” was held on 19th December evening during which Christmas gifts were exchanged to around 120 homeless people of the city. A three day camp – “Soulstice 2018” was organized on November 23–25 at the college auditorium participated by 110 students.

Extension Projects

- HEAL – A cancer awareness program was organised on 4th February 2019 in collaboration with Can cure foundation, Kochi.
- Rice paddy – Over 350 students were taken to Arayankavu paddy field for cultivation and harvested rice. It was later processed into different products and was sold in the Heartian Harvest.
- Vegetable Garden – On 28th November 2018, Nature club in collaboration with Bhoomithrasena club established a vegetable garden near the lake view ground.

- Organic Farming – Organic Kerala – We organised a 4 day organic fair in collaboration with Organic Kerala Charitable trust, Rajagiri college, St. Theresas college in RajendraMadhani, Ernakulam
- Age Friendly – Every Wednesday and Thursday our student volunteers teach computer and English for 110 senior citizens
- Mangrove Conservation – As part of the MSc field study on mangrove ecosystem, the students and faculty of 2nd year MSc Environmental Science, visited Kannur Kandal Project site in Kunhimangalam, Kannur district and an extensive study on the physico-chemical and biological parameters of the mangrove ecosystem was carried out along with water and soil quality analysis. As part of Mangrove Day celebration, MSc Environmental Students visited the mangrove ecosystem near Nettoor railway station on 26th July, 2018. Students identified that the Mangrove ecosystem in this area is facing varying levels of pollution.
- KERALA FLOODS 2018 : Around 50 to 52 students of our college volunteered in Regional sports centre, Kadavantra for helping in the process of supplying food to rescue centres.

Infrastructure development

New classroom for BBA and BCA is built above the Botany department. Roofing of the indoor stadium is completed. Melesius Hall, Marian Hall and Common Staff room were renovated. New well has been dug in our college premises.

FUTURE PROJECTS

Few of the long term plans are Building Space for Excellence (piling work is almost complete), Auditorium renovation, Water harvesting unit – Underground tank with a capacity of 5 lakhs, Toilet block, Computer lab.



DEPARTMENT REPORTS

DEPARTMENT OF AQUACULTURE



Department of Aquaculture

1 The 2018-20 batch of students joined on 25th June 2018.

2 The 2016-18 batch of student's results are published.

Appeared	Passed	Pass %	A +	A	B +
11	10	90.09	0 1	0 6	0 3

3 Student strength

Batch	No. of students
2017-19	13
2018-20	20

4 Staff strength :

Regular Faculty	Visiting Faculty
1. Dr. V.C. George, Director	1. Dr. P.M. Sherief (Biochemistry): pmsherief@gmail.com
2. Dr. T.V. Anna Mercy	2. Dr. Sanjeev, S (Microbiology)
3. K.R. Sangeetha	3. Dr. Jose Joseph (Fish Processing)
4. Leena Raphael	4. Dr. K.J. Joseph (Algae)
	5. Mr. Joseph James (Economics)
	6. Mr. H. KrishnaIyer (Statistics)
	7. Mr. Telson Norhonna (Biophysics)
	8. Ms. Shiby Telson (Computer) shybetelson@shcollege.ac.in
	9. Mr. Mathew M John (Aquaculture Engineering)

4. Faculty members have acted as resource persons in various scientific and technical committees and workshops

5 Training for students:

Semester	Area of Training	Period	Organization
IV	Quality control and Microbiology	10 days	Various fish processing factories
IV	Identification of Bacteria of Public Health Significance	two weeks	Central Institute of Fisheries Technology, Cochin

6 Field Visits:-

Semester	Place of Visit
I & III	Research vessel M V Matsiyakumari
IV	Govt. Net making Factory ,Ernakulam
II & IV	MPEDA-Multispecies Aquaculture Complex Vallarpadam





DEPARTMENT OF
BOTANY

Department of Botany

Botany association activities for the year 2018-19 were inaugurated on 4th July 2018 by Mr. Pradeep Prabhakaran, a practicing Organic Farmer from Vaikom. He enriched the day with an informative talk on "Organic Farming and Life style". The Botany Association conducted "**Fruitipedia2018**" (4th edition) on 10th July 2018. It was an exhibition of the wide spectrum of fruits; got public attention and appreciation. "**Brahma 2K19**", All Kerala Botany Fest, in connection with the Platinum Jubilee Celebrations of the College Season-2, "**Jamboree**", was a wonderful learning experience for the students. Under the vibrant leadership and guidance of faculty members, the entire department was involved in the EduExpo and various programmes.

The department of Botany, has organized a spectacular exhibition - "**Ganacia**" on 12th February, 2019, in which hand made products, indigenous food items, vegetable seedlings, flowers, medicinal plants, mushroom cultivation were exhibited. **Guruvandanam** programme was conducted at Melesius hall in the honor of late Prof. T.U. Joseph on 01.04.2017. **Mrs. Shampa Sharma** (Customer Acquisition Manager cum English Trainer, Franklins Institute of Airhostess Training, Bengaluru) was the reputed *alumnus college* was invited to share her experience. As the part of World Environment Day, the Department of Botany organized a photo exhibition of the Rare and Endangered Orchids of the Western Ghats. Mr. Lesly Augustine was awarded Ph.D. and other three faculty members are pursuing their Ph.Ds. Botany Association brought out '**Dalamarmaram**', the manuscript magazine and '**Botanica**', the newsletter. One student was awarded with **KSCSTE scholarship** this year. The department has **completed a coveted extension programme** funded by San Diego County Orchid Society (SDCOS), California, USA- "Restoration of orchids in human transformed landscapes involving local community and schools in Waynad district, Kerala". An official Documentary on the programme entitled "Conservation of orchids in Waynad" was officially launched by Fr. Dr. Prasant Palackappillil, Principal, SH College, on 17th January, 2019.

The faculty members **published research articles** in various journals. At present there are nine research scholars in the department. Dr. Giby Kuriakose and Mr. Ebin P.J. served as Resource persons for the two day workshop on Angiosperm taxonomy "Working with Plants" organized by the Department of Botany, Govt. College, Kottayam. Fr. Dr. Jose John served as Resource Person for the two day workshop on "Phycotechnology" held at Catholicate College, Pathanamthitta. Fr. Dr. Jose John and Dr. Giby Kuriakose delivered **three invited lectures each**. The department has organized six invited lectures by eminent scientists from other states. Dr. Giby Kuriakose has completed the study to formulate measures to eradicate *Mucunabrachtiata*, a nasty weed, from the Kanyakumari Wildlife Sanctuary, Nagercoil, Tamil Nadu as a consultancy program and submitted the Project Report to the Divisional Forest Officer, Kanyakumari Wildlife Division, Tamil Nadu. A collection of saplings mentioned in *Hortus Malabaricus* for SciGenomics has been implemented as a part of consultancy and internship program for MSc students funded by SciGenome, Kochi. About 150 species of saplings have already been handed over to the SciGenome. The college has generated an income of 2.5 lakhs as consultancy from the two aforementioned projects carried out by the department of Botany. The Department is acting as a **Plant Authentication Centre** and this year students from three Pharmacy Colleges, namely, Dept of Pharmacy, Amrutha School of Pharmacy, Kochi, Shree Devi College of Pharmacy, Mangaluru, Karnataka and St. Joseph's College of Pharmacy, Cherthala (Total nine candidates) benefitted this facility for plant authentication.

Seedling of various vegetables and fruits are being reared and distributed to the Heartian Community and to the public as an initiative to promote organic farming and agricultural habits. **Fr. Aquinas Quiz** was conducted on 16th December 2018 and Dr. Giby Kuriakose led the quiz competition. Mr. Vishal Sathesh and Ms. Devika Unnikrishnan of III B.Sc. won the Runners up trophy in the **All Kerala Botany Quiz Finals of Kerala Botanical Society** was conducted at K.E. College, Mannanam on 19th January 2019. There were **five invited talks and Interactive Sessions** by eminent scientists from outside the state on various topics.





**DEPARTMENT
OF COMMERCE**

Department of Commerce

The department classes resumed for the academic year 2018 - 2019 on 4th June 2018. On 30th June 2018 **Dr. Mathew Jose.K** was accorded a befitting farewell on his retirement and **Dr. Joseph George** was appointed as the new HoD of the department by the management. Faculty interaction with **FCA AkshayOke** for syllabus review and evaluation was held in the month of August. The department has initiated a platform named 'Doc - THE TALK', a platform for the students to interactive with successful resource persons from various walks of life after college hours. A National Workshop on IFRS by **FCA AkshayOke** (Partner FinPro Consulting, Pune) was conducted by the department and a total of 120 participants benefited from the programme from various institutions. **Mrs. Tessa Mary Jose** joined back the department after the successful completion of her FDP on 1st August 2018. **Mr. NawasMeeran** Managing Director, Easter Group of Companies interacted with faculty members on syllabus updation in the month of September. Department of Commerce staffroom, lab and classroom cleaning jointly by students and faculty members is a regular weekly affair of the department. One day session for final UG and PG students on Research Methodology by **Dr. Tejil Thomas**, Assistant Professor, Department of Commerce, St. Thomas College, Palai was held in the month of October. **Mr. James V. George**, Assistant Professor, Department of Commerce was selected as team manager by Department of Student Service, M. G. University for inter university competition held at Thirupathi from 7th October, 2018 to 12th October, 2018. **Dr. Remya Ramachandran**, Assistant Professor, Department of Commerce was selected as contingent leader from Kerala to attend and organize NSS Pre Republic Day parade camp at Bangalore coordinated by the Ministry of Youth Affairs and Sport, GOI FROM 26th October, 2018 to 4th November, 2018. The department has started a new 30 hour add on programme in capital market in collaboration with Hedge School of Applied Economics, Cochin. Mr. JerinSaju, Ms. Jewel Maria Albert, Ms. Thara Charley and Ms. ChaithanyaNambiar got placed with Deloitte, Hyderabad in the campus recruitment drive. Three day National Work on Statistical Analysis in Social Science Research by **Dr. Rkasiligam**, Associate Professor, Department of Management Studies, Pondicherry University from 6th December, 2018 to 8th December, 2018. **Ms. Blessy Babu** of Second Year M. Com, secured fourth rank in the All India Talent Search Examination conducted by Indian Commerce Association. **Six students** of the department cleared UGC NET held on 21st December 2018. The department organized this year too its flagship programme **TANNAV** on 16th and 17th January, 2019. The students of the department won the overall championship at the commerce fest (Commerce Causerie) organised by the department of commerce, S. B. College, Changanassery. Students of first B. Com won second prize for paper presentation competition held at Rajagiri College, Kalamassery.



DEPARTMENT OF CHEMISTRY



Department of Chemistry

1. Endowment seminars

As part of the Platinum Jubilee Celebrations of the college, an International Symposium on **New Trends in Applied Chemistry** was organized by the Department of Chemistry during January 14th and 15th 2019. Dr. Grace Thomas and Dr. Ignatious Abraham served as Co-ordinator and Convenor respectively. Nobel Laureate in Chemistry Prof. Robert H Grubbs delivered the Nobel Lecture. Past Nobel committee chair and current member Prof. Jan Erling Backwall from Sweden, Prof. Krishna P. Kaliappan, Indian Institute of Technology – Mumbai, Prof. Bruce H. Lipshutz and Dr. Ashwini Ghogare from USA, Dr. Shiju N. Raveendran, from Netherlands, Prof. Laurel Schafer from Canada, Dr. Sourav Pal, Director Indian Institute of Science Education Research, Kolkata, Dr. Virendra Gupta from Reliance R & D, Mumbai and Dr. Sivakumar, India delivered enlightening lectures. The Symposium was followed by a public interaction Programme in association with Mpower, MalayalaManorama in which Prof. Grubbs and Prof. Backwall interacted with students from different parts of Kerala. Certificate course on Computer Aided Drug Design was held on October – November 2018 in the span of 8 weeks. Dr. Abi T G was the co-ordinator. 30 participants including teachers and research scholars attended the course. Dr. Ronald, Dr. Susan, Dr. Abi T G, Dr. June Cyriac and Dr. Ramakrishnan S were the resource persons.

2. Faculty Achievements

Dr. Jinu George was awarded Travel grant by UGC May 2018. Directorate of Environment and Climate Change (DOECC) sanctioned project grant of Rs. 24 lakhs with Mr. Midhun Dominic C D as Co-investigator. Guest Lectures Ms. Ragi A S and Ms. Ammu Rosin Jose were awarded PhD in 2018 from CUSAT.

3. Invited Talks and Conferences.

Dr. Jorphin Joseph went to Paris to attend an international summer school and also delivered a talk in University of Rennes, France. Dr. Jorphin Joseph and Dr. Ramakrishnan S judged the poster presentation in the international conference on Sustainable innovations in green chemistry & New Technological Developments Sponsored by the government of Kerala held at Maharajas college. Dr. Franklin J presented a paper at Nanobiotech 2018 at AIIMS Delhi organised by DBT. Dr. Jinu George gave a talk at CIPET on technology day celebration and on Suchithvaseva at Naval shipyard. Dr. Jinu George presented a paper at Nanobiotech at AIIMS Delhi organised by DBT and another at Composite Materials Congress, Sweden. Dr. Jinu George attended a hands on workshop on cellular biology for women scientist at Mysore University organised by DBT. Dr. Ignatious Abraham was the resource person for Microscale analysis in St Teresa's college. Mr. Midhun Dominic C D gave an oral presentation at international conference M G University June 2018. Mr. Midhun Dominic C D chaired and resource person at the sixth international conference on Natural Polymers (ICNP-2018) at Kottayam and at the sixth National conference on Biopolymers and Green composites during the academic year. He also presented a paper in the international conference on Sustainable innovations in green chemistry & New Technological Developments. Dr. Ignatious Abraham and Dr. Ramakrishnan S inaugurated Chemistry association of SreeSankara Vidyapeetham college, Ayirapuramperumbavoor and Govt College Manimalakkunnu respectively. Dr. Abi T G attended workshop in molecular docking and drug design at Bioinformatic centre ATHMIC solution, and He also served as the Resource person in Amritha College of pharmacy, St Pauls College, Marthoma College, Maharajas College, Govt. Engineering College, Thrissur and Morning Star College, Angamaly respectively.

4. Orientation and refresher Programmes

Mr. Midhun Dominic C D and Dr. Ramakrishnan S attended Orientation Programme at Kerala University. Mr. Senju Devassykutty attended Refresher Programme at Kannur university. Dr. June Cyriac attended Summer School Refresher programme at Kerala University.

5. Publications

The faculty members of the Dept. Dr. M George, Dr. Franklin J, Dr. Ignatious Abraham, Dr. June Cyriac and Dr. Abi T G published papers in high impact peer reviewed international journals during the last academic year.

6. Student Achievements.

Annu Joseph and Anju Ben published an article in Physical Chemistry Chemical Physics. Sayesh P M (PhD Student of Dr. Jinu George) presented a paper at international seminar organised by Mar Ivanios college TVM and at international seminar organised by Dept of Chemistry, Sacred Heart College. Some of the student achievements of the Dept. are as follows. The pass percentage of BSc Chemistry, MSc Chemistry and MSc Pharmaceutical Chemistry for the last academic year is 90%, 94% and 90 % respectively. The PG outgoing students of the Dept. successfully completed their MSc projects in esteemed institutes like IISc Bangalore, IIT Kharagpur, NCL Pune, IICT Hyderabad, NIIST Trivandrum, IISER Trivandrum, NIT Calicut, CUSAT Kochi and MG University Kottayam. Students were awarded first, and second prizes in various quiz competitions held at different colleges.



DEPARTMENT OF COMPUTER SCIENCE

Department of Computer Science

Books Distribution (Outreach program) As part of an outreach programme, department of Computer Science has distributed note books to 100 deserving high students of Sacred Heart High School on 06-06-2018. The department alumni have sponsored this programme. School headmistress, department head, alumni representatives, faculty members and students were present on that occasion.

Workshop on PC Assembly Department of Computer Science has organized one day hands-on workshop on PC Assembly on 02-07-2018. The main objective of this workshop was to make awareness in BSc Computer Application students and to provide fundamentals of PC Assembly on the basics of Computer Architecture. It was handled by Asst. professor, Fr. Nijo Antony.

DQAC Meeting The DQAC Meeting provided an opportunity for a strategic overview of the entire activities of the department. The meeting was conducted on 07-07-2018. The review helped to ensure and maintain high quality standards to improve the overall activities of the department.

BoS Meeting Along with DQAC meeting, BoS meeting was also conducted on 07-07-2018. The meeting has provided an opportunity for a strategic overview of the entire learning and teaching activities. The review has helped to develop and maintain high quality standards to improve the curriculum and syllabus.

CASA (Association Inauguration) Department association CASA-2018 was inaugurated by Dr. Judy M V, Assoc. Professor, Dept. of Computer Application, CUSAT on 17-07-2018. She delivered an interactive session on 'New Technologies in Computer Science'. The session was very interesting and informative. The Principal delivered the presidential address. He appreciated the department for its vibrant activities and endeavors in the previous years.

Honouring Students In connection with the inauguration of CASA, the Dept. has honored the students for their excellent academic performance on 17-07-2018. 'Alex Memorial Award for Best Overall Performer 2018', 'Alumni Endowment for Outstanding Academic Performer 2018', 'Alumni Endowment for Excellent Academic Performer 2018' were given to Mr. Srrejith, Mr. Albin, Ms. Neeha, Ms. Aiswarya and Ms. Karishma respectively. All students with 'A' grade were also honoured.

Seminar on Cloud Computing Department conducted a seminar on cloud computing for final year BCA students on 20-07-2018. Mr. Shabeer and his colleagues from Sappio Consultancy Services handled the session. The aim of the seminar was to give an idea about the future of cloud and to a variety of end semester project ideas. Other topics Virtualization and Containers/Dockers are briefly explained in the session.

Moodle Workshop (Faculty Development Programme) IQAC has organized two days hands-on workshop in Moodle for faculty members of Sacred Heart College on 26-07-2018 & 28-07-2018 in association with Dept. of Computer Science at Chavara IT Center. The aim of the workshop was to define and classify ICT-enabled innovation for learning that involves large groups of learners and/or teachers/educators, with reference to the conceptualization of 'Creative Classrooms'. Resource person Mr. Binu A, HoD and Asst. Professor, Dept. of IT, RSET, Kakkanad handled the sessions. Forty six faculty members were attended the session.

Seminar on IoT -Department has conducted a seminar on IoT for 2nd year and 3rd year BCA students on 30-07-2018. The seminar was handled by Mr. Vaisakh Balachandran, Techno Business Expert in IoT. The aim of the programme was how to design basic IoT system.

January 17 & 18, IT FEST – Blitzkrieg 2019 As part of this year's academic program, the students of B.Sc. Computer Application and BCA hosted a grant event "BLITZKRIEG 2019", a south Indian fest which aims at exploring the talents of students in technical events on 17.01.2019 and 18.01.2019. The event witnessed 156 participants from various colleges and competed with each other. Along with various programmes as part of the IT Fest, department has organized two days technical exhibition on hardware and software. It has displayed all hardware parts of computer, new technologies like cloud computing, internet security. The hacking, hologram and Google home were exhibited. Several school students and college students have visited the stall. Various events were conducted in different venues at a time. All students of the department have been involved in conducting the events. The fest was finished on 18.01.2019 successfully.

Placements 17 of students of BSc CA and BCA were placed in Wipro, Infosys, CTS and Sutherlands.

Campus Placement Drive Two campus placement drives were conducted by a recruiting agency for several IT companies on 25.01.2019 and 11.02.2019. Majority of students were participated.

CENTRE FOR ENVIRONMENTAL STUDIES



CENTRE FOR ENVIRONMENTAL STUDIES

- **World Environment day, 5th June, 2018** Students Participated in tree planting on World Environment day, 5th June, 2018 by Vice Principal Sacred Heart College, Thevara
- **Science Day Celebration** All students Participated in Science Day Celebration and attended the talk by Dr Aravindan, MG University, Organized by Department of Zoology
- **Mangrove Field Study, IIIrd sem, on 11th to 14th July 2018** As part of the MSc field study on mangrove ecosystem, the students and faculty of 2nd year MSc Environmental Science, Centre for Environmental Studies, Sacred Heart College, Thevara had visited Kannur Kandal Project site in Kunhimangalam, Kannur district on 11th to 14th July 2018. An extensive study on the physico-chemical and biological parameters of the mangrove ecosystem was carried out along with water and soil quality analysis.
- **Mangrove Day celebration, 26th July, 2018** As part of Mangrove Day celebration, MSc Environmental Students visited the mangrove ecosystem near Nettoor railway station on 26th July, 2018. Students identified that the Mangrove ecosystem in this area is facing varying levels of pollution. Mangroves ecosystem in this region is often used for dumping waste, including plastics that do not biodegrade, harming both the ecosystems and the species living there. Further action plans have also decided in this regard.
- **Ozone Day Celebration, 17th September, 2018**
As part of Ozone Day Celebration, a seminar on "Flood or Drought? How the Ozone Layer is Our saviour?" conducted by Centre for Environmental studies, Sacred Heart College, Thevara. The main focus of the seminar was to spread awareness of the depletion of ozone layer and to search for solution to preserve it. In this context, a talk was given by Dr. E.P. Yasodharan, Emeritus Professor, School of Environmental Studies, CUSAT. Poster exhibition and a field trip to CIAL (06/10/2018) were also conducted to give exposure to students on the measures to ameliorate the causes of Ozone depletion
- **Visit and survey of Flood impact region – Varappuzha – 01.09.2018**
- Students went to the flood impacted region in Varappuzha Panchayath and visited flood victims. Collected data regarding the impacts of flood and submitted a report to Principal.
- **Waste Management Survey – 09.08.2018 – Thevara Ward No. 52 visit** IIIrd semester students conducted a waste management survey on 9th August 2018 in ward number 52 of Thevara Municipality. A questionnaire was prepared and household survey was conducted. All the collected data were recorded and the survey to be continued for further assessment
- **Talk on Disaster Preparedness, 4th September, 2018** students attended a talk by Dr. Murali Thummarakudy, Chief UN (DRR) on Disaster Preparedness on 4th September, 2018
- **World Wildlife Week, 3rd October 2018** Students attended a Programme on 'World Wildlife Week'
- **Volunteers for Mercy Corps (IGO) – Flood Relief on 7th, 12th, 13th and 18th September** Two students of IInd semester, Ms Amitha and Ms Laya, worked as volunteers for Mercy Corps (IGO) as part of flood relief. They worked with them in 4 days.
- Three students attended an international conference on energy conservation conducted by the Energy Management Department, NEERI, Nagpur. Two students attended an inhouse seminar at the Centre for Environmental Studies, Indian Institute of Science, (IISc.) Bangalore.
- **Solid Waste Management – Discussion and Interaction, December, 2018** Solid Waste Management – Discussion and Interaction by Dr. Manoj and Dr. Priya Rao of Pelican Biotechnology Pvt. Ltd. I MSc students attended the three day sessions conducted in our Main Auditorium, SH College
- **Fresh Water Ecosystem Study, 15th to 17th, October, 2018**

As a part of MSc field study on fresh water ecosystem, students of 1st MSc. Environment Science, Centre for Environmental Studies, Sacred Heart College, Thevara conducted a three day extensive field trip to Periyar from 15-10-2018 to 17-10-18. The field study of fresh water ecosystem was carried out for 3 consecutive days extensively covering areas through Manjummal Kadavu, Kunnumpuram, Cheranelloor ferry, Keezhmadu, Chowara, Marampally and Thattakkad. An extensive study on the physico-chemical and biological parameters of the mangrove ecosystem was carried out along with water and soil quality analysis.

A Common Session on Methodology of Science, 29th November, 2018



I MSc students attended a Common Session on Methodology of Science led by Dr. Babu Joseph, in Sacred Heart College, Thevara on 29th November, 2018

4thsem Students internship and project

3rd Sem students have been selected in IISc, Bangalore and NEERI, Nagpur for internship and research project.



One day Seminar on 30th November, 2018 I MSc students attended a One day Seminar on “The Role of Intellectual Property Rights in Academic Research” Organized by IQAC, Sacred Heart College, Thevara and Patent Information Centre – Kerala/KSCSTE on 30th November, 2018.

Educational Expo, from 17th to 21st December 2018 As part of 75th Jubilee celebration of Sacred Heart College Thevara, an education expo was conducted for 1 week. Students arranged a stall in the education expo with the theme of ‘Waste To Wealth’. Several recycled products were displayed in the stall. Plastic bottles from nearby areas of Fort Kochi were collected and used for making different types of handmade craft items. Different types of waste management equipment such as Bio digester, Pipe compost, Biogas, Vermi compost were displayed and their methods for installation were explained.



Visit to Kochi Muziris Biennale waste management system on 28 January 2019 The students of I M.Sc Environmental Science conducted a visit to Kochi Muziris Biennale on 28 January 2019 to understand the working and mechanism of the biodegradable waste treatment facility at the Cabral Yard Pavilion.

CMFRI visit on 5th February 2019 On 5 February 2019 all IInd sem students and teachers visited CMFRI (Central Marine Fisheries Research Institute) to get an exposure to the latest state-of-art laboratories, the Marine diversity and the library housing more than 7000 scientific periodicals and books.



**DEPARTMENT
OF
ENGLISH**



The plans for the academic year 2018-19 were readied at the end of the last academic year itself. The primary task was to raise the department to a research department. The process is under way and it is hoped that the sanction will be accorded shortly. The second task was to streamline the curricular and co-curricular work including the preparation of the question banks and the conduct of redo/retest examinations.

Accordingly, a number of structural changes were introduced to systematize the teaching-learning-evaluation process.

Academic Programmes The department offers an undergraduate programme, BA English with Copy Editing as a vocational component of it with a strength of 24 students; a postgraduate programme, MA English Language and Literature. Besides these, the department offers a certificate course in Business Communication for international students; and coaching classes for students to appear for NET examinations. This year three students who underwent training here cleared the test.

Academic Results/Achievements. The performance of the students in examinations this year was quite good. The postgraduates made a sterling performance with a 100% pass with 5 'A' grades and 9 'B+' grades and 1 'B' grade. The performance of the BA students was considerably better than that of the previous year with a pass percentage of 87 % (against 82% in 2017) 1 A+, 7 A grades and 8 'B' grades. Three of our students were able to get admission to National level institutes for postgraduate programmes.

Programme	No. Students	Pass %	A+	A	B+	B	C
M A	15	100	0	5	9	1	
B A	23	87	1	7	8	4	

Repeating the feat of last year, 6 of our students qualified the NET examination this year with two of them securing the JRF. Two of the students who completed their MA programme have joined IITs for their Ph. D. programme.

International Programme -This year also the department offered the Certificate Course in Business English for international students. Two students from Japan registered for the programme of which one has already completed the course and the other is joining in the month of March. The classes were conducted with the help of student-tutors and guest faculty under the mentorship of Sri. Bijo N. Mathew.

ASAP Training Programme -ASAP has invited the department to join the Communicative English training programme under the new dispensation. As it involves financial implications, the department is currently in discussions with the ASAP secretariat regarding the modalities. The implementation of the programme depends on the feasibility of the same.



Academic Seminars /Workshops/Invited Lectures.

1 Dr. Dan Thottakkara

SeminarThis year's Dr. Dan Thottakkara Seminar was held on the theme "Cultural Memory and the Negotiations of Identities". Eminent Scholars such as Dr. KC Baral, EFLU, Dr. SaugathaBhaduri, JNU, Dr. Simi Malhotra, JamialMiliaIslamia and Dr. AF Mathew, IIM Kozhikkode gave the plenary addresses. The seminar also featured the performance of Eugene O'Neil's play *Emperor Jones* by the students of the department. Over 200 teachers and research scholars participated in the seminar.

2 Subhi Memorial Regional

SeminarThe academic seminar in memory of late Ms. SubhiTresa was organized on 17 December 2018 on the theme, "Humanities and Literature in the Techno-Social Imaginary of a Knowledge Society". Prof. Thomas Pogge from Yale University, USA was the chief speaker in the seminar. The second plenary session was a panel discussion on the theme led by Dr. CB Sudhakaran, HoD, English, Ilahia College, Muvattupuzha, Prof. Josy Joseph, Associate Professor, SB College Changanassery, Prof. Indulal, Associate Professor, SD College, Alappuzha and Priya K. Nair, St. Teresa's College, Ernakulam. The seminar was attended by over 200 student participants from various colleges.

3.Dr.Cheruveli Endowment

LectureThis year's Dr.Cheruveli Endowment lecture is scheduled to be held on 26thFembruary, Contemporary Discourses by Dr. PK Babu, Principal. MES collegeMampad.

4.Rev. Fr. KoyikaraEndowment This year's Rev. Fr. Koyikara Endowment Media seminar is scheduled to be held as a 1-day copy editing workshop on the 16th of this January, 2018. The workshop is intended to give the students of the Copy Editor students of the UG classes a hands on training in the art of copy editing. The workshop will be led by senior journalists from the national level daily, *The Deccan Chronicle*.

Invited Lectures -In addition to the above, this year the department organized a series of invited lectures. The following were the lectures.

S	Speaker	Topic	Date
1	Dr. Vijayaraghavan	What is Literature	August 2017
2	Dr. N. Prasanthakumar	Research Methodology	November 2017
3	Ms. Nisary Mahesh	Content Wriitng	September, 2017

Faculty Improvement. Two of the teachers of the department participated in Orientation/Refresher courses this year. Three others took part in National/state level seminars and workshops organized by various colleges in the state this year and two papers were also presented by the faculty members. Two of the faculty members were resource persons in various academic seminars during the year.

Research Publications. There are 3 research papers by the faculty members published this year. The department proposes to conduct a research paper writing workshop this year too. The workshop is scheduled for the month of April.

Question Bank. The department undertook a very important task of preparing the question bank for the odd semesters of the PG programme. The bank was used successfully in the end-semester examinations of November 2017. An average of 120 questions were prepared for each paper.

Parent Open house. This year parent open houses were held for first year and final year UG. The suggestions of the parents are taken seriously and steps are taken to address their grievances. Another round of parent open house is scheduled for the third week of February.

On the Job for UG students. The UG Students who underwent internship in various media institutions have performed satisfactorily. This year as many as 10 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 despite the fact that the lack of motivation continues to be a challenge in this area.

Co-curricular Activities

Meraki 2019. For the first time in its history, the department organized an intercollegiate Literary Festival called MERAKI on the 10th February, 2018. Over a dozen colleges participated in the 8 literary events. The meticulously planned festival was much appreciated by participants and audiences from various colleges.

English Association. English association was inaugurated on July 12, 2018 by Dr. Vijayaraghavan, retired professor, Government College, Trichur, along with a splendid cultural program titled “Enthral 2018”. Dr. Vijayaraghavan delivered an inaugural lecture on importance of developing mother tongue along with English.

The new comers to the department were welcomed with a mind blowing event “Kairos 2018”. August 2nd witnessed an event titled “JAM” for the students of the department. On August 8, a Literary Quiz was held in the department library on English Fiction. The department gathered together on 12th August to commemorate the Nobel laureate V.S. Naipaul on his sad demise. On August 14, 2018, a workshop was conducted on the topic “The Dynamics of Academic Writing”. Dr. B. Hariharan, Professor, Institute of English, University of Kerala was the speaker. Department of English won first prize in the patriotic song competition conducted in the college in association with Independence Day celebrations. Teachers’ Day was celebrated in the department. A literary Quiz was conducted on 19th November in the BA second year class room for the students of the department. During the Dan Thottakkara Memorial National Seminar organized by the department, the students performed a Tableau Vivant “Emperor Jones” in the amphitheatre which was well appreciated by the audience. The literary festival “MERAKI 2019” was the flagship cultural event of the English association in the academic year 2018-19. Students from various colleges of the state participated in the events such as “Spell Bee”, “Drabble”, “Haiku”, “Soliloquio”, “Lita Wizard”, “Expresso” and “Being You”. St. Teresas College, Ernakulam won the overall trophy in the event. The association has also launched a blog page to document the activities of the Department Association. We are looking forward to conducting a few more programs in the forthcoming days before the end of the academic year to develop the literary talents of the students. The annual get together of the alumni, the sent off gatherings of the UG and PG final years and the closure gathering of the association in the academic year etc. are in the pipeline.



DEPARTMENT OF ECONOMICS



Seminars – Lectures – Talks organized by the Department

•Department organized a talk on “union budget 2018-19 – A Critical Approach” for students and faculty of the college on 16-02-2018 from 10.30 to 1.30 pm. Prof.(Dr) Mary George, Former Chairperson, Kerala Public Expenditure Review Committee, Government of Kerala, HoD of Department of Economics, University College, Thiruvananthapuram delivered the budget talk.

•Rev. Fr. (Dr) Gilson John, Former Principal of St. Joseph’s College, Mooamattam delivered a talk on “Economics of Happiness” on 4/10/2018.

•Dr.JeemolUnni, Professor of Economics at Ahmedabad University in the AmrutMody School of Management in Ahmedabad, delivered the talk on career opportunities for Economics Students on 10/12/2018 for PG and UG economics students.

•Department of Economics of the college in association with Kerala Economic Association organized a panel discussion on Autonomy of RBI on 15-01-2019. Sri. Salim Gangadharan, Former Regional Director (Kerala and Lakshadweep) delivered a talk on “Autonomy of Reserve Bank of India”. Dr. V A Joseph, Former Managing Director, South Indian Bank delivered a lecture on “Impact of Autonomy of RBI on Commercial Banks”.



Result Analysis

Results 2018	Pass Percentage	No. A+	A
BA	73.08	10	13
MA	89	5	7
M.Phil	100		

Add- on Courses Conducted Economics department conducted two add-on courses for UG economics students during 2018-19. (30 house Course)

- Introductory Economics – conducted by Economics department
- Banking and Financial Services (in collaboration with Hedge Hedge School of Applied Economics)

Ph.D Awarded The following students were awarded Ph.D

- Nishanthi P G
- Raffeek V H
- Remya Raja
- Resmi C P
- Revathi K Sivasdas

Students Passed NET Exam – 2018-19

- Renuka S (MA 2015-17) NET 2018
- Anshi T (MA 2016-18) NET 2018

Economics Alumni Association Meet

- A meeting of Economics Alumni Association was held on 2/10/2018
- Office bearers for 2019-20 were elected
- Meeting requested the members to contribute to the BSE Project fund

Economics Association Inauguration 2018–Activities of Economics Association for 2018-19 was inaugurated on 4/10/2018.

Rev. Fr. (Dr) Gilson John, Former Principal of St. Joseph’s College, Mooamattam inaugurated the activities and delivered a talk on “Economics of Happiness”. The meeting was presided over by Rev. Fr. PrasanthPalackkappilly, the principal.

Economics Fest – Boom 2019 and Exhibition Economics Fest Boom 2019 was held on 17-01-2019. Department organized an intercollegiate completion on Budding Economists, cartoonomics and football (3 players). Several students from other colleges participated in the completion. Along with this, department organized two day exhibition on India’s development since 1950 and also held a coin and currencies exhibition in association with The Kerala Numismatic Society.

Cartoonomics Competition



Industrial Visits – Department organized industrial visits for I M A and II BA Economics students.

Innovation

Academic Discussion As has been decided to hold an academic discussion led by students on every 3rd Wednesday in a month, an academic discussion on the contributions Nobel Prize winners in economics 2019 William D. Nordhaus and Paul M. Romer in the field of **Integrating innovation and climate with economic growth** was held in the month of December 2018. I MA Economics students led the discussion.

Faculty achievements

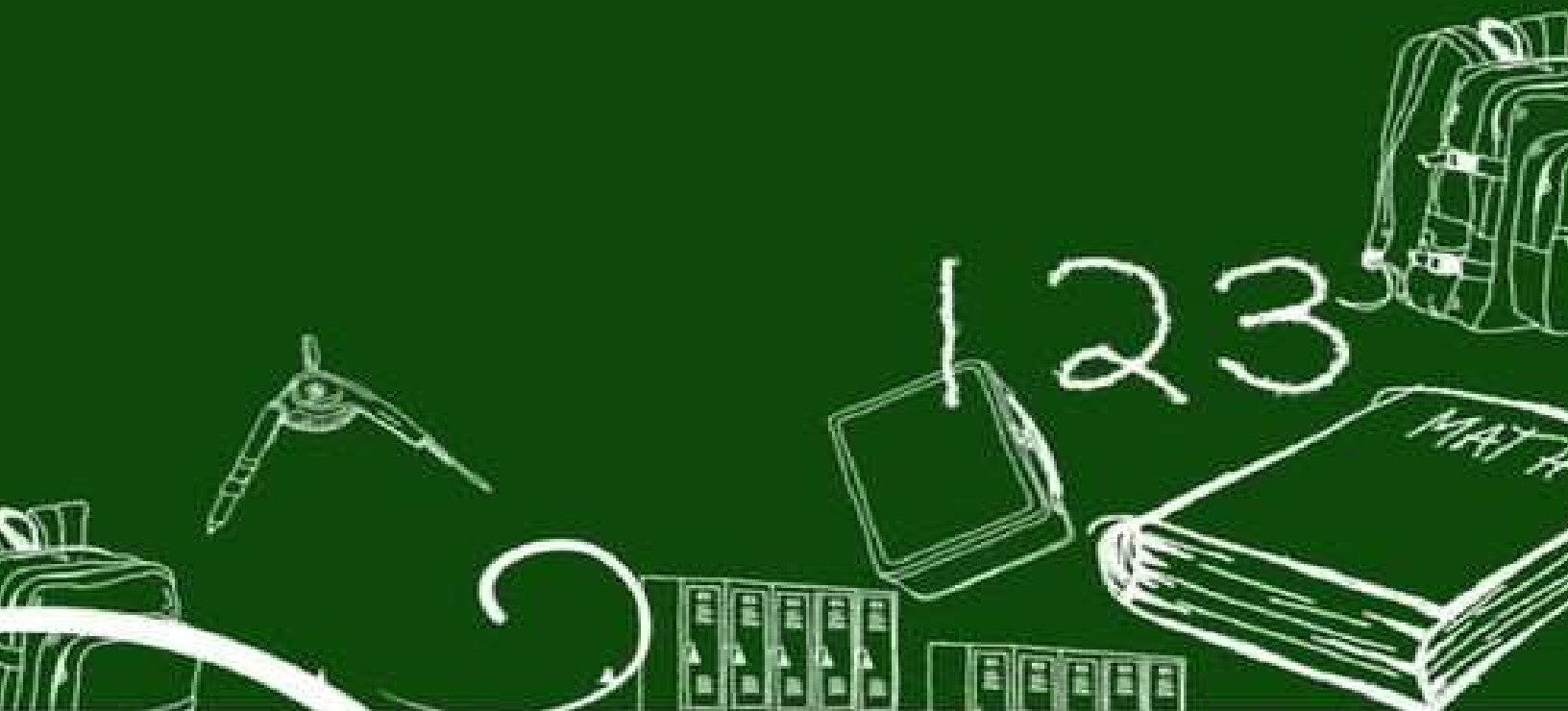
Siby Abraham submitted Ph.D thesis in February, 2018 and published a paper – (Siby Abraham & Dr. N. Ajith Kumar, **Real Estate Price Dynamics in India. An Overview of Residex Index with Special Reference to Kochi**, IOSR Journal of Business and Management (IOSR-JBM) e-ISSN: 2278-487X, p-ISSN: 2319-7668. Volume 20, Issue 9. Ver. VI (September. 2018), PP 04-08, www.iosrjournals.org).
Rev. Dr. Dan Thottakkara Best Teacher Publisher Award, 2018 was instituted to Siby Abraham.

Students Achievements

Exchange Programme (Students attended International Programmes) – 2018-19

	Name of the student	Programme	Organization
1	Gouri G Hari (2 nd Dc Economics)	- Student Exchange Programme – Inbound Programme 3 weeks (August 2018)	Juniata college , Hunting Ton Pennsylvania

DEPARTMENT
OF MATHEMATICS





Department of Mathematics

Department Activities The department conducted Rev. Fr. John Therezhath Endowment Lecture Series for PG and UG students. The talk for UG and PG students was held on 20 July 2018 and Dr. Naveenachandran, Department of Mathematics, CUSAT inaugurated the activities for the year 2018-19 of Mathematics association and has been the resource person for the talk. Alumni meet was conducted on August 2019. As part of jubilee celebrations a mathematics fest: Kanakeecial was organized on 16th and 17th of January 2019. Zero Day was celebrated on 02 February 2019. The department conducted IIT JAM coaching for fast learners. The department provided NET coaching.

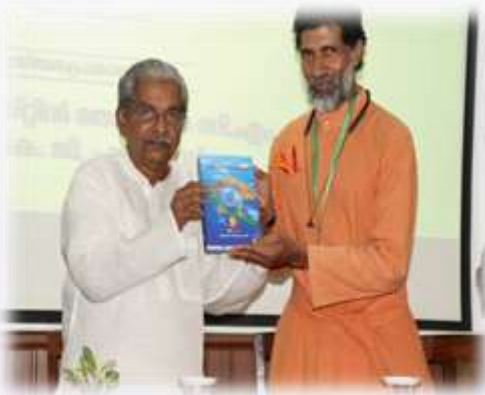
Student Achievements Our Quiz team consisting of Vishnu K S and Joe Joseph Mathew of II DC Mathematics won 2 first prizes, 2 second prizes and 2 third prizes in various mathematics quiz competitions. Our student Joffin C Clement of first B.Sc Mathematics was a member of the college team which won the Sargatham 2019. He also secured the second prize in the quiz competition held at Holy Grace Institute of Manangement.

**DEPARTMENT OF
ORIENTAL
LANGUAGES**



Department of Oriental Language

June 21 Festival of music was celebrated in college by french students. Ms Shoba Liza John attended a two weeks training in University of Nantes, France under the BELC Scholarship sponsored by French Institute in India and the French Embassy. On Sept 3rd, Ms Shoba defended her Ph.D and was awarded doctorate. On 8th August, the dept held an interactive session by M Emmanuel Samson, education coordinator, French Embassy in India. In November the french students bagged the overall championship in the french poetry and singing competition held by Alliance Francaise . Seven students passed DELFA1 exam.



Fr. C S Xavier submitted Ph.D theses. The Department conducted various discussions on contemporary social issues and literary sensibility under AKSHARAM literary forum. Fr. C S Xavier attended Refresher Course in University of Calicut from 15 January to 6 February 2019.



DEPARTMENT OF PHYSICS

Students Achievement –PG students are encouraged to carry out online certification courses under NPTEL. Dr. Roby Cherian is the mentor for 13 of the PG sem2 students for the online course “Advance Statistical Mechanics” along with “Thermodynamics and Statistical mechanics” paper to know the different aspects of the paper.Elizabeth Thomas – 2010-12 Batch , Vrinda P. Narayanan – 2014-16 Batch, Merin Jose – 2014-16 Batch, Malini K. Abraham – 2015-17 Batch , Lakshmi Rajagopal – 2015-17 Batch and Navya S. L – 2004-06 Batch are the net qualifiers for this academic year. Ms. ShyamliSuneesh of B.Sc Physics Sem3 was one among the 3 students from SH College who went for a Students exchange program with Juniata College, Pennsylvania , USA (Aug19 – Sept 07, 2018). Ms. Jincymol Joseph was the first official student from NPTEL SH local chapter to successfully complete the NPTEL online certification course (12 Week course on Introduction to Material Science and Engineering). In 2018 19 academic year from M.Sc Physics Semester 2, full students (13) are enrolled for the 12 week Advanced Statistical Mechanics NPTEL online certification course starting from Jan 2019. Ms. Lakshmipriya R. had participated in Physics Training and Talent Search (PTTS) programme for M.Sc physics students held at National Institute of Technology Karnataka, Surathkal from May 21- June 10, 2018. Ms. Jincymol joseph had been selected as part of the IISER–Pune Summer student Programme and she had successfully completed the summer project titled “ Synthesis of two–dimensional materials using chemical vapour deposition technique” under the guidance of Prof. Atikur Rahman at IISER Pune during May15–July 15, 2018. Ms. Navya Biju and Ms. Lakshmipriya R were selected to attend SITARE (Southampton – IUCAA training for Astronomical Research and Education) workshop at Newman College Thodupuzha from Sept.17–19th 2018. Ms. AbinayaA Kamath of final B.Sc physics and Mr Abhijith Thomas of 1st DC Physics won the third prize in the “Prof. Mohan Kurien Intercollegiate Physics Quiz held at CMS College, Kottayam on 04/02/2019. Ms. ShyamliSuneesh of B.Sc Physics Sem4 will be attending Model United Nations (MUN) Conference of Bali Asia International MUN on March 22–25, 2019 at Indonesia.

Activities The Physics Alumni meeting for this academic year was held on 26th Jan 2019 from 10:30–12 noon. There was a total of ~150 students for the meeting. In the meeting various awards instituted by the Department and Endowments awards were awarded for the academic excellence during the academic year 2018–19. The newly added Department award was Dr. Georgekutty Joseph award for the Overall Topper in M.Sc physics (Theory). In the Meeting , 5 of the alumni who qualified CSIR–NET were congratulated and mementos were distributed. This year’s activities were inaugurated by Prof. Joe Jacob of Newman College, Thodupuzha on 19th of July 2018. We had a lecture about lunar eclipse followed by a lunar eclipse watch on July 27, 2018. The lecture was given by personnel from Breakthrough Science Society. They also assisted in holding the eclipse watch event. As the college is celebrating its platinum jubilee, the Physics Department held an exhibition comprising of 75 exhibits, named “Three Scores and Fifteen Pebbles*^o”. Each exhibit, built up by the Physics Association (in a cost effective manner), is chosen with the aim of imparting a principle in physics to the visitor. Pendulum wave, Jacob’s Ladder, Chaotic Water wheel, Euler’s Disc etc. are few of the highlights of the exhibition. This year’s Prof. Jolly Lukose endowment quiz was organised on 17.01.2019. More than twenty teams participated in the event. A get together of all the UG, PG students and faculties of the department was celebrated on 26th January 2019 with a common lunch. It provided an opportunity to showcase the cultural talents of the students of the department and team spirit within each class.

This year, also, the proposal for participating in Urjakiran energy conservation awareness campaign by Government of Kerala got accepted. We have already conducted Energy Conservation Day Rally on 18.12.18.

Faculty Achievement

Dr. Pius Augustine attended **Newton-Babha STEM** –Research Based Pedagogical Tool (**RBPT**) level – 3 **workshop** – **WRITERS’ WORKSHOP**–organised jointly by IISER Pune, British council, MHRD and DBT at IISER Pune, Jan 20th to Jan 23rd, 2019. He guided two M Phil students (Gokul. V – March 2018 to Sept 2018, Arjun Suresh. P – March 2018 to Sept 2018) and attended Orientation course in Academic Staff College, Jawaharlal Nehru University, New Delhi from Oct 8 2019 to Nov 2, 2019.

Dr. Mathew George was one of the external members of Board of Studies of the Department of Physics, FathimaMatha College, Kollam.He served as question paper setter for M A College, Kothamangalam, C M S College, Kottayam, and St. Joseph’s College, Irinjalakuda. In addition, I have served as external examiner of St. Teresas College, Ernakulam, St. Alberts College, Ernakulam and M A College, Kothamangalam. He also served as the quiz master of the intercollegiate physics quiz conducted by Baselius College, Kottayam.

Dr. Sumod S.G

ACHIEVEMENTS

- *‘Kerala State Young Scientist Award’, KSCSTE, Government of Kerala, India (2018)*
- *Co-investigator, DST FIST, SH College, Amount Sanctioned : 1.1 Crore (2019)*
- *Resource Person, National Seminar on ‘Recent Trends in Material Science’(2019)*
- *Approved Research Guide, Mahatma Gandhi University, Kottayam, Kerala, India (2018)*
- *Served as a ‘Reviewer’ to evaluate 7 research proposals under NASA Postdoctoral Programme, USA (2018)*
- *Dr. Cyriac Antony Young Scientist Award’, SH College (2018)*
- Served as a Question paper setter and external examiner for B.Sc., Physics, M.Sc. Physics and M.Sc Space Science Courses in various autonomous colleges.
- Introduced a new paper “Space Physics and Atmospheric Science” for M.Phil. Physics course.
- Scrutinized the Question bank for M.Sc. Physics and M.Sc. Space Science at various autonomous colleges under MG University.
- Guided 2 students for their M.Sc. Physic project.

REVIEWER OF INTERNATIONAL JOURNAL (2018).

Journal of Geophysical Research, American Geophysical Union (AGU), USA.

TALKS:

- *“An introduction toSpace Science Research”, Pavanathma College, Muriakassery (2019)*
- *“ Space Weather: Current Scenario and Major Challenges”, Morning Star College, Aluva, India (2018)*
- *“ Space Science Research in India- An Overview”, CSI College of Education, TVM,India (2018)*
- *“Solar Terrestrial coupling- An Introduction”, Researcher’s Meet, SH College, India (2018)*
- *“Sun-Earth Connections- Focus on Equatorial Coupling Processes”, Kerala Science Congress, India (2018)*
- WORKSHOPS/SCHOOLS/CONFERENCES ATTENDED
- *National Seminar on ‘Recent Trends in Material Science’, Pavanatma College, Kerala, India (2019)*
- *30th Kerala Science Congress, Govt.Brennen College, Kerala, India (2018)*
- *University Grant’s Commission (UGC) Refresher Course, Madras University, Chennai, India (2018)*

Dr. Jimmy Sebastian Invited Resource person at NITTE University Mangalore **14th Feb 2018 to 16th FEB 2018**. One Of the two faculties from the Department of physics to write the FIST (DST) proposal which got sanctioned on **Oct 2018**. Was resource Person for RBPT (Resource based Pedagogical tools conducted by IISER Pune, DBT (Gov. of India), MHRD (Gov. of India) and British Counsel. Observer of RBPT level - 1 at Kolkata **23rd to 24 October**. One Of the two faculties Selected as an Editor for the RBPT - Physics book to be released by IISER Pune. **20th Jan to 23rd Jan 2019**. Invited Talk at Pavanatma College, Murickassery for a National seminar on Recent Trends in materials science conducted by the Physics and Chemistry department. **29th Jan 2019**. Successfully completed the Refresher course in materials science with A grade **30th Oct to 21st Nov 2018**. Class teacher of class from which Chrisma Rose Babu was selected as the best outgoing student **2018**. Class teacher of 2018 BSc physics batch results (21 A+ and 17A) best result in last 13 years. Jolly Lukose endowment inter collegiate Physics Quiz with 24 teams from different colleges. **17th Jan 2019**. 1st MSc Physics students contributed 15 experiments to the exhibition organised by the physics department during the Jubilee celebration week. **16th to 20th Jan 2019**. Organized an interaction session for 2nd MSc students with Prof Kannan Ramaswamy (BITS Pilani). **4th June 2018**

Roby Cherian gave a talk on (1) "Orientation Programme for Higher Education " at Bharat Mata College, Thrikkakara on July 13th 2018. (2) "Career in Physics" for the 1st year Degree students as part of their Orientation week at Al-Ameen College, Edathala on 4th July 2018, (3) "Career Aspects in Physics" at Sacred Heart College, Chalakudy, as part of the *DBT-STAR College Scheme*, on 31st Jan 2019. Played a vital role in the Question paper setting for various Autonomous colleges in Kerala during the academic year 2018-19. Initiated the starting up of "NPTEL" local chapter in SH College, Thevara in 2018. Roby Cherian is acting as the NPTEL SH College Thevara Local chapters SPOC Coordinator. In 2019 we have 108 students taking the online NPTEL courses started for the Jan-March 2019 period. Actively involved in the online video lecture series on "Computational Physics" in SH Vision. Was External Examiner for various PG and UG lab exams in the nearby colleges. Was External Examiner for the PG and MPhil Project evaluation at St. Teresa's Ernakulam. Was the judge for Dr. Annie Joseph Vallamattom Memorial Inter-Collegiate Project Presentation held in St. Teresa's College Ernakulam on 3rd August 2018.



DEPARTMENT OF PHYSICAL EDUCATION



Three students represent India, 33 students represented the M.G. University and 5 represented the Kerala state in various games. Our college team were winners in the MG university intercollegiate for the categories that include Baseball(MEN), Cricket(MEN), Fencing (MEN), Handball (MEN), Lawn Tennis (WOMEN), Table Tennis (WOMEN) and second runner up in Rollball (Men) and Basketball (Men). Other intercollegiate tournaments won during this academic year include

- Winner of inter collegiate Basketball Tournament at Sahrudaya College, Chalakudy
- Winner of Fr. Bartholomew inter collegiate Handball Tournament
- Runner up of Fr. Bartholomew inter collegiate basketball Tournament
- Runners up of Fr. Moses inter collegiate Basketball Tournament at Rajagiri College, Kalamassery
- Runners up of inter collegiate Basketball Tournament at KE College, Mannanam
- Badminton men team won the Runner-up position in the BMC college, Trikakkara Tournament

Programmes organized during the year are:

1. FIFA world cup penalty shoot-out and winner prediction competitions were organised.
2. Health checkup for students and public were conducted on the day of world heart day in association with Medical Trust Hospital Ernakulam.
3. Half marathon run conducted in the laka view ground.
4. Annual athletic meet for students, staff and inter department games also organised.
5. 74th Fr. Bartholomew Memorial Inter collegiate basketball [men & women], Volleyball [men & women], Ball badminton men handball men were organised without any break
6. Blood donation camp and cancer care classes were organised in association with Cochin round Table and CREDAI Kerala respectively.



DEPARTMENT OF SOCIOLOGY



This year we rededicated ourselves to the needs and aspirations of the street dwellers and Relunched our 'Daya' Food programme along with our Association Inauguration. The inauguration of the activities was done by Shri. Theruvoram Murugan, a Social Activist and a key personality in the social milieu of Ernakulam district. His address to the audience was inspiring with him describing his childhood experiences which was heart touching and his life story was inspiring. 'Daya' a food distribution programme for poor street dwellers at Ernakulam is an ambitious venture of the department.

Rev. Fr. Abraham Kallarakal Memorial National Seminar was organized by the department on 11/02/2019 on the theme 'Socio – Political Discourses in Post Truth Era'. Dr. Dinesan Vadakkiniyil, Research Fellow, Bergen University, Norway was the Chief Speaker. The seminar and discourse was attended by dignitaries from various walks of life especially those from the academic community at large.

In lieu with the Platinum Jubilee Celebrations of the college, the department organized a Photo Exhibition on the theme 'Ma – Nishada' showcasing different facets of the socio cultural life of the Indian Society. The exhibition was well appreciated and was perceived as part of the social commitment of the Department.

SERVICE ORIENTED PROGRAMMES

ORGANIC FARMING The department decided to venture into the domain of 'Organic Farming' practices and initiated the same in its premises as a part of its Green Initiative. The flood calamity was unprecedented and the department geared its full efforts both in men and material to deal with this menace and to help out the affected men and women. Many Students and faculty cooperated with the relief work and worked as volunteers.

UDAYA COLONY COMMUNITY ENGAGEMENT Flood affected Udaya Colony was identified as a target group for Community Engagement and special efforts have been taken to distribute essential items for them on a regular basis without fail. A monitoring team including specialists from different domains including department faculty was constituted to constantly assist the Colony inhabitants .

ISOLATION WARD VISIT This academic year we took a special initiative to regularly visit Isolation ward at general hospital Ernakulam with a special purpose to spend some time with the patients who are cut off from all forms of Social Interaction . It was decided that on turn basis students should visit them and support them psychologically and socially.

'THANALMARAM' 'Thanalmaram' is a special programme conducted by the department in collaboration with the Jesus Youth Organization. This programme is aimed at providing special assistance to the Aged and the needy by meeting them personally every week and to engage them in community activities.

'LET MALE SPEAK' The department organized an innovative session/seminar on Male Perspective /Male Version of Social Reality and the emerging Gender specific issues. Shri. Rahul Easwar was the chief Speaker.

WOMEN'S DAY The department organized a mega event and a seminar in connection with the Women's Day celebrations and Magazine Cover Fame. Smt. Jilu Joseph was the Chief Guest. It was an enthralling experience and all departments registered their presence sending their delegates.

THE DISCOURSE ON SECTION 377 The department organized a seminar on the relevance of court decision on Decriminalizing Homosexuality. Cine Actress and Activist Smt. Parvathy was the chief speaker for the occasion.



**DEPARTMENT OF
ZOOLOGY**

The zoology Association started its activities with an inaugural talk by Mr. Basil Peter, Bird watcher and CNHS recognized wild life photographer on 9 August 2018. Wild life photographs taken by the Zoology students, Amrit Krishna, Ullas Menon and Jishnu N were exhibited in the college Portico.

Wildlife week celebration in association with Wild life Trust of India and Cochin Shipyard Limited on 3rd October 2018. A half day seminar was organized commemorating wild life week

Work shop on Bee Keeping on 31st October 2018. Dr. Helmut Horn, Former senior scientist for Apiculture, University of Hohenheim, Germany was the resource person

The Department participated in the Platinum Jumboree exhibition from 16–19 January 2019 The museum was open to the public. Charts and specimens from CMFRI and CIFT were exhibited, Ecosystem Models and Charts prepared by students were exhibited. Wild life Photographs taken by Mr. Basil Peter, Dr. George Justin Mothy and Mr. Bijoy were presented. Experiencing Kerala Flood was highlight of the jamboree.

Genysys 2K19–Oikos– Department fest organized from 16 – 17th January 2018

Theme–ECOSYSTEM. Intercollegiate competitions – 12 colleges participated in different events

Division of Arachnology & Dept. of Zoology, University of Kerala jointly organized a 3–day workshop on Taxonomy of Spiders at Kerala University Campus, Kariavattom.

Zoology Department bagged **ever rolling trophy** of department fest of **S. B. College, Changanassery**. The following qualified Joint CSIR– UGC NET examination in 2017

- Ms. Krishnaveny (UGC CSIR –JRF)
- MS. Aswathy Sivaram (UGC CSIR– JRF)
- Ms. Josna Johnson (NET)
- Mr. Akshay Das (CSIR UGC – JRF)

Keerthana Santhosh of 3rd DC selected for **Youth Exchange Programme** of NCC to Russia in August 2018. Susanna Jose of 2nd DC selected for student exchange programme in Juniata college, USA . Mohammed Bilal of 3rd DC and Anjana A of 1st M.Sc. Secured many prizes in the intercollegiate quiz competition at various colleges. The research Scholars Aneesh Mathew Vargheese and Jithin Johnson of Arachnology won first and third prize respectively in the Poster competitions at Asian Conference of Arachnology, Bangkok, Thailand. Kavya N R of 2nd DC and Namrutha Ponnath of 1st Dc selected as **Golden Girls** sponsored by Malabar Gold and Times of India

Dr. M. J. Mathew, Assistant Professor attended the Asian Science Congress of Arachnology, held at Bangkok, Thailand in November, 2018. He was elected to the nine member council of Asian Society of Arachnology. Dr. Mathew M. J. gave an **Invited talk on Spiders** in Entomology Research Institute , Loyola College, Chennai in the month of February. Dr. Mathew M. J. led a group of three students to Juniata College, Huntigdon, Pensilvania, USA as a part of student exchange programme.



NSS Unit of Sacred Heart College (2018-2019)

Introduction

The National Service Scheme is a Central-sector Scheme of Government of India, implemented by the Ministry of Youth Affairs and Sports. Launched during 1969, the birth centenary year of the Father of our Nation, Mahatma Gandhi, NSS seeks to give an extended dimension to the education system to orientate the young students to selfless service towards community work. The scheme primarily aims for personality development of students through social service. The NSS Unit of Sacred Heart College, Thevara, appreciated by Mahatma Gandhi University as one of the best NSS units, provides a vast ground for preparing and training students for delivering community services. It is like a huge family for its volunteers that accommodates about 200 members. Keeping in heart the NSS motto 'Not me but you', every year NSS SH Unit carries out scores of programmes that aim at helping the society. 2018-19 was a very crucial year for NSS SH Unit which demanded much more focussed programmes. Up to a large extent, the unit has been very successful in delivering them.

Flood relief activities

No Keralite could forget the deluge of August 2018. When everything got destroyed by water, volunteers of our NSS unit came forward in relief activities. Firstly, the unit conducted surveys at Chellanam and Alappuzha in connection with Malayala Manorama Newspaper Daily for identifying people who required immediate help. The volunteers also got engaged in sorting the essential commodities donated by many people and organizations at various camps, distributing goods on the basis of requirements, carrying out cleaning works at various places in and around Aluva and Paravoor including Aduvassery. Many faculty members and students of Sacred Heart College, Thevara, were also hit by the deluge. The volunteers tried to help them too by cleaning their houses and its premises. The Udaya Colony in our neighbourhood was completely destroyed by the rains. Our NSS unit planned and implemented a lot of programmes to give the inmates of the Colony their life back. A number of NSS volunteers acquired skill for repairing electrical appliances through a programme conducted by the Unit itself. That was a crucial programme that enabled them to carry out month long initiative that aimed at repairing the electrical products at the flood hit areas of Chengamanad Panchayath.

Construction

Giving their hands for rebuilding Kerala, the volunteers of NSS SH Unit re-constructed about 14 houses at Two-cent colony in Purayar, Desam. For this project NSS Unit considered those houses that were badly affected by flood and were not supported by the government pointing out one or the other reason. During the days of the major camp, more than 100 volunteers stayed in the site and carried out the construction works. The keys of re-build houses were handed over to the eligible families during a programme conducted by NSS SH Unit at Durbal Hall Ground, Cochin on 31 December 2018. A bus waiting shelter was constructed by the volunteers of NSS SH Unit at Shantinagar, Thevara and was presented to the public by Cochin Mayor Smt. Soumini Jain. It was one of the remarkable projects done by the NSS unit during the year 2018-19 because the public commuters were expecting for a long time for such a comfortable setting for them. The NSS unit also set up a herbal garden in the college in association with Government Ayurveda College. It is well maintained by the volunteers. From construction alone, about 15 lakh worth asset was created.

Continuous Support

NSS Unit of our college is also aware of undertaking long-term projects for providing continuous support. The unit adopted wards numbered 58 and 59 of Cochin Corporation and is carrying out lot of activities including Swatch Thevara Mission and supporting each house to prepare and maintain a vegetable garden. The volunteers also provide constant support to the people at Chellanam who lost their house and livelihood after the heavy rains as part of the flood relief activities. The NSS Unit has already implemented numerous programmes at Udaya Colony, on the banks of the Perandoor Canal, Thevara including rehabilitation.

Awareness

Providing proper awareness to the public and the students on different topics have been considered to be very significant in individual and societal development by NSS SH unit. So this year alone, about a dozen more awareness sessions were conducted. These included a blood donation awareness session and blood donation camp, a session on AIDS and conducting various programmes as part of the disability week observation. A talk was also conducted to discuss the problems faced by transgenders in the present social, political and cultural scenario. An awareness programme held on organ donation turned to be great success with huge crowd.

State-level Camp – Gandhi Smriti

A three day State-level camp, 'Gandhi Smriti' was conducted by NSS SH unit in our Sacred Heart College, Thevara as part of Gandhi Jayanti celebrations. The camp was from 30th September 2018 to 2nd October 2018. A lot of students from various colleges across Kerala registered for the camp. Different competitions like extempore, painting, essay writing etc. Were conducted in which there was a huge student participation. Exhibition of life and times of Gandhiji was also held as part of the camp. It provided an enriching experience for the attendees.

Resource personalities

The NSS Unit of our college was able to do lots of works during the year 2018-19. This was mostly done by the constant support of many kind people. Cochin Mayor, Smt. Soumini Jain, eminent personalities like Rishi Raj Singh, Innocent, Manju warrior, Swami Agnivesh, Medha Patkar, Dr. M. Leelavathi and a lot more personalities helped, supported and guided us by taking part in various sessions organized by NSS SH Unit.

Members: 200

Asset Created: 15 Lakh Houses Reconstruction, Bus waiting shelter, Herbal Garden.





Deputy Commissioner Rishi Raj Singh arriving to participate in the capacity building workshop for differently-abled observance by the NSS unit of St College in Kachi on Friday.



NAVAL WING ANNUAL REPORT

2018-19

NCC naval wing began its activities in the 2nd week of July, enrolling 22 cadets under the guidance of Lt. Cdr. Dr. Siby Mathew. We inculcate a sense of discipline and leadership among cadets. Besides training cadets in naval service subjects, we give emphasis on personality development by conducting group discussions, quiz, snap talks and 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 modelling, communication, boat pulling and sailing. Training helps them to develop character, comradeship and to adapt themselves in any spheres of life.

Cadet Captain Keerthana Santhosh attended the Youth Exchange Programme held at Perm, Russia from 18 August to 1 September 2018. Cadet Annmaria, Cdt Athul Thejus, Cdt Rajiv Bhukal, Cdt Jeri Jose, Cdt Santhipriya D Shenoy participated in the All Kerala RD Inter group competitions held at Aluva UC college. On 26th January 2019 Cadet Rajiv Bhukal and Cadet Santhipriya D Shenoy were a part of Republic day parade held at Delhi, representing NCC Naval wing Kerala and Lakshadweep Directorate. Cdt Rajiv was a part of All India Guard and Cdt Santhipriya was a part of All India Rajpath. At the same time Cadet Jeri Jose attended the SNIC Delhi and was part of the PM Rally. Cadet Athul Mathew and Cadet Akhil Prasad were selected for All India Nau Sainik Camp representing Kerala and Lakshadweep which was held at Karwar. Cadet Vishnu Chandrashekharan was part of the EBSB at Alappuzha Purakkad from 22nd Dec to 2nd January. Petty Officer Cadet Sandra Jimmy participated in the EBSB from 17th Dec to 28th Dec held at Aurangabad, Maharashtra.

Fourteen cadets attended Annual Training Camp at Lakshadweep from 9th Dec to 16th Dec 2018. Eleven cadets attended Annual Training camp at Perumanoor from 21st Dec to 30th Dec 2018. There was a grand sailing expedition from 15th October 2018 which was flag offed by CSO training from seamanship school jetty. It started from Kochi and sailed through Alappuzha to reach Kollam in 10 days. Out of the total 54 cadets 8 were from our college.

Paradigm Program

NCC Naval Wing of Sacred Hearts College, Thevara and 7(K) Naval Wing Ernakulum have jointly organized a program PARADIGM on 2nd October 2018 at 9.30 M.

This year the program was inaugurated by Cine artist Srinda Arhaan. Fr. Prasant Palackappillil CMI, Principal SH College, Thevara presided over the meeting. Associate NCC Officer Lt. Cdr. Dr. Siby Mathew and all others at old age home gave full support for the efficient and regular conduct of the programme.

During the program there was a lot of sharing between the cadets and inmates. Entertainment programmes by both inmates and cadets were really refreshing. Donations sponsored by 7(K) Naval NCC Ernakulum and food were given during the function. Cadets will be made available during the year for cleaning the area and will extend their help in digging waste pits, cleaning the area etc.

As a part of Swatch Baharat Abhiyan we had various rallies and cleaning activities conducted throughout the year. We also had rally conducted on world Environment day along with Army and Air force. We also participated in various marathons all throughout the year.



NCC AIR WING REPORT FOR THE YEAR 2018-19

In PRE IGC RDC two of our NCC Air Wing Cadets Cdt N Jishnu and Cdt Pranav Shankar took part. World Yoga Day and Environmental Day rally was organised by the unit. A total of 12 cadets got selected and participated in Pre VSC cum IGC held at Trivandrum. Cadets of NCC Air Wing were volunteers at various flood relief camps. Four Air Wing cadets got selected VSC Launch camp and three of our Air Wing Cadets Cdt Serin Johnson, Cdt Staicy K T and Cdt Nimisha Mathew got selected for All India Vayu Sainik Camp held at Jodpur, Rajasthan. Air Wing cadets Cdt N Jishnu and Cdt Pranav Shankar represented Ernakulam group in IGC RDC Camp held at UC College, Aluva. The NCC Air Wing Cadets accorded Guard of Honour to Air Marshal Suresh B, Chief of the Southern Air Command. Our Air Wing Cadets actively volunteered for the Spice Coast Marathon held at Port Trust, Cochin. Cadet Corporal Ryne Pereira represented Kerala and Lakshadweep Directorate at Ek Bharat Shreshth Bharat Purakkad. Cdt N Jishnu represented Kerala and Lakshadweep Directorate and took part in PM Rally as a part of SNIC RDC Delhi conducted in F J Cariappa Ground New Delhi. Air Wing Cadets were volunteers in the just concluded Vimukthi marathon held at Cochin



Jesus Youth Annual Report

Jesus Youth volunteers were actively involved in the Inauguration of the Academic year “Hridyarambham” by giving leadership for the holy mass at the monastery chapel and The inaugural function at the auditorium thereafter. First Friday holy mass and first Thursday confession was held under the initiative of Jesus youth. Every Tuesday the members gather at the monastery chapel for prayer meetings. Two day camp for the first years “Harvest 2018” was held on August 3-4 in which 106 students actively participated. An Independence Day celebration for the destitutes of Ernakulam city was conducted on 15th of August at Marian Hall. On the same day afternoon 30 students visited Ernakulam Sub Jail and conducted cultural programs for the inmates. A Christmas get together of “ThanalMaram” – “ChristmasSnehasamgamam -2018” was held on 19thDecember evening during which Christmas gifts were exchanged to around 120 homeless people of the city. A three day camp “Soulstice 2018” was organized on November 23-25 at the college auditorium participated by 110 students. Student volunteers visit the general hospital Ernakulam on Saturdays and support the charity activities done for the destitute ward and cancer ward. Visit to the orphanage for disabled girls at Konthuruthy is done on a regular basis. Every Wednesday morning 8.30 to 9.20 a meeting titled “Thanalmaram” is held in front of the monastery chapel for the poor people of the city. Student volunteers visit the Sacred Heart High School adjacent to the college and help the needy students with tuition.



The Music Club Report (2017-18)

The Music Club of the College with 150-odd members had an eventful year with many accolades, memorable recognition coming its way. **Noel Prince** (II B.Com.) and **Joanna Elvis**(II B.Com) served as club secretaries during the year.

The M.G.University Youth Festival –**Asantham, 2018**– witnessed its star talents winning laurels for the college, and contributing significantly to the overall championship of our college in the university. Our team secured secondprize in Group Song (Eastern) and Group Song (Western). Other illustrious winners are.

- 1. Yadhu Krishnan (III B.Com)
 - 2. RoopeshInduchoodan (II M.Com)
 - 3. PoornasreeHaridas (II B.Com)
 - 4. PoornasreeHaridas (II B.Com)
 - 5. Agnes Maliekkal (III B.A)
 - 6. Steve Kottoor (I B.Com)
 - 7. BhanuUllas (III B.A Eng.)
 -
- 1st Prize (Light Music)
 - 1st Prize (Carnatic music)
 - 1st Prize (Light music)
 - 1st Prize (Carnatic music)
 - 1st Prize (Western solo)
 - IInd Prize (Wind – western)
 - 1st Prize (String – Eastern)

Group Song (Eastern) – 1st Prize – Team members.

- 1. SouparnikaAnilkumar
- 2. PoornasreeHaridas
- 3. Theresa George
- 4. BhanuUllas
- 5. Yadhu Krishnan
- 6. RoopeshInduchoodan
- 7. Njanadath Praveen
- 8. Afhul
- 9. Steve Kottoor

Group (Western) – 1st Prize – Team members.

- 1. Samuel James
- 2. Joanna Elvis
- 3. Agnes Maliekkal
- 4. Donna Achamma
- 5. Noel Prince
- 6. Olivia Anna
- 7. Bejoy Sebastian
- 8. Steve Kottoor

Inter University Winner.

- 1. PoornasreeHaridas (South Zone, II Prize, Carnatic Music)



Annual Report of the Primrose Nature Club

Primrose nature club of our college is offering the young minds to know and feel the nature and to enjoy the nature. It helps them to be more aware about the nature and its importance in our life. Most of the programs that we had conducted were to explore the wonders of the nature and this invoked the young minds.

- The preparation and distribution of '*Karkidagakanji*' among students. The planting of '*Desapushpam*' (ten selected flowering plants) along with chart exhibition depicting traditional medicines and knowledge. We had conducted it on 1-08-2018 in the college portico and father principal inaugurated the program.
- Planting of 75 trees: In connection with our platinum jubilee celebrations, the nature club has initiated to plant 75 indigenous or endemic trees in the campus. So far we have planted five trees (Neermathalam, Cembadak, Ooth, Moottippuli, Punna) and the rest of the saplings are under custody.
- On 28th Novemer 2018, in collaboration with Bhoomithrasena club of our college, we have established a vegetable garden near to the lake view ground. Fr. Principle has inaugurated the programme.
- Conducted a hands-on training session on modern garden techniques by Mr. Vishal Satheesh and Mr. Peter Varghese (III DC Botany Sudents) on 13th October 2018.



Activities of the Youth Red Cross Unit.

Inauguration of Red Cross Unit and Road Safety Awareness Day.

Youth Red Cross activities of the college for the academic year was officially inaugurated by the Principal, Fr. Prasant Palakkappillil on 4th Jan 2019. Programme officer Dr. Pius Augustine welcomed the gathering. As part of the inauguration, a road safety awareness day was arranged in collaboration with a non profit organization named First Aid. It was supported by Kerala Police Kochi city and Motor Vehicle Department, Ernakulam Division. The theme of the programme was “ No more victims on the road”. A photo exhibition of the road accidents were put up and a talk on Road Safety was delivered by the Motor Vehicle Inspector Mr. Bijumon S. P. All the bikers of the college were encouraged to attend the talk.

Kuwait War Photo Exhibition –As part of Platinum Jubilee Celebrations of the college, Youth Red Cross organized a Photo Exhibition of Kuwait War along the college verandah from 16th Jan to 19th Jan, 2019. It was a unique collection of around 5000 photographs by Mr. Augustin Jerald, a retired Police officer from UAE Police department.

Heartian Bike Rally (Green and Peace Rally) –A peace rally (bike rally) was organized on 18th Jan 2019. Around 50 bikers of the college participated and the event was inaugurated and Flagged off by the Honourable Mayor of Kochi City Smt. Soumini Jain. The event was organized with a theme “live in peace, not in pieces”. Rally tried to project the message Green and Peace. The rally visited 8 colleges in the city and handed over a lilly as a symbol of peace to respective principals of the college. Principal, Fr. Prasanth Palakkappillil gave peace message and the rally was led by the Programme officer Dr. Pius Augustine. Rally was sponsored by VTJ Suzuki, Kundannoor. Participants were given certificates. Heartian Peace rally is available on the Youtube. <https://youtu.be/uOeET5ryRQ0>

Red Energy one day seminar –Youth Red Cross division, Ernakulam district organized a one day seminar for the students of colleges in the Ernakulam district at Sacred Heart College on 25th January 2019. Around 147 Red Cross Volunteers from 16 colleges participated. Major events in the seminar were i) Motivation class by Mr. Joby Thomas ii) A talk on Civic culture by Dr. Haroon of Medical Trust Hospital, Ernakulam, iii) A quiz competition, which was announced earlier. Of the 15 teams participated in the Quiz competition, team from Sacred Heart College, Thevara got first position and St. Therasas College, Ernakulam secured second position. Deputy director of collegiate Education, Ernakulam, Dr. P.S. Ajita gave away certificates and trophies in the concluding ceremony, which was presided by the vice principal of Sacred Heart College, Fr. Jose John, CMI. Dr.Pius Augustine, Programme officer welcomed the gathering.





INDIAN RED CROSS SOCIETY
YOUTH RED CROSS
SACRED HEART COLLEGE
THE VARA

KUWAIT WAR PHOTO EXHIBITION

VTJ SUZUKI
SUZUKI
SUZUKI

A group of people, including a woman in a white t-shirt and a man in a patterned shirt, are gathered around a table. They appear to be engaged in a discussion or activity.

Speakers Forum Report



Speakers' Forum under the leadership of Dr. Abi T G, Prof Sanjose and team, organized the prestigious *Sargapatham 2019* on 15 – 19th January. The literary pentathlon started with with symposium on “Faith vs Reason in the contemporary Kerala context. Dr.Sunil P Ilayidom,Rev.Dr.PaulTheLakkattwere the invited speakers. Shri JohnyLukose was the moderator. Students from 21 colleges contested in 5 literary events. Sacred Heart College Thevarasecured over all championship and Mar IvaniosCollege ,Thiruvananthapuram secured the runner up position. A Grand Mega Open Forum was conducted by the Speakers Forum in collaboration with Swasti on 5th October with the key theme on 3 major court verdicts including the Historic Verdict on Sabarimala and the Outlawing of Sec 377.Dr.Sibi Abraham,Dr.Abi TG, Vishnu Raj and James V George were the chief speakers.

On a regular and unfailing basis Speakers Forum organizes Open Forum on issues of contemporary relevance once in every week. The new Basketball court and its premises were effectually utilized for the forum ensuring maximum student participation. This Session has received wide popularity and attention amongst Faculty and the Student Community. Speakers Forum also organized an Interdepartmental Magazine Competition involving all departments of the college to promote and boost the literary spirit of the student community and to nurture interdepartmental harmony and understanding.Members of the speakers forum is regularly participating in intercollegiate / inter university elocution/debate competitions organized by various institutes across Kerala and winning prizes. Achievements of Kiran M Dharan, Levin T Thomas and Amal George are outstanding.In lieu with the prestigious ‘Chavara All Kerala Speech Competition’ Speakers forum collaborated and conducted the District level speech competition to select the winners for the next round of competitions.Regional Debate of Principal’s Council was held at our college on 28 January 2019 under the Aegis of Speakers Forum.



Annual Report- Tourism Club



Tourism club of our college is a place for anyone who loves to travel, explore and built their curiosity; a platform to share their travel stories. The club has 40 members from various departments. The club conducted an exhibition on the topic "Tourism Products of Kerala" in connection with World Tourism Day on September 27th 2018. Heritage Week was inaugurated with a cycle rally by the club members. The main theme of the rally was ' Clean environment for a safe future'. It was conducted on November 20th 2018. The rally covered a distance of 12 km passing through Naval Base and Willington Island. A total of 15 students participated in the rally. The cultural programmes were inaugurated by Rev. Father Prasanth Palakkapillil on November 22nd 2018. The cultural programmes were started with Mohiniyattom, followed by classical music concert and Thiruvathira. Third day, November 23rd 2018, witnessed the musical concert and the vibrant fashion show conducted by the students depicting the attire of various states of India. This was followed by Food Fest with delicacies from across the country. This marked the end of 'Heritage Week'. On December 5th 2018, Tourism club organized an interactive session with the students who were part of the Student Exchange Programme with Juniata College, Pennsylvania, USA. The Annual Tour of the Tourism Club is scheduled on 8th and 9th of March 2019 to Kanthaloor, in the district of Idukki.

Environment day



Gandhi Jayanthi





SH

SACRED
HEART
COLLEGE
Autonomous



COR RECTUM INQUIRIT SCIENTIAM

A RIGHTEOUS HEART SEEKS AFTER WISDOM

