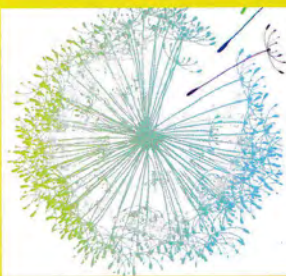




SACRED  
HEART  
COLLEGE  
Autonomous



# IQAC ANNUAL REPORT 2017-2018



2017  
INTERNATIONAL YEAR  
OF SUSTAINABLE TOURISM  
FOR DEVELOPMENT

**INTERNAL QUALITY ASSURANCE CELL  
SACRED HEART COLLEGE (AUTONOMOUS)  
THEVARA, KOCHI - 682013**

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## **INTERNAL QUALITY ASSURANCE CELL (IQAC)**

### **Vision Statement**

*The Internal Quality Assurance Cell (IQAC) of Sacred Heart College, Thevara addresses and monitors the quality parameters of the college and ensures that the standards of excellence reflected in the vision and mission of the college are met and sustained.*

### **Mission Statement**

*To ensure and sustain quality, integrity and output.*

*Cultivate, enhance and disseminate knowledge by facilitating the required resources in time to excel in academic and professional pursuits.*

### **Objectives and Functions of IQAC**

- *Coordinate quality-related activities by developing an organized methodology of documentation and internal communication.*
- *Integrating the activities of the College to ensure adoption and dissemination of good practices.*
- *Spearheading the conduct of internal and external Academic Audits of departments to promote quality, accountability and transparency.*
- *Creating and maintaining a system of feedback on processes and policies of the College from stakeholders.*
- *Initiating and coordinating the process of restructuring the syllabus to create a progressive curriculum that is in tune with the demands of the time.*
- *Preparing the Annual Quality Assurance Report (AQAR) as per NAAC guidelines.*



## IQAC 2017-2018

PRINCIPAL



Rev. Dr. Johnson X Palackappillil CMI

CO-ORDINATOR



Dr. Joseph T Moolayil

JOINT CO-ORDINATOR



Dr. K. M. Johnson

COONVENER



Dr. Jeenu Kurien

Rev. Dr. Johnson X Palackappillil CMI, Principal

Rev. Dr. Jose John Thuravackal CMI, Vice-Principal

Dr. Joseph T Moolayil, IQAC Co-ordinator

Dr. K. M. Johnson, IQAC Joint Co-ordinator

Dr. Jeenu Kurien, IQAC Convener

Mr. Benny Varghese, Department of Sociology

Dr. Giby Kuriakose, Department of Botany

Dr. Joseph George, Department of Commerce

Dr. Mathew George, Department of Physics

Dr. Mathew Jose K, Department of Commerce

Ms. Ragaam P. M., Department of Zoology

Dr. Rajesh M., Department of English

Dr. Ramakrishnan S., Department of Chemistry

Mrs. Regitha M. R., Department of Computer Science

Dr. Sebastian V. S., Department of Chemistry

Ms. Shanthi Mathai, SH School of Communications

Dr. Siby Zacharias, Department of Economics

Mr. Biju V. V. , Librarian

Mr. Sreejith M. G., IQAC Program Officer

Mr. Harikrishnan J, College Student's Union Chairman



| <b>ANNUAL REPORT HIGHLIGHTS</b>   |                 |
|---|-----------------|
| UG Programmes   | 14              |
| PG Programmes   | 14              |
| Ph.D. Programmes  | 06              |
| UG Students   | 1981            |
| PG Students   | 397             |
| Ph.D. Scholars  | 58              |
| Teaching Staff  | 135             |
| Non-teaching Staff  | 55              |
| Teaching Staff with Ph.D.   | 47              |
| <b>STUDENT PROGRESSION</b>  |                 |
| Students qualified competitive exams like NET/GATE  | 21              |
| Students got placement  | 47              |
| <b>FACULTY PUBLICATIONS</b>   |                 |
| Publications in National and International Journals   | 28              |
| Books Published   | 14              |
| <b>FACULTY PARTICIPATION IN CONFERENCES AND SYMPOSIA</b>                                      |                 |
| Faculty Attended Seminars and Workshops   | 66              |
| <b>FACULTY PARTICIPATION IN REFRESHER COURSES, ORIENTATION COURSES AND SHORT-TERM COURSES</b> |                 |
| Refresher Courses   | 05              |
| Orientation courses   | 13              |
| Faculty Development Programmes  | 48              |
| <b>FACULTY RESEARCH PROJECTS AWARDED</b>  |                 |
| Major   | 2               |
| Minor   | 2               |
| <b>IQAC QUALITY INITIATIVES</b>   |                 |
| Induction Programme for Newly recruited Teachers  | 03-10 July 2017 |
| Orientation Programme for UG Students   | 20 June 2017    |
| Orientation Programme for PG Students   | 04 July 2017    |
| Number of training programmes organized for teaching and non-teaching staff                   | 13              |
| Submission of AQAR Report for 2017-2018   | 01 April 2018   |



**NIRF RANKING - 2018**

**RANK - 41**

Government of India  
Ministry of Human Resource Development

**nirf**

**India Rankings 2018**  
(National Institutional Ranking Framework)

Sacred Heart College, Ernakulam

ranked **41** in **College** Category

*Chairman*  
CHAIRMAN, NBA

*Member Secretary*  
MEMBER SECRETARY, NBA

**INDIA TODAY & THE WEEK NATIONAL LEVEL RANKINGS**



**Arts - 27**  
**Science - 25**  
**Commerce - 26**



**Arts - 40**  
**Science - 24**  
**Commerce - 27**



## PROGRAMMES ORGANIZED BY THE DEPARTMENTS

- The Department of Botany, under the leadership of Botany Association organized a spectacular exhibition - "Cornucopia" on 30th January, 2018, in which handmade products, indigenous food items, vegetable seedlings, flowers, medicinal plants, mushroom cultivation were exhibited.
- Department of Physics along with Indian Institute of Science Education and Research (IISER), Pune and the British Council organized four-day Research-Based Pedagogy Training (RBPT) workshop for graduate and postgraduate science teachers across India from 11<sup>th</sup> to 14<sup>th</sup> October 2017. The workshop was completely funded by IISER Pune, MHRD, DBT and British Council.
- All the departments of our college have organized vibrant programs like Flora Fest, Chemifest, Fruitepedia, Zero Day, Fusion, Zoofest, Thandav, Boom etc. with full involvement of faculty and students promoting overall student development.
- Department of Sociology conducted a seminar on "Sociology of Divorce". Fr. Abraham Kallarackal memorial seminar was also conducted.
- The PG Department of Sociology had organized a seminar on Gender relations on 5<sup>th</sup> January with special emphasis on 'The Male Perspective on Gender identity'.
- Department of Economics organized Fr. Zacharias Payikat Endowment lecture on the 'Impact of Demonetization on Economic Growth with Special Reference to Kerala'. The department also organized a talk on "Goods and Services Tax: How it works and what is its Impact on Indian Economy".
- First and Second MSc Students of Environmental Science participated in the Human Chain in Mangalavanam, Kochi on 5<sup>th</sup> & 16<sup>th</sup> of August, 2017 and a meeting against felling of 182 trees for the development of the Southern Railway.
- The Department of English offered a Certificate Course in Business English. Three students from Japan registered for the program and all three completed the program successfully. The classes were conducted with the help of student tutors under the mentorship of Sri. Bijo N. Mathew.
- The Department of English has launched another academic seminar in memory of its former member, late Ms. Subhi Treesa. This year's seminar was on the theme 'Post-feminism and the

Impure Politics of Resistance'. All the clubs organized many programs benefiting the student community.

- INSPIRE- Inspire Camp was held from Jan 9<sup>th</sup> - 13<sup>th</sup> 2018. Over 200 high-school students participated in the Internship Camp. Tourism Club activities started with a visit to the Home of Destitutes at Perumanoor on 6<sup>th</sup> July 2017. Students interacted with the members and also conducted cultural activities. A total of 65 students participated in the program.
- In connection with World Ozone Day, Sacred Heart College, Thevara in collaboration with Kerala State Council for Science, Technology and Environment (KSCSTE) organized various programs which include poster making competition, quiz competition, signature campaign, public rally etc. on 25<sup>th</sup> and 26<sup>th</sup> of September 2017.
- Bhoomitra Sena Club, SH College, organized a class on paper bag making at the food chemistry lab on 21<sup>st</sup> December 2017. In connection with world wetlands day, Bhoomithrasena club and EVS department organized a seminar and poster competition in Feb 2018.
- Speakers' Forum under the leadership of Dr. Abi T G and team, organized the prestigious *Sargapatham 2K17* on 26<sup>th</sup> and 27<sup>th</sup> September 2017.
- Under the leadership of SADAS, this year the Students Awareness Program (SAP) was conducted in association with Malayala Manorama's Balajanasakhyam in which students took classes in schools in and around Ernakulam.
- The quiz club members frequently participated in quizzes across the state and brought laurels to the college. Notable win include the team comprising of Ajin Babu, Bejoy Sebastian and Siddharth PK. They secured the First Prize at the General Quiz held at Naipunnya International Academy, Renewal Center, Kaloor on 20<sup>th</sup> January 2018. In August 2017,
- SWASTI under the sponsorship of Eastern group organized a one hour interactive session with the celebrity entrepreneur Poornima Indrajith.
- On 30<sup>th</sup> November, SWASTI in coordination with the Sustainable Menstruation Kerala Collective & Red cycle, conducted an awareness event - AARTHAVAYAANAM - on promoting sustainable menstruation.
- FIRST-AID AWARENESS was an event initiated by SWASTI and NSS. A PowerPoint presentation



educating the students on important first-aid techniques was organised by the doctors from Lakeshore hospital and Rotary club volunteers.

- Sample Survey and Analysis Wing (SAW) conducted a workshop on Statistical analysis using Excel & R for BSc computer applications students on 5th January 2018. National statistics day was observed on 29<sup>th</sup> June 2017.
- In collaboration with CNRM, Primrose nature club organized inter-college seminar, quiz competition and poster designing competition in connection during the world wild life week celebration on 6<sup>th</sup> October.
- Dance club conducted an inter-department Dance competition.
- AICUF organized a tribal exposure camp at Attapaadi. The students were able to know more about the lives of the different tribes and the problems that they face.
- The club also supplied around 40 bottles of blood this year to the nearby hospitals on request.

### STUDENTS' ACHIEVEMENT

- It was a proud moment for the college to secure 2<sup>nd</sup> position in MG university youth festival (2016 - 17). Congrats to all participants, volunteers and teachers behind the scene.
- SH students won top prizes in the programmes conducted by IIM Kozhikode, NIT Trichy, ISAT Kalamasery, Bharath Matha as well as St. Teresas college Ernakulam and bagged the overall champion in the youth meet conducted by Marian College.
- Ms. Anitta John and Ms. Athira C.U. of Botany department have cleared NET-JRF. Two students cleared GATE and three others were awarded with KSCSTE scholarships. Mr. Jithin of Botany department was awarded Ph.D.
- The following students of the Department of Commerce have cleared the National Eligibility Test and few of them have secured junior research fellowship (JRF). Athul Kuriakose, Neema Mary (2<sup>nd</sup> M.Com) and Blessy Babu (1<sup>st</sup> M.Com) made it to the JRF holders list and Aswini (2<sup>nd</sup> M.Com), Tittu Elizabeth Biju and Merlin Ann George of M.Phil have cleared NET. The department's team has won the 1<sup>st</sup> prize for its stall UMANG (unfolding means attaining newer greens) at Albertian International students expo 2018 held at St. Albert's college Ernakulam.
- Merin Jose and Vrinda Narayanan P from the Department of Physics cleared National level exams. Both are doing their Ph.D at IIT Madras and IISER Pune respectively. Gayathree M Vinodh of Physics department cleared the JAM exam. At present she is doing her integrated M.Sc PhD at IISER Trivandrum. Ajin Joy of same department cleared JAM exam and is doing his M.Sc at NIT Jaipur.
- Two students of department of Zoology cleared JRF.



## FACULTY ACHIEVEMENTS

- Faculty members have acted as resource persons in various scientific and technical committees and workshops.
- Dr. Giby was awarded with 'Paristhithi Sahithya Puraskaram' constituted by Sahyadri Natural History Society, Thiruvananthapuram for the book '*Vismruthiyilakunna Vrikshangal*'.
- Dr. Mathew Jose K. secured the DEWANG MEHTA National Educational Award for best Professor in commerce during this academic year.
- The guideship of Dr. Joseph George and Dr. Remya Ramachandran was approved by M.G. University.
- Fr. Tomy Palatty is attending a one-month orientation program at Ranchi from 5<sup>th</sup> February 2018 onwards.
- Dr. T.P. Thomas was elected as chairman of Cochin Stock Brokers Ltd – a leading public Ltd. Company in Ernakulam.
- Mr. Jeet Kurian Mattam and Mr. Sunil K.V attended orientation program in Kerala University, Trivandrum.
- Dr. Sumod S.G of the Department of Physics received 'Kerala State Young Scientist Award-2017'. He also set up a new research lab in the Department in collaboration with ISRO through a research grant of Rs. 30 Lakhs.
- Dr. Pius Augustine, Department of Physics received Best Poster presentation award in the 9<sup>th</sup> International Conference on Materials for Advanced Technologies (ICMAT 2017) held at Singapore.
- Ms. Raagam P M, Department of Zoology, attended Refresher Course at CIFT.

## EXTENSION & OUTREACH

- Heartian Harvest, our Bio-market, was a big success in its second year too. Our college took initiative in cultivating vegetables in one cent area. Tomatoes, lady's finger, brinjal, chilly etc. were cultivated jointly by nature club and final year botany students.
- A one-day organic fair was conducted.
- Seven community medical camps were arranged as part of service learning. The Fort Kochi beach was cleaned.
- On the occasion of National Energy Conservation day on 14<sup>th</sup> December, a rally was conducted to spread the message of energy conservation. Two awareness lectures (one at Pandit Karuppan Hall, Thevara and the other at Snehatheeram Resident's Association) concerning energy efficiency were given by Dr. Mathew George under the Urjakiran program by Kerala State Government.
- The 3<sup>rd</sup> year UG students of Sociology department visited St. Thomas Home for Destitute, Perumanoor on 18<sup>th</sup> June 2017. The students did manual labor such as cleaning the home. Students also volunteered the Eye Camp conducted by the same organization on 23<sup>rd</sup> June 2017.
- The 1st year UG students, as a part of their Social Outreach program, conducted a visit to the Government Home for Destitute at Thevara Ferry on 17<sup>th</sup> December 2017.
- As part of Extension activity of Economics department, Faculty and students of the department visited RAKSHA Centre – a Vocational Rehabilitation Centre for mentally challenged (supported by Tata Social Welfare Trust Mumbai) on 19<sup>th</sup> January.



**FACULTY PUBLICATIONS 2017-2018**

| Sl. No. | Title of paper  | Name of the author/s   | Name of journal   | Year of publication | ISSN number |
|---------|---|--|---|---------------------|-------------|
| 1       | Against the Rising Tide: Climate Change and Post-Capitalism in Kim Stanley Robinson's New York 2140   | Aravind R Nair   | <i>GNOSIS: An International Refereed Journal of English Language and Literature</i> | 2018                | 2394 - 0131 |
| 2       | Between Two Worlds: Anglo-Indian Stereotypes And Malayalam Cinema   | Dr. Rajesh James   | <i>International Journal of Anglo Indian Studies</i>                                | 2018                | 1327 - 1652 |
| 3       | Mapping the Margins: Interview with Meena Kandaswamy  | Dr. Rajesh James   | <i>ARIEL</i>  | 2018                | 1920 - 1222 |
| 4       | A new species of and a new transfer from the millipede genus Polydrepanum Carl, 1932 (Polydesmida, Paradoxosomatidae, Polydrepanini)                        | Sankaran, PM;<br><b>Sebastian, PA</b>  | <i>Zootaxa</i>  | 2018                | 1175 - 5326 |
| 5       | A new species of the jumping spider genus Icius Simon, 1876 from India (Aranei: Salticidae: Chrysillini).   | Dhruv A. Prajapati,<br><b>Jobi J. Malamel,</b><br>Ambalaparmbil V.<br>Sudhikumar, Pothalil<br>A. Sebastian             | <i>Arthropoda Selecta</i>   | 2018                | 1360 - 06X  |
| 6       | A new synonym in the subfamily Thrigmopoeinae Pocock, 1900 (Araneae, Theraphosidae)   | Sankaran, PM;<br>Sebastian, PA   | <i>ZooKeys</i>  | 2018                | 1313 - 2989 |
| 7       | A review of the wasp mimicking spider genus Coenoptychus Simon, 1885 (Araneae: Corinnidae: Castianeirinae).   | Jimmy Paul, Pradeep<br>M. Sankaran, <b>Pothalil<br/>A. Sebastian,</b> Mathew<br>M.J.                                   | <i>Zootaxa</i>  | 2018                | 1175 - 5334 |
| 8       | First record of Africactenus Hyatt, 1954 and redescriptions of two poorly known species of Ctenus Walckenaer, 1805 (Araneae, Ctenidae, Cteninae) from India | Sankaran, PM;<br><b>Sebastian, PA</b>  | <i>Zootaxa</i>  | 2018                | 1175- 5326  |
| 9       | First record of the spider genus Wolongia Zhu, Kim Song, 1997 from India with the description of a new species (Araneae, Tetragnathidae).                   | <b>Jobi J. Malamel,</b><br>Karunnappilli<br>Shamsudheen Nafin,<br>Pradeep M. Sankaran,<br><b>Pothalil A. Sebastian</b> | <i>Zootaxa</i>  | 2018                | 1175- 5334  |



**FACULTY PUBLICATIONS 2017-2018**

| Sl. No. | Title of paper  | Name of the author/s   | Name of journal                                      | Year of publication | ISSN number  |
|---------|---|--|--|---------------------|--------------|
| 10      | First report of mating plug formation in <i>Argyrodes flavascens</i> O. Pickard Cambridge 1880 (Araneae: Theridiidae)   | <b>Jobi J. Malamel</b> , Pothalil A. Sebastian                               | <i>Rivista Arachnologica Italiana</i>                | 2018                | 2421 - 2091  |
| 11      | New species of gnaphosid spiders (Araneae: Gnaphosidae) from the Western Ghats of India   | Pradeep M. Sankaran, <b>Pothalil A. Sebastian</b>                            | <i>Journal of Natural History</i>                    | 2018                | 222-933      |
| 12      | On the taxonomic status of <i>Leucauge granulata</i> (Walckenaer, 1841); <i>Leucauge argentata</i> (Cambridge, 1869), <i>Leucauge bengalensis</i> Gravely, 1921, and <i>Leucauge tuberculata</i> Wang, 1991: A case of synonymy (Araneae: Tetragnathidae) | <b>Malamel J.J.</b> , Sebastian P.A.   | <i>Journal of Asia-Pacific Biodiversity</i>          | 2018                | 2287 - 884X  |
| 13      | <i>Phonognatha vicitra</i> Sherriffs, 1928-a taxonomic misidentification of the orb-weaving spider <i>Acusilas coccineus</i> Simon, 1895 (Araneae, Araneidae).  | Pradeep M. Sankaran, <b>Pothalil A. Sebastian</b>                            | <i>Zootaxa</i>                                       | 2018                | 1175 - 5334  |
| 14      | Predatory efficacy of dominant spiders on insect pests in Kuttanad rice agro-ecosystem, Kerala, India   | <b>Jobi J. Malamel</b> , A.V. Sudhikumar, Pothalil A. Sebastian              | <i>Rivista Arachnologica Italiana</i>                | 2018                | 2421 - 2091  |
| 15      | Redescription of <i>Castianeira zetes</i> Simon, 1897 (Araneae, Corinnidae, Castianeirinae)   | Pradeep M. Sankaran, <b>Jobi J. Malamel</b> , Mathew M. J. & P. A. Sebastian | <i>Zootaxa</i>                                       | 2018                | 1175 - 5334  |
| 16      | Influence of Change in Floral Traits on Behaviour of Flower Visitors and Rate of Visitation.  | Sreedevi, C S and <b>Giby Kuriakose</b>                                      | <i>Heartian journal of pure and applied sciences</i> | 2017                | 2277 - 1662. |
| 17      | Protonated N-alkyl-2-nitroanilines undergo intramolecular oxidation of the alkyl chain upon collisional activation  | Paulose, J; <b>Cyriac, J</b> ; Mathai, G; Giblin, D; Gross, ML               | <i>Int. J. Mass Spectrom.</i>                        | 2017                | 1387 - 3806  |
| 18      | Charge Transfer Transition: Investigation of the Effect of Solvents on Electronic Spectra of N-Alkyl/N-Alkylphenyl Derivatives of p-Nitroaniline  | P. L. Maria Linsha, Rasmi Karamel, S. Ramakrishnan, <b>M. George</b>         | <i>Chemical Sci. Transactions.</i>                   | 2017                | 2278 - 3318  |
| 19      | Identifying Government's Role towards Developing Sustainable Strategies in Tourism Industry.  | <b>Radhika, PC</b> ; Johnson, J  | <i>Pac. Bus. Rev. Int.</i>                           | 2017                | 0974-438X    |



**FACULTY PUBLICATIONS 2017-2018**

| Sl. No. | Title of paper   | Name of the author/s                      | Name of journal   | Year of publication | ISSN number       |
|---------|--|---|---|---------------------|-------------------|
| 20      | Incorporating Homomorphic Encryption with Hybrid Numerical Authentication for Blind Computer Users                           | Shailesh, S; Ilyas, HM                    | IEEE  | 2017                | 978-1-5090-6106-8 |
| 21      | Optimization of Handoff Delay and Location Prediction of Mobile Station using GPS Integrated SIM Module in Cellular Networks | Regitha, MR; Sivan, S; Antony, N; Paul, V | IEEE  | 2017                | 978-1-5090-6106-8 |
| 22      | Identifying Government's Role towards Developing Sustainable Strategies in Tourism Industry                                  | Dr. Radhika P. C.                         | Pacific Business International  | 2017                | 0974-438X         |
| 23      | Structural Equation Modelling of Role of government in sustainable development of tourism-A study in resident's Perspective  | Dr. Radhika P. C.                         | Indian Journal of Commerce and Management Studies   | 2017                | 2249-0310         |
| 24      | Eco Tourism initiatives in Kerala-A Study with Special reference to Thekkady   | Dr. Radhika P. C.                         | International Journal of Management and Social Science Research Review                        | 2017                | 2349-6746         |
| 25      | Investment in Gold and Real Estate – A Study of Investor Preference in Kerala  | Abraham, S. & Kumar, A.                   | Published in International Journal of Management and Social Science Research Review (IJMSRR), | 2017                | 2349-6738,        |
| 26      | Quality Issues in Sea Food Exports to South Africa,  | Raju K V and Ancy V P                     | Ingredients South Asia, January 16-31.  | 2017                |                   |
| 27      | Casting caste dalit identity, Papilio Buddha, and Malayalam cinema   | Venkatesan S., James R.                   | Economic and Political Weekly   | 2017                | 2349-8846         |
| 28      | Deterministic Electron Spin  | K.V. Didimos                              | Annales de la Fondation   | 2017                | 2E+06             |



**FACULTY PUBLICATIONS 2017-2018**

| Sl. No. | Title of paper  | Name of the author/s  | Name of journal                                  | Year of publication | ISSN number |
|---------|---|---|--|---------------------|-------------|
|         |   |   | <i>Louis de Broglie</i>                          |                     |             |
| 29      | Stabilization heat treatment and functional response of 0.65[Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> ]-0.35[PbTiO <sub>3</sub> ] ceramics     | <b>Pius Augustine</b> ,<br>Shibnath Samanta,<br>Martando Rath,<br>Muralidhar Miryala,<br>K. Sethupathi, Masato<br>Murakami, M.S.<br>Ramachandra Rao | <i>Materials Research Bulletin</i>               | 2017                | 0025-5408   |
| 30      | Enhanced functional response of high temperature stabilized (1-x)PMN-xPT ceramics.  | <b>Pius Augustine</b> ,<br>Martando Rath, M.S.<br>Ramachandra Rao   | <i>Ceramics International</i>                    | 2017                | 0272-8842   |
| 31      | A new species of Paratus Simon, 1898 (Araneae: Liocranidae, Paratinae) from India   | Pradeep M. Sankaran,<br>Jobi J. Malamel,<br><b>Mathew M. J. &amp; P. A. Sebastian</b>   | <i>Zootaxa</i>                                   | 2017                | 1175-5334   |
| 32      | Anaxibia folia spec. nov.-a new litter-dwelling dictynid spider from India (Araneae: Dictynidae: Dictyninae)  | Sankaran, PM;<br><b>Sebastian, PA</b>   | <i>Zootaxa</i>                                   | 2017                | 1175-5326   |
| 33      | Diversity of Ants in Kuttanad region of Kerala, India   | Rabeesh TP, Sumesh S, Karmaly KA and Shanas S   | <i>Journal of Entomology and Zoology Studies</i> | 2017                | 2320-7078   |
| 34      | First description of the male of the type species Meotipa picturata Simon, 1895 and description of a new Meotipa species (Araneae, Theridiidae) from India. | Prashanthakumara S. Murthappa, <b>Jobi J. Malamel</b> , Dhruv A. Prajapati, <b>Pothalil A. Sebastian</b> , Mididoddi Venkateshwarlu                 | <i>Zootaxa</i>                                   | 2017                | 1175-5334   |
| 35      | On the genus Tylorida Simon, 1894 with the first record of the genus Atelidea Simon, 1895 from India (Araneae: Tetragnathidae, Leucauginae).                | Pradeep M. Sankaran,<br><b>Jobi J. Malamel</b> ,<br>Mathew M. J. & P. A. Sebastian  | <i>Zootaxa</i>                                   | 2017                | 1175-5334   |
| 36      | On the new monotypic wolf spider genus Ovia gen. nov. (Araneae: Lycosidae, Lycosinae)   | Pradeep M. Sankaran,<br><b>Jobi J. Malamel</b> ,<br>Pothalil A. Sebastian   | <i>Zootaxa</i>                                   | 2017                | 1175-5334   |



## TRAINING PROGRAMMES ORGANIZED FOR TEACHING & NON-TEACHING STAFF

IQAC and various departments of the college organized 13 professional training programmes for the teaching and non-teaching staff. 11 Training programmes including IQAC workshop on OBE and NAAC reaccreditation process were organized for the teaching staff while two programmes were organized for the nonteaching staff. The list of the programmes and report of the selected programmes are given below.

| Sl. No. | Title of the Program  | Date                        |
|---------|---|-----------------------------|
| 1.      | FIP for Newly Recruited Faculty                             | 03-07-2017 to<br>10-07-2017 |
| 2.      | Training on Micro-scale Experiments in Chemistry            | 14-08-2017 to<br>19-08-2017 |
| 3.      | Training programme in Vermicomposting                       | 17-08-2017                  |
| 4.      | Research Based Pedagogy training                            | 11-10-2017 to<br>14-10-2017 |
| 5.      | Workshop on Practical Machine Learning Using Python         | 27-11-2017                  |
| 6.      | Orientation Programme on Trauma & Emergency Care            | 04-12-2017                  |
| 7.      | FDP on Sustainable Energy Storage and Conversion            | 15-01-2018 to<br>16-01-2018 |
| 8.      | FDP on Outcome Based Education and Drafting of POs and PSOs | 24-01-2018 to<br>25-01-2018 |
| 9.      | Training on Mental Health Fitness                           | 16-02-2018                  |
| 10.     | FDP on Equity and Inclusiveness                             | 09-04-2018                  |
| 11.     | Training on Research Paper Writing                          | 15-05-2018 to<br>19-05-2018 |
| 12.     | Orientation on Word Processing & EXCEL                      | 20-06-2017                  |
| 13.     | Training on Administrative software                         | 21-05-2018                  |



## FACULTY ORIENTATION & INDUCTION PROGRAMME 2017

The IQAC of the college organized a Faculty Orientation & Induction Programme, 2017 for the newly joined faculty members. 9 New Faculty members belonging to different disciplines attended the six-day orientation programme. During the orientation, attendees were introduced to the Vision, Mission of the College along with information concerning the academic structure and working of an autonomous college. The orientation was led by Rev. Fr. Johnson X Palackappillil CMI (*Principal*) and Dr. Joseph T Moolayil (*IQAC Co-ordinator*). Experienced resource persons led the induction programme in each planned sessions.

During the orientation, the participants had the opportunity to interact with each other and discussed topics and developed a good bond within themselves.

The sessions included:

- College Vision & Mission
- Classroom Management
- The story about Sacred Heart College
- Preparation of Course Plan, setting the POs & COs
- Examination system, Principles of Curriculum and Syllabus
- A workshop on Moodle software and other online teaching methods

The programme was organized with an overall introduction to the activities of the college for faculty members as well as for students.

Dr. Thomas Abraham led a theme centered interaction session for the participants.

The six-day orientation was structured in such a way that it facilitated the participants with information regarding the academics as well as about the college as a whole.





## TRAINING ON MICRO-SCALE EXPERIMENTS IN CHEMISTRY

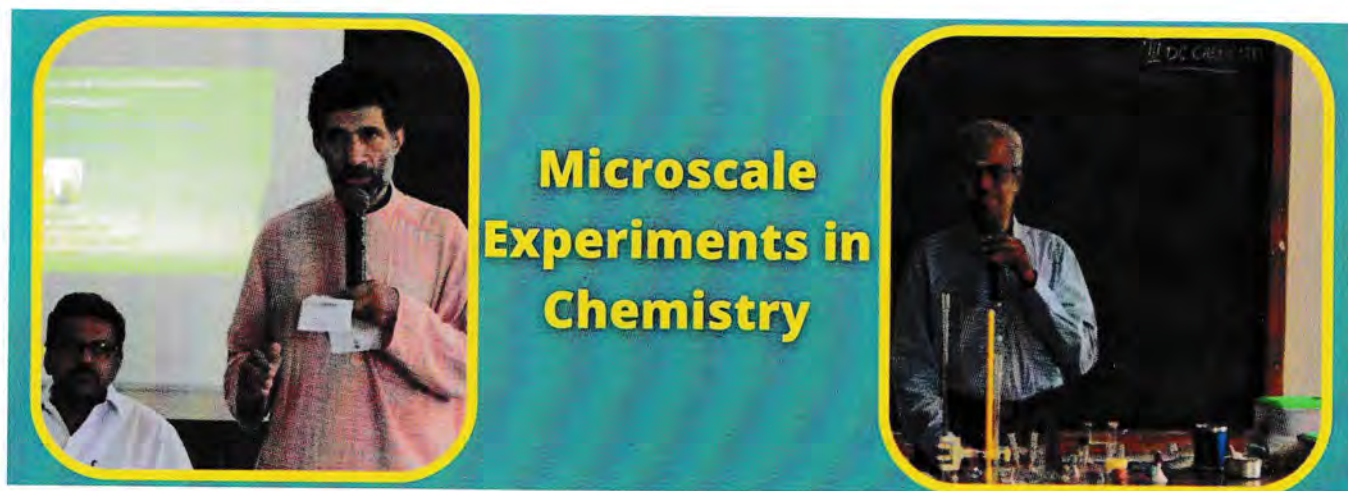
The objective of the workshop is to impart training in microscale experiments in chemistry for students and teachers, with an aim to introduce an innovative practical method for UG programme.

**Resource Person:** Dr. S. Murugan (Retired Professor, ST Hindu College, Nagarcoil)

Fr. Prasant Palackkappillil CMI inaugurated the workshop. In the inaugural address Fr. Principal appreciated the efforts of the department to introduce greener methods in chemistry in tune with the green policy of the college. In the first day of the workshop Prof. S. Murugan introduced the microscale method of titration – Two burette titration. The experimental demonstration was held in the laboratory.

Second day of the workshop started with a review of the first day practicals and evaluation of the results. The results showed close agreement with the results obtained from the conventional titration method. The resource person Dr. Murugan explained the microscale methods for qualitative inorganic analysis. The demonstration was particularly focused on the intergroup separation of cations in which the second group precipitation is done with sodium sulphide. The resource person demonstrated the microscale methods in organic analysis in the third day of the workshop. The participants individually performed all the experiments in the laboratory. The faculty members were trained effectively so that the qualitative organic analysis can be implemented in the UG syllabus.

In the fourth day of the workshop microscale methods for the quantitative separation were discussed. Solvent extraction method was particularly demonstrated. Extensive review of the experimental methods were done in the last day. The results were compared with conventional techniques. It was observed that the microscale qualitative analysis saves time and chemicals, without compromising the accuracy of results.





## TRAINING PROGRAMME ON VERMICOMPOSTING

The department of Zoology organized a training programme on vermicomposting. The faculty members of Zoology, Botany and Environmental Science departments have attended the training programme. The resource person for the training programme was Mr. Biju (Manager, Social Services, Ponnurunni). Vice-Principal of the College Dr. Jose John Thuravackal CMI inaugurated the training programme on vermicomposting. Fr. Vice Principal suggested that such programmes are beneficial for the faculty members to enrich their practical knowledge in composting methods. The teachers can train the students.



**Vermicompost** (vermi-compost) is the product of the decomposition process using various species of worms, usually red wigglers, white worms, and other earthworms, to create a mixture of decomposing vegetable or food waste, bedding materials, and vermicast. The resource person Mr. Biju explained the procedure of vermicomposting and then demonstrated the procedures at various points in the college. Four vermicomposting pots are installed in the lawn in front of the Sociology department of the college. The participants use the dry leaves (litter) in the college campus for the process. The worms and pots were bought from Welfare Society, Ponnurunni, Ernakulam. The variety of worms used are *Eisenia foetida*. The whole process takes about three months to completely harvest. The compost and Vermiwash is sold among the students and teachers. This is considered to be a monetary benefits for the department activities and inculcate social values among the students.



## RESEARCH BASED PEDAGOGY TRAINING

The department of physics organized STEM Teacher Training Workshop to Develop Research Based Pedagogical Tools for teachers. The workshop was organized from 11 to 14 October 2017.

The inaugural function of the workshop was held in Fr. Melesius hall. Principal Rev. Fr. Johnson X Palackappillil CMI delivered the welcome address. Fr. Principal appreciated the department and the coordinator Dr. Pius for successfully organizing the workshop. Dr. Apurva Barve of IISER Pune delivered the opening remarks. He remarked that pedagogic research is research into the processes and practices of learning, teaching and assessment, which may involve systematic



empirical research as well contributions to pedagogic theory. Mr. Barker, Director of South India, South Asia region of British Council remarked that developing research based pedagogical tools is a symbol of academic growth.

Dr. Georgekutty Joseph, HoD Physics proposed vote of thanks. Dr. Gareth Price demonstrated the roadmap of the workshop. In his presentation, Dr. Gareth explained the characteristics and applications of research based pedagogical tools.

## WORKSHOP ON PRACTICAL MACHINE LEARNING USING PYTHON

Department of Computer Science has organized a Workshop on “**Practical Machine learning Using Python**” on 27 November 2017. At 10am, the Principal, Fr. Prasant Palackappillil CMI has inaugurated the workshop in the Chavara IT Centre. Department HoD, Dr. Regitha welcomed the principal, faculty members, participants and supporting students. Mr. Shailesh gave details about introduction to Machine learning and how data science is related to machine learning concepts, types of machine learning and introduction to python. Mr. Shailesh has explained the case study with practical session. Participants did the python programs for creating model using python, found the accuracy. He finished the class by giving the introduction of deep learning and neural networks. In the valedictory function, all participants have expressed sincere gratitude towards the department and the resource person handled the sessions.



## ORIENTATION PROGRAMME ON TRAUMA & EMERGENCY CARE

Sacred Heart College organized an orientation programme on trauma and emergency care. Faculty members of the college attended the programme. The orientation course was organized jointly by Kochi

City Police, VPS Lakeshore and Rotary Cochin. It was a three hour programme by a team of 8 doctors and trainers. The session was called Samaritan where hands on training of 20 different life saving skills were taught. The first session was an audiovisual talk where various lifesaving skills were demonstrated. The programme was very important as it gives awareness of basic life-saving skills.



## WORKSHOP ON SUSTAINABLE ENERGY STORAGE AND CONVERSION

The Department of Chemistry, Sacred Heart College, Thevara in association with Prof. K.V. Thomas Endowment Trust, Agency for Non-conventional Energy and Rural Technology (ANERT) and Kerala State Council for Science, Technology and Environment (KSCSTE) organized a two-day workshop on "sustainable energy storage and conversion".



The workshop was conducted on 15<sup>th</sup> (Monday) and 16<sup>th</sup> (Tuesday) January, 2018. The objective of this workshop was to provide a forum for experts, researchers and students to discuss the recent advances in fuel cells, solar energy conversion devices, energy storage devices such as batteries and super capacitors and the impact of functional/nanomaterials on energy conversion and storage efficiencies. It also aimed at helping the post-graduate students to narrow-down their research

interests in to the vast and intriguing fields of energy storage and conversion.

The resource persons for the seminar were Dr. Vijayamohan K Pillai, Dr. M. M. Shaijumon, IISER, Thiruvananthapuram, Dr. Anil Verma from IIT Delhi and Dr. Suraj Soman, DST-Inspire Faculty, NIIST, Thiruvananthapuram.



## FDP ON OUTCOME BASED EDUCATION (OBE) & DRAFTING OF PO AND PSO

The Internal Quality Assurance Cell of Sacred Heart College (Autonomous), Thevara, Kochi organised a workshop on Outcome Based Education (OBE) & drafting of POs and PSOs for teachers on 24-25 January 2018. The two day workshop was inaugurated by Principal Rev. Fr. Johnson X Palackappillil CMI. He remarked that the syllabus and course plans should be modified in tune with the OBE.

The technical sessions of the orientation programme were handled by experts from **IPSR solution Limited.**, which is a well-known firm provides training for OBE and drafting of Program Specific Outcomes (PSO) and Course Outcomes (CO).

In the first technical session **Dr. Mendez Jacob, Managing director and CEO of the IPSR solutions limited** introduced the basics of OBE and emphasized the importance of OBE in a quality academic process.

**Dr. Sunil Job K. A., Academic Consultant of IPSR solution Limited** delivered the technical sessions on drafting of POs, PSOs and Course Outcomes. He demonstrated the mapping of COs with POs and PSOs. The mapping was done on the basis of rubrics framework. There were practical sessions on how to write Programme Outcomes, Programme Specific Outcomes, Course Outcomes, tagging course outcomes, Taxonomy of learning, attainment of COs, PSOs and POs, Tagging of Questions with COs and Taxonomy Table. 95 teachers participated in the programme.



### FDP on OBE



## HANDS-ON TRAINING ON MICROSCALE PHYSICAL CHEMISTRY EXPERIMENTS

The IQAC of the Sacred Heart College organized an orientation programme on mental health fitness. The program was held on 16 February 2018 in the Marian Hall. The objective of the programme was to provide the faculty members a knowledge on mental health fitness and to raise the happiness index of the college to a higher level. The resource person for the program was Fr. Dr. Varghese Puthussery CMI.



## FACULTY ENRICHMENT PROGRAMME ON EQUITY AND INCLUSIVENESS

IQAC of SH College organized a faculty enrichment programme on the theme equity and inclusiveness. The programmes was held on 09 April 2018 in the Melesius hall. The resource person for the programme was Principal, Rev. Dr. Johnson X Palackappillil CMI. The objective of the programme was to inculcate the values of equity and inclusiveness in the faculty members.



## TRAINING ON RESEARCH PAPER WRITING

The Department of English and Prajna foundation Kochi jointly organized training program for the faculty and research scholars. The theme of the training programme was Research Paper writing. Principal Rev. Dr. Johnson X Palackappillil CMI inaugurated the training programme. In his inaugural address, Fr. Principal emphasized the importance of research paper writing in the academic research. The first two days of the training was led by Prof. P. P. Raveendran, School of Letters, M. G. University Kottayam. The next two days of the workshop was led by Mr. K. J. Jacob. He extended the training to new dimensions of academic writing and editing. He explained the writing of a compelling body of a text.





## TRAINING PROGRAMME ON WORD PROCESSING & EXCEL

IQAC of Sacred Heart College, Thevara organized a training program on word processing and EXCEL for the non-teaching staff on 20 June 2017 in the Chavara IT Centre. The program was aimed at enriching the administrative staff with useful software knowledge.

The resource person for the program was Mr. Sebastian Panakal. The resource person is an experienced trainer of various IT tools and e-teaching. The program started with a silent prayer. He introduced the resource person and spoke

about the context of conducting the program. In the technical session Mr. Sebastian explained about the various existing word processing software such as Google docs, Microsoft word pad etc. The second part of the session dealt with the application of MS-EXCEL. The utilities of EXCEL were demonstrated by the Mr. Saju. The participants were asked to prepare sample documents in word and excel format.



## TRAINING PROGRAMME ON ADMINISTRATIVE SOFTWARE

IQAC of Sacred Heart College organized training programme on administrative software for the non-teaching staff. The objective of the program was to familiarize the staff about the operation of the administrative software. The college has an automated administrative process. The role of administrative staff has become more significant in handling the office process with the introduction of the software. The IQAC organized the training program in the light of the automation process.



Technical expert of the software Mr. Shifas A A led the training programme. He introduced all the fields in the software and explained various drop-down menu. Then the participants were given a hands-on experience in entering all the necessary data by a mock process. Superintendent Mr. K. J. Joseph proposed the vote of thanks.



## FACULTY DEVELOPMENT PROGRAMMES ATTENDED BY FACULTY MEMBERS

Faculty members attended various faculty development programmes like refresher courses, orientation programmes, workshops and short term courses. The list of faculty members and the details of faculty development programme they attended are enlisted below.

| Sl. No. | Name of Teacher        | Title of the Program   | Duration                 |
|---------|------------------------|--|--------------------------|
| 1.      | June Cyriac            | ASMS Conference on Mass Spectroscopy, Indianapolis, USA              | 04-06-2017 to 08-06-2017 |
| 2.      | Biju V. V.             | Orientation Programme, University of Calicut                         | 07-06-2017 to 04-07-2017 |
| 3.      | Dr. Abi T. G.          | Orientation Programme, Kannur University, Kannur                     | 28-06-2017 to 25-07-2017 |
| 4.      | Fr. Dr. Sebastian John | FIP for Newly Recruited Faculty organized by IQAC, SH College, Kochi | 03-07-2017 to 10-07-2017 |
| 5.      | Dr. Sudha S.           | FIP for Newly Recruited Faculty organized by IQAC, SH College, Kochi | 03-07-2017 to 10-07-2017 |
| 6.      | Dr. Remya R.           | FIP for Newly Recruited Faculty organized by IQAC, SH College, Kochi | 03-07-2017 to 10-07-2017 |
| 7.      | Athira Binod           | FIP for Newly Recruited Faculty organized by IQAC, SH College, Kochi | 03-07-2017 to 10-07-2017 |
| 8.      | Neethu S Kumar         | FIP for Newly Recruited Faculty organized by IQAC, SH College, Kochi | 03-07-2017 to 10-07-2017 |
| 9.      | Shanthi Mathai         | FIP for Newly Recruited Faculty organized by IQAC, SH College, Kochi | 03-07-2017 to 10-07-2017 |
| 10.     | Lekshmi S Nair         | FIP for Newly Recruited Faculty organized by IQAC, SH College, Kochi | 03-07-2017 to 10-07-2017 |
| 11.     | Anisha Anilkumar       | FIP for Newly Recruited Faculty organized by IQAC, SH College, Kochi | 03-07-2017 to 10-07-2017 |
| 12.     | Elsa Jacob             | FIP for Newly Recruited Faculty organized by IQAC, SH College, Kochi | 03-07-2017 to 10-07-2017 |
| 13.     | Jobin Tharian          | Orientation Programme, Savitribai Phule Pune University, Pune        | 03-08-2017 to 30-08-2017 |
| 14.     | Vinil K. V.            | Orientation Programme, Savitribai Phule Pune University, Pune        | 03-08-2017 to 30-08-2017 |
| 15.     | June Cyriac            | Orientation Programme, University of Kerala, Trivandrum              | 04-08-2017 to 31-08-2017 |
| 16.     | Dr. Abi T. G.          | Workshop on Microscale Experiments in Chemistry, SH College Thevara  | 14-08-2017 to 19-08-2017 |



| Sl. No. | Name of Teacher       | Title of the Program  | Duration                 |
|---------|-----------------------|---|--------------------------|
| 17.     | Dr. K. B. Jose        | Workshop on Microscale Experiments in Chemistry, SH College Thevara                   | 14-08-2017 to 19-08-2017 |
| 18.     | Dr. Thommachan Xavier | Workshop on Microscale Experiments in Chemistry, SH College Thevara                   | 14-08-2017 to 19-08-2017 |
| 19.     | Dr. V. S. Sebastian   | Workshop on Microscale Experiments in Chemistry, SH College Thevara                   | 14-08-2017 to 19-08-2017 |
| 20.     | Dr. M. George         | Workshop on Microscale Experiments in Chemistry, SH College Thevara                   | 14-08-2017 to 19-08-2017 |
| 21.     | Dr. Jorphin Joseph    | Workshop on Microscale Experiments in Chemistry, SH College Thevara                   | 14-08-2017 to 19-08-2017 |
| 22.     | Dr. Franklin J.       | Workshop on Microscale Experiments in Chemistry, SH College Thevara                   | 14-08-2017 to 19-08-2017 |
| 23.     | Dr. Jinu George       | Workshop on Microscale Experiments in Chemistry, SH College Thevara                   | 14-08-2017 to 19-08-2017 |
| 24.     | Dr. Grace Thomas      | Workshop on Microscale Experiments in Chemistry, SH College Thevara                   | 14-08-2017 to 19-08-2017 |
| 25.     | Dr. Ignatious Abraham | Workshop on Microscale Experiments in Chemistry, SH College Thevara                   | 14-08-2017 to 19-08-2017 |
| 26.     | Midhun Dominic C. D.  | Workshop on Microscale Experiments in Chemistry, SH College Thevara                   | 14-08-2017 to 19-08-2017 |
| 27.     | Senju Devassykutty    | Workshop on Microscale Experiments in Chemistry, SH College Thevara                   | 14-08-2017 to 19-08-2017 |
| 28.     | Dr. June Cyriac       | Workshop on Microscale Experiments in Chemistry, SH College Thevara                   | 14-08-2017 to 19-08-2017 |
| 29.     | Dr. Ramakrishnan S    | Workshop on Microscale Experiments in Chemistry, SH College Thevara                   | 14-08-2017 to 19-08-2017 |
| 30.     | Regitha M R           | FDP on High Performance Computing & Data Science, RSET Kakkanadu                      | 17-08-2017 to 22-08-2017 |
| 31.     | Tressa Shybe          | FDP on High Performance Computing & Data Science, RSET Kakkanadu                      | 17-08-2017 to 22-08-2017 |
| 32.     | Dr. Giby Kuriakose    | General Orientation Programme, Savitribai Phule Pune University, Pune                 | 01-09-2017 to 28-09-2017 |
| 33.     | Dr. Jimmy Sebastian   | General Orientation Programme, Savitribai Phule Pune University, Pune                 | 01-09-2017 to 28-09-2017 |
| 34.     | Sibi K. I.            | Refresher Course in Human Rights, University of Hyderabad, Hyderabad                  | 08-09-2017 to 28-09-2017 |
| 35.     | Dr. Jimmy Sebastian   | STEM Teacher Training Workshop on Research Based Pedagogical Tools, SH College, Kochi | 11-10-2017 to 14-10-2017 |
| 36.     | Dr. Sumod S. G.       | STEM Teacher Training Workshop on Research Based Pedagogical Tools, SH College, Kochi | 11-10-2017 to 14-10-2017 |
| 37.     | Sanu Varghese         | FDP on Data Analysis in Social Science Research, Govt. College, Attingal              | 24-10-2017 to 28-10-2017 |



| Sl. No. | Name of Teacher       | Title of the Program  | Duration                 |
|---------|-----------------------|---|--------------------------|
| 38.     | Sajoy P B             | FDP on Data Analysis in Social Science Research, Govt. College, Attingal                                | 24-10-2017 to 28-10-2017 |
| 39.     | Sibi K. I.            | Short Term Course in Students Counselling and Mentoring, University of Kerala, Trivandrum               | 30-10-2017 to 04-11-2017 |
| 40.     | Bijo N. Mathew        | Orientation Programme, University of Kerala, Trivandrum   | 02-11-2017 to 29-11-2017 |
| 41.     | Sanu Varghese         | FDP on Business Research and Data Analysis for Social Science, Sri Ramakrishna College, Coimbatore      | 20-11-2017 to 02-12-2017 |
| 42.     | James V George        | FDP on Business Research and Data Analysis for Social Science, Sri Ramakrishna College, Coimbatore      | 20-11-2017 to 02-12-2017 |
| 43.     | Dr. Sumod S. G.       | Orientation Programme, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad                         | 23-11-2017 to 20-12-2017 |
| 44.     | Raagam P. M.          | ICAR Sponsored Winter School, CIFT Kochi  | 01-12-2017 to 21-12-2017 |
| 45.     | Dr. Ignatious Abraham | Orientation Programme, University of Rajasthan, Jaipur  | 04-12-2017 to 30-12-2017 |
| 46.     | Sabu Thomas           | Orientation Programme, University of Jammu, Jammu   | 04-12-2017 to 31-12-2017 |
| 47.     | Sanil Jose            | National Conference on Technology and Innovations in Math Education, RSET Kochi                         | 07-12-2017 to 10-12-2017 |
| 48.     | Riya Baby             | National Conference on Technology and Innovations in Math Education, RSET Kochi                         | 07-12-2017 to 10-12-2017 |
| 49.     | Jeet Kurien Mattam    | National Conference on Technology and Innovations in Math Education, RSET Kochi                         | 07-12-2017 to 10-12-2017 |
| 50.     | Dr. Jorphin Joseph    | Refresher Course on Foundations of Physical Chemistry and its Applications, IWSA Navi Mumbai            | 15-12-2017 to 30-12-2017 |
| 51.     | Dr. Abi T. G.         | Refresher Course on Environmental Sciences and Geological Sciences, Pondicherry University, Pondicherry | 02-01-2018 to 22-01-2018 |
| 52.     | Sanil Jose            | Orientation Programme, University of Kerala, Trivandrum   | 04-01-2018 to 31-01-2018 |
| 53.     | Dr. Tom C. Thomas     | Refresher Course in English Language, Literature and Culture, JNU New Delhi                             | 08-01-2018 to 02-02-2018 |
| 54.     | Dr. Ramakrishnan S.   | Refresher Course in Environmental Sciences, University of Kerala, Trivandrum                            | 09-01-2018 to 29-01-2018 |
| 55.     | Pius Augustine        | Workshop on intertwining strands in physics and mathematics, IISER Pune                                 | 19-01-2018 to 23-01-2018 |
| 56.     | Dr. Grace Thomas      | ICAR Sponsored winter school, CMFRI Kochi   | 23-01-2018 to 12-02-2018 |



| Sl. No. | Name of Teacher      | Title of the Program   | Duration                 |
|---------|----------------------|--|--------------------------|
| 57.     | Midhun Dominic C. D. | ICAR Sponsored winter school, CMFRI Kochi  | 23-01-2018 to 12-02-2018 |
| 58.     | Syamlal M. S.        | National Training cum Workshop, Central Institute of Indian Languages, Mysuru    | 12-02-2018 to 16-02-2018 |
| 59.     | Senju Devassykutty   | Orientation Programme, Kannur University, Kannur                                 | 21-02-2018 to 20-03-2018 |
| 60.     | Sabu Thomas          | Peak Performance Training, Bangalore   | 03-05-2018 to 13-05-2018 |
| 61.     | Aravind R. Nair      | Workshop on Research Paper Writing, Prajna Foundation Kochi & SH College Thevara | 15-05-2018 to 19-05-2018 |
| 62.     | Bijo N Mathew        | Workshop on Research Paper Writing, Prajna Foundation Kochi & SH College Thevara | 15-05-2018 to 19-05-2018 |
| 63.     | Dr. Rajesh M.        | Workshop on Research Paper Writing, Prajna Foundation Kochi & SH College Thevara | 15-05-2018 to 19-05-2018 |
| 64.     | Fr. Sabu Thomas      | Workshop on Research Paper Writing, Prajna Foundation Kochi & SH College Thevara | 15-05-2018 to 19-05-2018 |
| 65.     | Sanjose A. Thomas    | Workshop on Research Paper Writing, Prajna Foundation Kochi & SH College Thevara | 15-05-2018 to 19-05-2018 |
| 66.     | Sibi K. I.           | Workshop on Research Paper Writing, Prajna Foundation Kochi & SH College Thevara | 15-05-2018 to 19-05-2018 |
| 67.     | Sunil K. V.          | Workshop on Research Paper Writing, Prajna Foundation Kochi & SH College Thevara | 15-05-2018 to 19-05-2018 |
| 68.     | Dr. Mathew M J       | Workshop on Research Paper Writing, Prajna Foundation Kochi & SH College Thevara | 15-05-2018 to 19-05-2018 |
| 69.     | Rajesh James         | Workshop on Research Paper Writing, Prajna Foundation Kochi & SH College Thevara | 15-05-2018 to 19-05-2018 |

### FINANCIAL ASSISTANCE PROVIDED TO FACULTY MEMBERS

The college provides financial support to faculty members for attending conferences, presenting research paper in conferences and taking membership in professional bodies. In the academic year 2017-18, fifty three faculty members were given assistance for participation in conferences in India and abroad. Two faculty members were also given assistance towards professional body membership. An amount of Rs. 2.68 lakhs was provided to teachers for the same.



## GLIMPSES OF CLUB ACTIVITIES



Tribal exposure camp by AICUF



Karkkidaka Kanji by Nature Club

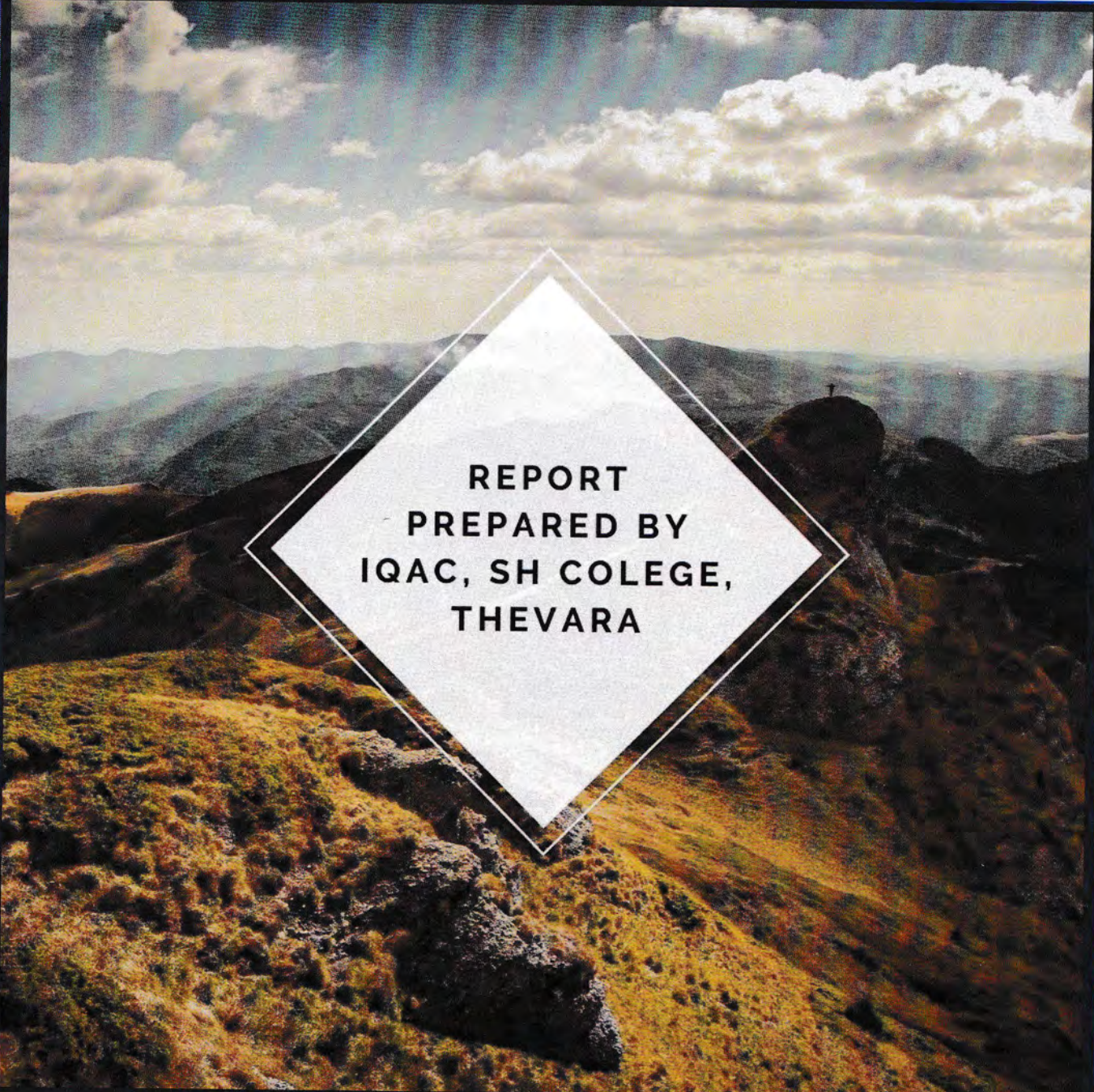


Dance club activities



Energy Conservation Rally by NCC and Physics Department





**REPORT  
PREPARED BY  
IQAC, SH COLEGE,  
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