



BISHOP MOORE COLLEGE MAVELIKARA newsletter



2016

MESSAGES



I am happy to know that Bishop Moore College, Mavelikara is bringing out an annual newsletter with a vivid description of the various activities of this prestigious Institution. This is indeed a meaningful achievement of the college and I congratulate the Principal and the Editorial Staff and students for their contributions in this regard. Bishop More College, Mavelikara has a rich legacy in the field of quality and value based education. This magazine, as a historical document will definitely add more colour to the life and historical journey of the college. I wish all success to this initiative.

I praise God for the excellent services rendered by the Bishop Moore Collge, Mavelikara to the wider society in and around Mavelikara from 1964. According to Nelson Mandela, 'Education is the most powerful weapon which you can use to change the world'. Education is the process of bringing out all round development in an individual. As John Dewey defined 'Education is not the preparation for life, it is the life itself'. A democratic society demands that an individual should have many skills, among them the skill to deal with conflicting values and to take independent decisions. It demands a critical faculty as well as competence to judge, based on your

moral principles. Democratic societies must therefore take an interest that such skills be encouraged.

When you open a newspaper in the morning, most headlines scream about robberies, murder and violence against women, children and elderly. The other set of news relates to corruption, frauds and scams involving crores of rupees. Who commits these crimes? Many times the culprits are educated men and women. This proves that there is something lagging in educational process. It is true that family is the prime agency for development of value but efforts must also be focused at the school site. How effectively the objectives are fulfilled depends on how various systems, resources and processes are organized and managed in the school. Educators, school administrators and teachers have been asking for a workable framework that contains a clear picture of how to carry out education for values in schools to encourage pro-social behaviours in children and youth. It is expected that the framework will help them improve their existing practices to provide education for holistic development of students in a systematic and focused way.

At this time I would like to express my sincere thanks to the Principal, Teaching Staff members and all the non-teaching staffs for their tremendous service that they rendered last year. I offer my sincere prayer and wishes to all the outgoing students of this wonderful institution for their further studies as well as future engagements. I also have the kind request that they should serve the people with the education and treasures that they have gained from this institution.

It is my prayer that Bishop Moore Collge, Mavelikara will continue to do this great ministry in the years to come. I wish the Institution all success.

With warm regards,

+Most. Rev. Thomas K. Oommen

Bishop & Manager, Bishop Moore College, Mavelikara



At the outset itself, let me congratulate the Manager of the College, Most Rev. Thomas K. Oommen for becoming the Moderator of the Church of South India. We, the members of the Bishop Moore family are proud of you, Thirumeni!

As the Principal of the College, I feel happy to note that the College has been brimming with myriad activities. This newsletter would offer a testimony of the same! Academically, we won top honours in many subjects. Students of MSc. Botany scored the first rank in the University in two consecutive years, while the Department of Physics boasts of a third rank the University at the Undergraduate level. Generally, the results in all the disciplines were much above the University average.

Bishop Moore College is a College with a difference for several reasons. The College has a democratically elected student's union and the meaningful and colourful union activities add to the vibrancy of the College life and makes it stand out in comparison to other Colleges in the neighbourhood. The Arts festival was a remarkable event, unmasking the talents of the students. Student's participation in the annual sports meet,

extension activities and outreach programmes merit special mention. In the University of Kerala, Drama Festival, the College team not just stood first but virtually swept almost all the prizes on offer! I hope that this feat shall be replicated in the University Youth Festival.

The students of the College excelled in the arena of sports and games too. Another important point to note is that the long cherished dream of the College to have a Basketball Academy could be realised with the support of agencies like Kerala State Sports Council, VENSEC and C.V Sunny's Sports Academy. Another feather in the cap of the College was in its selection to the DBT-STAR Colleges scheme. It also gives me great satisfaction to note that the College has been elevated to the status of a five star ASAP(Additional Skill Acquisition Programme) institution by the Higher Education Department, Government of Kerala. Besides this, several agencies have offered their support for research and for conducting workshops and refresher courses. I appreciate the team work of the stake holders, PTA, Alumni, retired teachers and well wishers and the encouragement given to the students- both slow and advanced learners. This quest for improvement in the quality of teaching learning process should continue.

I use this opportunity to express my gratitude to the Manager and Colleagues for their whole hearted support, be it giving a facelift to the infrastructure of the College or for spending extra hours in preparing the SSR and getting the College ready for the upcoming NAAC visit. I also early look forward for the fructification of the Jubilee Project. Prof. V.I Johnson is retiring as the Head of the Department of Malayalam after 33 years of meritorious service. I acknowledge his significant contribution to the College and to the society at large. I wish him a peaceful retired life. As I too prepare to step down, I thank God Almighty for making my association with Bishop Moore College, rich and memorable.

Dr. Sabu George

Principal, Bishop Moore College, Mavelikara

DEPARTMENT OF PHYSICS

Inauguration of "RESONANCE-15"



The activities of RESONANCE-2015 were formally inaugurated by Dr. P. J. Jojo, Associate Professor in Physics, Fatima Mata National College, Kollam on 19th August, 2015. A manuscript, DREAMS-2015 was released as

a tribute to the former President, Dr. A. P. J. Abdul Kalam, in the inaugural session. Later Dr. P. J. Jojo delivered a talk on "Green Nuclear Energy". Akhil Thomas Panicker of Final Year Physics presented a power point show on the topic, "APJ's contribution to Indian Defence". Sajay Ghosh and Gokul Krishna of Final Year Physics exhibited pencil drawings of APJ Abdul Kalam.

Seminar on 'Sculpting Light – Holography and Applications'



The department organized a seminar on 'Sculpting Light – Holography and Applications' sponsored by the All Kerala Association of Physics Teachers (APT) and SPIE CUSAT Students'

Chapter. Dr. P.T. Ajith Kumar (*President and Leading Scientist, Light Logics Holography and Optics*) talked on the technique and practical applications of Holography. He also demonstrated the process of recording of a hologram and reconstruction of the image.

SHIELD 2015 - Ozone Day Celebrations

As part of Ozone Day celebrations, RESONANCE -2015 conducted a variety of programmes from 14 to 18 September, 2015. Powerpoint presentation competition on the topic "Ozone-All



there is between you and UV" was conducted at the College and the intercollegiate level. On 16th September, Dr. M. S. Bindhu, Environmental and Safe Guard Specialist of Kerala Local Self Government, delivered an invited lecture on Preservation of Ozone Layer. Following the lecture, a documentary on "Ozone-All

there is between You and UV" prepared by Fujin Fernandez, Gokul Krishna, Amal Raj, Sajay Ghosh and Rahul R. Krishna of Final Year Physics was released.



Space Week Celebrations

In association with the Science Club, National Space Week was celebrated by RESONANCE-2015 on 5th October 2015. Mr. Vineeth G M (Sci. Engineer B, VSSC, Tvm)

delivered a lecture on 'Space Science And Related Technologies in India'.

Science Academies' Lecture Workshop



Science Academies' lecture workshop on "Spectroscopic techniques and Applications", organized jointly by the three Indian science academies viz. Indian National Science Academy (INSA New Delhi), Indian Academy of Sciences (IASc, Bangalore) and National Academy of Sciences (NASI,

Allahabad), was hosted by the department during 11-13 Nov. 2015. Prof. Chandrabhas Narayana (*JNCASR, Bangalore*), Dr. Mahesh Hariharan (*IISER, Thiruvananthapuram*), Dr. Vinesh Vijayan (*IISER, Thiruvananthapuram*) and Dr. Yoosaf Karuvath (*CSIR-NIIST, Thiruvananthapuram*) were the resource persons. 125 participants including M. Sc. Students and faculty members from various colleges attended the workshop.

National Conference



The department organized a National Conference on 'Experimental and Theoretical Approaches to Photonic Materials' (ETAP-2016) during 6 – 8 January 2016. Dr. Reji Philip (*Raman Research Institute, Bangalore*), Dr. Karunakaran Venugopal (*CSIR-NIIST, Thiruvananthapuram*),

Dr. Sinoy Thomas (*CSIR-NIIST, Thiruvananthapuram*), Dr. M. K. Jayaraj (*CUSAT*) and Dr. P.M. Aneesh (*Central University Kasargod*) were the resource persons. 110 delegates including scientists, research scholars and faculty members from various institutions in the country participated in the conference. There were 24 oral presentations and 30 Posters. The conference was sponsored jointly by KSCSTE and KSHEC.

"Sci-rostrum-2016" - National Science Day Celebrations



The National Science Day Celebrations 2016, was conducted by Resonance from 15 to 23 February 2016 under the banner of Sci-Rostrum'16. A Science Quiz competition and an Intercollegiate PowerPoint

Presentation Competition were held on the topic "C V Raman's contributions to Science". An invited lecture on "Science's

contribution to Technology" was delivered by Dr. Jayakrishnan R. The programmes were sponsored by the Kerala State Council for Science, Technology & Environment (KSCSTE), Thiruvananthapuram and supported by the Department of Science & Technology, Govt. of India.

Rev. Prof. K. C. Mathew Endowment Lecture Workshop



Rev. Prof. K. C. Mathew Endowment Lecture Workshop on 'Statistical Mechanics' was organized by the department during 4 – 5 March 2016. Dr. S.V. M. Sathanarayana (Pondicherry Central University) and Dr. Joseph C Prabhakar

(Loyola College, Chennai) were the resource persons. 100 participants including M.Sc. students and faculty members from various colleges attended the workshop.

Inauguration of "RESONANCE-16"



The activities of RESONANCE-2016 were formally inaugurated by Dr. Isaac Paul, HOD and Associate Professor of Physics, St. Berchman's College, Changanassery, on 22nd August, 2016. A manuscript, REFLECTIONS, prepared by the B. Sc. Physics students, was released during the inaugural session. Ms. Jisha J of Final Year Physics served as the editor of REFLECTIONS. Following the inaugural session, Dr. Isaac Paul delivered a lecture on "A few equations that changed the world".

SHIELD 2016 - Ozone Day Celebrations

As part of Ozone Day celebrations, RESONANCE -'16 conducted a variety of programmes from 23 - 29 September, 2016. On 23rd September, Dr. Athira O, Assistant Professor of Biotechnology, Amrita Institute, inaugurated SHIELD 2016 and delivered an invited lecture on "Save Ozone, Our Planet's Safe Zone". Inter department PowerPoint presentation competition and Painting Competition on the topic-"Ozone and Climate – Restored by a world united" was conducted at the College level on 28th September. Inter Collegiate PowerPoint presentation competition and a lecture on "Climate Change and Ozone layer depletion" by Dr. Suresh V Vettoor, Associate Professor (Rtd.), St. Dominics College, Kanjirappally, were held on 29th September.



Science Academies' Lecture Workshop



Science Academies' lecture workshop on "Basics of Relativistic Quantum Mechanics and Field Theory", organized jointly by the three Indian science academies viz. Indian National Science Academy (INSA New Delhi), Indian Academy of Sciences (IASc, Bangalore) and National Academy of Sciences (NASI, Allahabad), was hosted by the department from 29 November to 1 December 2016. Prof. M. Lakshmanan (Emeritus Professor, Bharathidasan University Tiruchirappally), Prof. B. Sathiapalan (Indian Mathematical Institute, Chennai), Prof. Ramesh Babu (CUSAT) and Prof. K. P. Satheesh (Former Principal Brennan College, Thalassery) were the resource persons. 185 participants including M. Sc. Students and faculty members from various colleges attended the workshop.

Research Projects

- KSCSTE Major Research Project** under Science Research Scheme for **Rs. 14 lakhs** has been sanctioned to **Dr. D. Sajan** for the work on "Growth, Optical studies and Vibrational Spectral Investigation of certain novel semi-organic NLO crystals for Laser applications". (Co-investigators - **Mrs. Lynnette Joseph, Miss. Jerin Susan John**).
- SARD Project of KSCSTE** for Rs. 31.1 lakhs has been sanctioned to **Dr. Arun Aravind** for the work on "Growth and Characterization of Metal Oxide Thin films and nanostructures for Non-linear and Solar Cell Applications".
- UGC Minor Research Project** for Rs.3.07 lakhs has been sanctioned to **Dr. Arun Aravind** for the work on "Synthesis of Transition Metal Oxide Nanostructures for Optoelectronic Applications".
- UGC-DAE Consortium for Scientific Research (Mumbai centre)** has sanctioned a project for Rs. 7,68,600/- to Dr. D. Sajan for the work on "Growth, optical studies, Vibrational spectral investigations and hydrogen bond studies of semi organic NLO crystals for Laser Applications".

Collaborative Research

The project sanctioned by UGC-DAE Consortium for Scientific Research is carried out in collaboration with Dr. R. Chitra, SO/G, Solid State Physics Division, BARC, who is the Principal Collaborator of the project.

Ongoing Research Projects

NAME OF THE INVESTIGATOR	TITLE OF THE PROJECT AND DURATION	AMOUNT SANCTIONED RS.	FUNDING AGENCY
Dr. D. Sajan	Growth, Optical studies and Vibrational Spectral Investigation of certain novel semi-organic NLO crystals for Laser applications (2015 – 2018)	13,48,160/-	KSCSTE
Dr. D. Sajan	Design, Structural-Property Relations for the Nonlinear Optical Response, Growth and Vibrational Spectral Investigations of some Aniline Derivatives (2014-2017)	24,96,000/-	DST-Fast Track Young Scientist Project
Dr. D. Sajan	Screening, Selection, Growth and Vibrational Spectral Investigations of Non- Linear Optical materials (2013-2016)	21,45,297/-	CSIR
Dr. Arun Aravind	Synthesis of Transition Metal Oxide Nanostructures for Optoelectronic Applications	3,07,000/-	UGC

Minor Research Project Completed

NAME OF THE INVESTIGATOR	TITLE OF THE PROJECT AND DURATION	AMOUNT SANCTIONED RS.	FUNDING AGENCY
Mrs. Merin George	Growth, Structural, Vibrational Spectral Studies on Aniline Derivatives for NLO Applications (2013-2015) 18 Months	1,68,000/-	UGC

Student Projects Sanctioned by KSCSTE

SL. NO	NAME OF PRINCIPAL INVESTIGATOR	NAME OF STUDENT INVESTIGATOR	PROJECT TITLE	SANCTIONED AMOUNT IN RS.
1.	Lynnette Joseph	Athira S. (M.Sc. Physics)	Growth and characterization of semi organic nonlinear optical crystal: L- Histidinium perchlorate 49/SPS55/2015/KSCSTE	11000
2.	Dr. D.Sajan	Asmimol S. J. (M.Sc. Physics)r4	Green synthesis and characterization of silver nanoparticles using leaf extract of Ocimum sanctum 69/SPS-54/2015/KSCSTE dated 08-05-2015	13500
3.	Dr. D.Sajan	Rajasree R. (M.Sc. Physics)	Growth and characterization of novel semi organic nonlinear optical crystal: L-Histidinium dipicrate dihydrate 68/SPS-54/2015/KSCSTE dated 08-05-2015	13500
4.	Dr. D.Sajan	Geethu R (M Sc Physics)	Growth and characterization of semi organic nonlinear optical crystal: Diglycine Barium chloride 6/SPS 59/ 2016/ KSCSTE	10500
5.	Dr. Arun Aravind	Akhil M (M Sc Physics)	Green Synthesis and anti microbial investigations of ZnO nnaostructures using aloe vera extract 9/SPS 59/ 2016/ KSCSTE	13000
6.	Dr. Arun Aravind	Sreelekshmy S (M Sc Physics)	Green synthesis of gold nanoparticles using citrus auratifolia extract and investigation of their antimicrobial activity 4/SPS60/2016/ KSCSTE	11000

Paper Publications

1.	Vibrational Spectral Analysis, Electronic absorption and Non-linear Optical Behavior of (E)-1-(2,4,6-Trimethoxyphenyl)pent-1-en-3-one D. Sajan; Alen S; Job Sabu K; Tom Sundius; Chaitanya K; Frank Blockhuys; Bena Jothy V DIO VIBSPEC-D-14-00172 (2015)
2.	Synthesis, crystal structure, vibrational spectral analysis and Z-scan studies of a new organic crystal N,N dimethylurea ninhydrin: A scaled quantum mechanical force field study Optical Materials, Volume 48, October 2015, Pages 233-242 Jerin Susan John, D. Sajan, T. Umadevi, K. Chaitanya, Pranitha Sankar, Reji Philip

3.	Self-cleaning superhydrophobic surfaces with underwater superaerophobicity Materials & Design, In Press, Accepted Manuscript, Available online 23 March 2016 Jijo Easo George, Vanessa R.M. Rodrigues, Deepak Mathur, Santhosh Chidangil, Sajan D.
4.	Synthesis, growth, vibrational spectral investigations and structure–property relationship of an organic NLO crystal: 3,4-Dimethoxy chalcone Chemical Physics Letters, Volume 636, 1 September 2015, Pages 208-215 S. Alen, D. Sajan, Lynnette Joseph, K. Chaitanya, Venkataraya Shettigar, V. Bena Jothy
5.	Modulating fluorescence quantum yield of highly concentrated fluorescein using differently shaped green synthesized gold nanoparticles Journal of Luminescence, Volume 172, April 2016, Pages 39-46 Jisha John, Lincy Thomas, Achamma Kurian, Sajan D. George
6.	Vibrational spectral analysis, electronic absorption and non-linear optical behavior of (E)-1-(2,4,6-trimethoxyphenyl)pent-1-en-3-one, Vibrational Spectroscopy, Volume 79, July 2015, Pages 1-10, Alen S., D. Sajan, Job Sabu K., Tom Sundius, Chaitanya K., Frank Blockhuys, Bena Jothy V
7.	Physico-chemical studies of the experimental and theoretical properties of organic nonlinear optical material 4-chloro-4'methoxy benzylideneaniline, Journal of Molecular Structure 1128 (2017) 754e768, Merin George, Nimmy L. John, M. Saravana Kumar, A. Subashini, D. Sajan

Conference Presentations

SL. NO.	NAME OF FACULTY/ RESEARCH SCHOLAR	TITLE OF PAPER	NAME OF CONFERENCE AND DATE
1	Merin George, D. Sajan	Physico-chemical studies of the experimental and theoretical properties of organic nonlinear optical material 4-chloro-4'methoxy benzylideneaniline	UGC Sponsored National Seminar on "New Horizons in Spectroscopy" at St. John's College, Anchal, 15 – 16 October 2015
2	Merin George, D. Sajan	Vibrational Spectroscopic Investigations, Quantum Chemical Calculations and Non-linear optical studies of 4-Nitro aniline 4-amino benzoic acid	International Symposium on Photonic Applications and Nanomaterials ISPAN-2015, Thiruvananthapuram, 28 – 30 October 2015
3	Jerin Susan John, D. Sajan	SERS and non-linear optical properties of an organic material	4 th International Conference on 'Frontiers in Nano Science and Technology', 20-23 February 2016
4	Sasikala V, D. Sajan	Optical Non-linearity and NLO Response Properties of Urea Ninhydrin Monohydrate	International Symposium on Photonic Applications and Nanomaterials ISPAN-2015, Thiruvananthapuram, 28 – 30 October 2015
5	Jesby George, D. Sajan	Theoretical determination of First-hyperpolarizability and optical studies of an organic Non-linear optical active crystal	International Symposium on Photonic Applications and Nanomaterials ISPAN-2015, Thiruvananthapuram, 28 – 30 October 2015

Infrastructure Developments

- A new computer lab was developed with aid from UGC-COC and DST-FIST
- B Sc Final year class room was converted into a smart class room

Procurement of Instruments

- Single crystal growth apparatus – SR method -3
- Spin Coater
- Hydrothermal Furnace
- UV-Vis Spectrophotometer with DRS
- Luminescence Spectrometer
- Simultaneous TGA/DTA/DSC system
- Workstation
- Computer with windows OS
- Printer
- 5kVA Online UPS
- Battery for 5kVA Online UPS

Achievements of Faculty Members



- Mrs. Lynnette Joseph was awarded Ph D in Physics by the Mahatma Gandhi University for her thesis on "Density Functional theoretical simulations and Vibrational Spectral investigations of Biologically active molecules with phenyl ring"
- Mrs. Lynnette Joseph attended the midyear annual meet of the Indian Academy of

Sciences during 3rd and 4th July 2015 at the Indian Institute of Science, Bangalore.

Trainings Attended

- Merin George attended the Special Summer School for University/College teachers at UGC Academic Staff College, Kariyavattom Campus, University of Kerala from 28 May to 17 June 2015
- Jerin Susan John attended the UGC sponsored Short-term Interaction Programme for Research Scholars, 17-21 August 2015, UGC-HRDC, University of Kerala, Thiruvananthapuram

Duties taken up by faculty members

NAME OF FACULTY	RESPONSIBILITIES HELD
George Mathew	Convenor, Spiritual Empowerment Committee
Dr. D Sajan	* Senate member, University of Kerala * Co-ordinator, 'Scholar Support Programme' * NCC Officer * Co-ordinator DBT STAR College Project

Lynnette Joseph	* Member, NAAC Steering Committee * President, Physics Association RESONANCE 2015 * Convenor, Scholarship Committee * Treasurer, PTA * Internal Mentor, Walk With a Scholar
Merin George	* Co-ordinator, Walk With a Scholar * Member, NAAC Steering Committee * Local Co-ordinator, Science Academies' Lecture workshop on "Spectroscopic Techniques and Applications"
	* Local Co-ordinator, APT Talent Search Examination 2015 * Convenor, Seminar on "Sculpting Light – Holography and Applications" * Co-convenor, STARS * President, Physics Association RESONANCE 2016
Jerin Susan John	* Convenor, National Conference (ETAP-2016)
Dr. Arun Aravind	* Co-ordinator, Science Club * Internal Mentor, Walk With a Scholar* Convenor, National Conference (ETAP-2016) * Local Co-ordinator, APT Talent Search Examination 2016
Javeesh Alex	* Convenor, Rev. (Prof.) K C Mathew Endowment Lecture workshop on "Statistical Mechanics" * Convenor, Discipline Committee * Local Co-ordinator, Science Academies' Lecture workshop on "Basics of Relativistic Quantum Mechanics and Field Theory"

Summer Projects

The following students of M Sc Physics did their project works in institutes of National repute

NAME OF STUDENT	INSTITUTE
Thasni N	NIT, Thiruchirappally
Vinduja Karanaver	NIT, Thiruchirappally
Athira M K	NIT, Thiruchirappally
Sruthy Prabhakar	IISc, Bangalore
Surya Suresh	IISc, Bangalore
Haritha A K	Cochin University of Science and Technology

The following students have been selected for doing Summer Projects at institutes of National repute during April-May 2017

NAME OF STUDENT	INSTITUTE
Megha Murali	JNCASR, Bangalore
Revathy Subbavally	JNCASR, Bangalore
Pooja R Nair	IISc, Bangalore
Anu V Nair	IISc, Bangalore
Aksa M Job	IISc, Bangalore
Ann Nibana S L	IISc, Bangalore
Surya R Krishnan	IIT Mumbai
Surya Anna Mathew	IIT Mumbai
Adarsh T	IIT Dhanbad
Faslana E K	IIT Dhanbad
Divya P	Anna University
Manuja S	Anna University

Student Achievements

- Shehina Shaji bagged the third rank in the Kerala University M Sc Physics Examination, 2016.
- Megha Murali secured the fourth position in the Kerala University B Sc Physics Examination.
- Akhil Thomas Panicker was selected as one among the three best outgoing students of the College through the STARS programme in 2015-16.
- Vindhya P S (M Sc Physics) published a book chapter in the book titled "Methodologies and Applications for Analytical and Physical Chemistry" published by CRC Press with ISBN number 9781315159539
- Student manuscripts "DREAMS-2015" and "REFLECTIONS-2016" were prepared by the students.
- The Department stood first in the Cultural programme during Onam celebrations 2015 and third in 2016.

POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY

Chemistry Association

* The Department organized an invited talk on "Materials for Renewable Energy" by **Dr. V. Manikandan Nair**, Associate Professor & HoD, Dept. of Physics, Govt. College for Women, Thiruvananthapuram as a part of Chemistry Association inauguration on 29-1-2016.



Talk on Materials for Renewable Energy by Dr. V. Manikantan Nair

* Talk on "Mendeley Software" by **Ms. Rubie M. Sam**, (Research Scholar, Agro Paris Tech, France) was conducted on 8-3-2016.
* The Chemistry Association (**CHEMA-2016**) was inaugurated by **Dr. Suju C. Joseph**, Assistant Professor, Mar Ivanios College,

Thiruvananthapuram. The inaugural meeting was presided over by Dr. Sabu George, Principal, Bishop Moore College. The key note speech was delivered by **Dr. Suju C. Joseph** on "Medicinal Chemistry" * The Association celebrated the "**International Youth Day**" on **12th August 2016**. As a part of **International Youth Day celebrations**, a debate was arranged by the students on the topic, "Is Semester system a right choice?" * As a part of **The World Food Day** celebrations on October 16, 2016, a short film show and poster presentations was organised by the students to give awareness about the disastrous consequences of wasting food.

Infrastructure Upliftment

- Dedication of the renovated Department, Research Lab and newly furnished M.Sc Physical lab took place on 16th June 2016.

Bidding Adieu

- As a part of bidding adieu to the Head of the Department, Mrs. Jessy Anu Philip, a departmental staff tour to Alapuzha was arranged on 12th March 2016.

Orientation for Parents & Students

- An orientation programme was arranged for S-I students on 27th August 2016. Former Vice-Principal and H.O.D. of Department of Chemistry of the College, Rev. Itty Mathew was the resource person.



Orientation for S-I students by Rev. Itty Mathew

- An orientation programme for the parents of S-VI students was conducted on 5th January 2017 by Dr. Leelamma George, Former Principal and H.O.D. of Malayalam department of the College.



Orientation for parents by Dr. Leelamma George

Faculty Achievements

- **Dr. Sherely Annie Paul** published a paper entitled "Characterization of coconut shell powder" in the proceedings of Coir Kerala 2016. She also participated in the International seminar on "Coir and Natural fiber

Products" conducted by Coir Kerala 2016 at EMS stadium, Alapuzha on 1st and 2nd Feb 2016. She served as question paper setter for BSc. Degree Examination for Fatima Mata National College (Autonomous), Kollam. She was the chairperson of B.Sc Chemistry S-IV (Core and Complementary) theory and practical examinations, August 2016 and S-II Chemistry theory examinations, September 2016.

- **Siji K. Mary** participated in a one day cluster workshop for Coordinators and Internal Mentors of the Walk with a Scholar programme held at MSM College, Kayamkulam on 11th Feb 2016. She also attended One Day Outreach Program on Facilitating Innovation and Patent Filing hosted by International and Interuniversity Centre for Nanoscience and Nanotechnology (**IIUCNN**), Mahatma Gandhi University, Kottayam, Kerala and organized by the MHRD Chair on IPR and Inter University Centre for IPR studies (**IUCIPRS**), Cochin University of Science and Technology (**CUSAT**) **on Friday, 19th of August 2016**.
- **Deepa Thomas** presented a poster in the UGC sponsored National Seminar on "Emerging Trends in naomaterials" held at Sree Sankara Vidyapeetom College, Valayanchirangara on 9th and 10th July 2015. She presented a poster in Bioradiance '15 conducted by Pushpagiri Institute of Medical Science and Research Centre, Thiruvalla on 24th July 2015. An oral presentation about "Cationic Polymer coated Alginate Beads for the Oral Delivery of Rifampicin : In Vitro Studies" was also done in the National Seminar held at SN College, Chengannur on 4th to 6th August 2015. She participated in a workshop on Practicals in Chemistry conducted at Fatima Mata National College, Kollam on 10th Oct 2015. She presented a paper "Effect of concentration of Sodium alginate on the surface morphology of Calcium alginate microspheres- SEM investigation" in an International seminar STICA-2016 on 20th July 2016 at Christian College, Kattakada.
- **Linda E Jacob** attended a workshop organized jointly by FCBS, Trivandrum and JNCASR, Bangalore from 13-10-2016 to 15-10-2016 at Hotel Residency Tower, Trivandrum. She also attended the FLAIR Induction training programme from 26/09/2016 to 28/09/2016 held at Maria Rani Training Centre, Sreekariyam, TVM. She participated in a workshop for implementation of "Socio Legal Survey" under Soujanya Niyama Sahaya Vedhi at University Campus, Kariyavattom on 22nd Feb 2016. She attended discussion on UG Practicals in Chemistry Core and Complementary (Sem. 1V) at SD College, Alappuzha on 6th Aug, 2016. She attended FLAIR internship interview on 22nd November 2016 at Kerala State Science and Technology Museum, Trivandrum. She was a member of "**Malpractice Prevention**" squad during the period 8/6/2015 to 20-07-2016. She also received **Best Paper Presentation Award** in the UGC and KSCSTE sponsored National Seminar on "Smart Materials" organized by PG Dept. of Chemistry, SN College, Varkala in association with The Society for Polymer Science, Trivandrum Chapter on 8th and 9th March 2016.
- **Bessy Mary Philip**, presented a poster in ICMST-2016 at ST. Thomas College, Pala held on 5-8th June 2016. She also attended five days workshop on "Software SCHODINGER" at S N College, Chengannur from 24/12/16 to 30/12/16 and also participated in the workshop on Computational Chemistry and its Application conducted by KSCSTE on 31/12/16.
- **Rekha Rose Koshy** participated in one day cluster workshop for Internal Mentors of the Walk with a Scholar programme held at MSM College, Kayamkulam on 12th January 2017. She participated in UGC and KSCSTE sponsored National Seminar on "Smart Materials" organized by SN College, Varkala in association with The Society for Polymer Science, Trivandrum Chapter on 8th and 9th Mar 2016. She also attended a workshop on Practicals in MSc Analytical Chemistry held at SN College, Kollam On 27th August 2016 and discussion on UG Practicals in Chemistry Core and Complementary (Sem. 1V) at SD College, Alappuzha on 6th Aug, 2016.
- **Abha K.** presented a poster in National Conference on "Material Science & Technology" organized by Department of Physics, Bishop Moore College, Mavelikara from 4th-6th February 2015. She presented a paper in the UGC sponsored National Seminar on "New Horizons in Advanced Materials" organized by University

College, Thiruvananthapuram from 17th-18th September 2015. She also presented a poster in UGC sponsored National Seminar on "Advanced Analytical Techniques" organized by Mar Ivanios College, Thiruvananthapuram from 9th-11th March 2016. Another presentation was a poster in the International National seminar on "State of the Art of Instrumental Techniques in Compound Analysis" organized by Christian College, Thiruvananthapuram from 19th-20th July 2016.

- **Dr. Reshmy R.** (FDP) was a Resource Person in "Sasthramaduram-2016" organized by Mallappally Institute for Academic excellence under the financial support of KSCSTE, Thiruvananthapuram and presented a talk on Chemistry in everyday life on 18th April 2016. She published a research article on "Novel Thiazole binary system for effective sulphur vulcanization of natural rubber" in the International Journal of Applied Sciences and Engineering Research, Vol. 4, No. 4, 2015.

Orientation Programmes

- **Deepa Thomas** attended the 95th orientation programme at UGC HRDC, University of Calicut from 11th August 2016 to 7th September 2016.
- **Rekha Rose Koshy** attended the 149th orientation programme at UGC HRDC, Kariyavattom, Thiruvananthapuram from 4th November 2016 to 2nd December 2016.
- **Linda E Jacob** attended the FLAIR orientation programme 2016-2017, for new members on 1-09-2016 at Maria Rani Training Centre, Sreekariyam, Trivandrum.
- **Siji K. Mary** attended the 150th orientation programme at UGC HRDC, Kariyavattom, Thiruvananthapuram from 4th January 2017 to 2nd February 2017.

Exhibition

The Department organized an exhibition "ATOMIA-2016" on 28th October 2016 as a part of the "International Mole Day" celebrations. A book on "Nobel Laureates in Chemistry (1901-2016)" and a revised "Lab Manual" were published by the Department during the inaugural function of **ATOMIA 2016**.



Exhibition Inauguration - Atomia -2016

Student Achievements



Anju Sarath of S-VI Chemistry, was declared the best outgoing student of Bishop Moore College through the "The Star Of Moore" programme and she also was the **Kalathilakam** of 2015-16 Annual Arts Festival.



Arya Muraleedharan of S-II Chemistry participated in the **National level Basic mountaineering camp** at Uttarakhand

NAME	CLASS	ACHIEVEMENT
1. Ragendhu R. 2. Nitha S Kumar	S4 MSc S6 BSc	Scored the highest marks in M.Sc degree examinations, 2016. Scored the highest marks in B.Sc degree examinations, 2016.
1. Vaishak P. H. 2. Vishnu V.	S3 M.Sc	Attended a workshop from 13-10-2016 to 15-10-2016 organized jointly by FCBS, Trivandrum and JNCASR, Bangalore, at Hotel Residency Tower, Trivandrum.
Jincy Mariam Varghese	S4 MSc	Presented a paper on "Preparation and Characterization Of Citric Acid modified starch composite films" in the UGC Sponsored National Seminar and Training on machine Learning approaches A new Trend in quantum Mechanics held at SN College, Chengannur on 4 th to 6 th August 2015
Renjith B. Nelliylil	S4 MSc	* Presented a paper on "Synthesis and Characterization Of Spiropyran Molecule" in the UGC Sponsored National Seminar and Training on machine Learning approaches A new Trend in quantum Mechanics held at SN College, Chengannur on 4 th to 6 th August 2015. * He carried out his M.Sc. Project in NCL, Pune and has now joined NIIST, Thiruvananthapuram as a Project Fellow in the Photochemistry division
Nikhil S.	S4 BSc	* Selected as Best Administrative Senior in the Annual Training Camp conducted by 8 Kerala battalion held at AGRMHSS Vallikunam on 20 th to 29 th December 2015 * Attended Pre-IGC for Thal Sainik Camp (TSC) and was selected to IGC. * Attended Army Attachment camp conducted by 4 Bihar Regiment of Pangode Military camp holding the posts of Group Senior of Kollam group, Battalion Senior, Duty Senior and Institution Senior of Bishop Moore College * Attended one day Yoga Camp conducted by Central Govt. and NCC at DB College, Sasthamkotta on 21 st June 2015 * Attended the All India Biofest "Pranah 2015" conducted by the School of Bioscience, Macfast, Thiruvalla. * Selected as Senior Under Officer (SUO) of Bishop Moore College.
Nikhil Oommen Mathew	S4 BSc	* Participated in the All Kerala Quiz Competition organized by Dept. of Physics, CMS College, Kottayam * Participated in the All Kerala Quiz Competition "BRAINIAC" organized as a part of the PRANAH Biofest at the School of Bioscience, MACFAST, Thiruvalla on 1-12-2015 * Secured Third Prize in the Quiz Competition (All Kerala) organized by the Bharat Petroleum Ltd. Kochi Refinery as a part of the Environmental Conservation Week celebrations on 30-1-2016 * Participated in the All Kerala Quiz Competition "INQUIZITIVE" organized as a part of the IVANO- FEST '16 at Mar Ivanios College, Nalanchira on 11-3-2016
Nithin Babu	S1 BSc	* Mens Sports Champion in 2015-16 Annual Sports Meet * Member of College Volleyball Team * Participated in the State Level Youth volleyball competition

SPIRITUAL EMPOWERMENT COMMITTEE

Christmas Recital

A Musical Recital was organized on 15th December 2016 in association with the UESI. On the occasion Rev. Dr Daniel Johnson, Chairman of the Believers Medical College delivered the Christmas message.

Christmas Carol Service 2016

The Christmas Carol Service 2016 was held on 22nd December in the Seminar Hall. Prof. David Abraham, retired professor, Chengannur Christian College was the chief guest on the occasion.

The College Choir

The College Choir secured the first prize in the Intercollegiate Carol Competition organized by Christian College, Chengannur on 1st December 2016. Regular singing practice sessions were held in November under the leadership of Mr. John K John.



Winners of Intercollegiate Carol Completion

'Good Samaritan' TV Show

The students participated in two episodes of the TV show 'Good Samaritan' aired by the Athmeeya Yathra Channel which showcases prominent personalities who have made significant contributions to society.

DEPARTMENT OF ECONOMICS, HISTORY AND POLITICAL SCIENCE

AEPSH

The formal inauguration of the activities of AEPSH (Association of Economics, Political Science and History) for the academic year 2015-16, was done by Dr. Varghese Thomas, former HOD of Political Science, MSM College, Kayamkulam. He delivered a fruitful inaugural talk on the topic "Indian Democracy in the 21st Century: Challenges and Expectations". The meeting was presided over by the College Principal, Dr. Sabu George.

- The activities of the association for the year 2016-17 was inaugurated by Prof. P.J Oommen on 26th August 2016. Prof. P.J. Oommen presented a seminar on personality development and motivation. He motivated and encouraged the students.



Association Inauguration

- 15th October, the birthday of Dr. A P J Abhdul Kalam, is celebrated as World Students Day. AEPSH organized an interdepartmental quiz competition on the event of the First International Students Day on 15 October 2015. Along with the quiz competition, students arranged a slide show about the life of Dr. A.P.J Abdul Kalam entitled "Ignited Minds". Principal Dr. Sabu George handed over the trophy, along with books to the winners.
- The Department organized 'Ignited Minds'- 2016 the inter Department Quiz Competition on 14th October 2016.

- On the event of Gandhi Jayanti, October 2nd 2015, the Department successfully introduced an awareness programme on "Environmental Protection" by issuing bookmarks of 10 tips to protect the environment.
- In order to improve the communication skill of the students, the Department organized an effective communicative English learning class "Let's Speak Good English" on 15th January, 2016.

Bishop M M John Lecture

The Department organised Bishop M.M John Memorial Lecture on 15th February 2015. The talk on "Higher Education Reforms in Kerala" was delivered by the famous diplomat Mr. T. P. Sreenivasan, former UN Ambassador of India. Mr. T.P Sreenivasan was a foreign service official for 37 years and is the executive Vice Chairman of Kerala State Higher Education Council and Director General of Kerala International Centre. The host of questions asked by the students and the faculty further enlivened the proceedings. Before the inaugural ceremony, the Department made a presentation on the life of Bishop M.M John. Prof. M.M Thomas, former HOD, Department of Physics presented a reminiscence of the founder Bishop who was also the first Manger of Bishop Moore College.



Mr. T.P Sreenivasan delivering the lecture

Bishop M.M Memorial Lecture - 2016 was inaugurated on 27th October by Dr. K.N. Harilal who is an eminent Professor at CDS Trivandrum, an economist and Planning Board Member. He delivered an informative lecture on "Agrarian Question in Kerala".



Dr. K.N. Harilal inaugurating the Lecture

Prof. Elizabeth Mathew Memorial Cash Awards

The Department instituted the Prof. Elizabeth Mathew Memorial Award for those students who secure the highest marks in Economics at the College and University level. The memorial award function was organized along with Bishop M.M John Lecture on 15th February 2016. Cash prizes, mementos along with certificates were distributed by Mr. T.P Sreenivasan to Ms. Kavya Sree T.K., College Topper and Vijayalekshmi, University Topper in the presence of dignitaries.



Prof. Elizabeth Mathew Memorial Awards-2016 was presented to the university topper Ms. Reshma Rajeev, from S.N College for Women, Kollam and college topper Ms.Muralika K.S. by Dr. K.N. Harilal on 27th October 2016.



National Workshop

Department of Economics for the first time in its history, organized a two day National Workshop on 'Research Methodology and Data Analysis Using SPSS' Sponsored by UGC on 16th & 17th February 2016. The workshop saw the participation of 28 scholars from Kerala and outside.



The Workshop was inaugurated by Dr. Manju S Nair, Associate Professor and Head, Department of Economics, Karaivattom Campus, University of Kerala.

The Workshop Inauguration

The first session of the workshop was handled by Dr. Manju. S.Nair, erstwhile Professor and Head, Department of Economics, Kerala University. The subsequent sessions were taken by Dr. V. Nagarajan Naidu, Associate professor & Head, Department of Economics, University College, Thiruvananthapuram. The valedictory session

was inaugurated by Dr. A. Abdul Salem, Professor, Department of Economics, Kerala University. The certificates of the workshop were presented to the participants by the principal Dr. Sabu George. The workshop concluded with a vote of thanks by Dr. P.K Varghese.

National Seminar

The Department organized a National Seminar on the topic 'Human Rights Perspectives on Development and Displacement' on 22nd and 23rd of February 2016. The two day seminar was inaugurated by Dr.S.P Udayakumar, activist and convener of PMANE. The keynote address was delivered by Dr.J Prabash, Former Pro-Vice Chancellor of University of Kerala and Head of the Department of Political Science University Of Kerala.



The first plenary session was by Dr.S P Udayakumar who talked on the topic 'Reading development as a disaster'. In the second plenary session, C R Neelakandan (environmental activist) talked on "Human rights and sustainable development"

Market Visit



Field trip was organised on 31st August 2016. Sixth semester students visited Kallumala market and studied the setting of prices and the functioning of the market.

Financial Literacy Class



A Financial literacy class was conducted on 6th October 2016 by Prof. Shibin Philip, Former Faculty of the Department and a resource person of SEBI.

Onam Celebration

The Department won the second prize in the Onam 'pookkalam' competition

DEPARTMENT OF MALAYALAM

മലയാളഭാഷയുടെയും സാഹിത്യത്തിന്റെയും ചരിത്രത്തിൽ മാവേലിക്കരയ്ക്ക് സവിശേഷസ്ഥാനമാണുള്ളത്. കണ്ണശ്ശമാരിലൂടെ സമാരംഭിച്ച ഓണാട്ടുകരയുടെ സാഹിത്യപാരമ്പര്യം ഏ.ആർ. രാജരാജവർമ്മയിലൂടെ മലയാളത്തിന്റെ തന്നെ ശാശ്വതശക്തിയാരയായി. റവ. ജോസഫ് പീറ്റർ, റവ. ജോർജ്ജ് മാത്തൻ തുടങ്ങിയ മിഷനറിമാരും ശ്രീ. ചിത്രമെഴുത്ത് കെ.എം. വർഗീസ്, ശ്രീ. പാറപ്പുറത്ത്, പ്രൊഫ. വി.പി. ശിവകുമാർ, പ്രൊഫ. നരേന്ദ്രപ്രസാദ്, പ്രൊഫ. എരുമേലി പരമേശ്വരൻ പിള്ള തുടങ്ങിയ സർഗ്ഗപ്രതിഭകളും മലയാള ഭാഷാസാഹിത്യചരിത്രത്തിൽ മാവേലിക്കരയുടെ സ്ഥാനം അഭിതീയമാക്കി. മാവേലിക്കരയുടെ സമ്പന്നമായ ഭാഷാസാഹിത്യഭൂമികയുടെ മഹത്വത്തോട് നീതി പുലർത്തുകയെന്ന ഉത്തരവാദിത്തം ഏറ്റെടുത്തുകൊണ്ടാണ് ബിഷപ്പ് മുൻ കോളജിൽ മലയാളവിഭാഗം തുടക്കം മുതൽ പ്രവർത്തിച്ചുവരുന്നത്. പഴമയോടുള്ള ബന്ധം നിലനിർത്തുവാൻ ശ്രദ്ധിക്കുമ്പോഴും പുതിയകാലം നൽകുന്ന സാധ്യതകൾ സാക്ഷാത്കരിക്കുവാൻ മലയാളവിഭാഗം ജാഗ്രത പുലർത്തിപ്പോന്നു. 2015-16 അധ്യയനവർഷത്തെ പ്രവർത്തനങ്ങളും ഈ പാരമ്പര്യത്തെ നിലനിർത്തി കൊണ്ടുള്ളതായിരുന്നു. കോളജിന്റെ പൊതുവായ പ്രവർത്തനങ്ങളിൽ സജീവ പങ്കാളിത്തം വഹിച്ചതോടൊപ്പം മലയാളവിഭാഗം സ്വന്തമായ പ്രവർത്തനങ്ങളും സംഘടിപ്പിച്ചു. മലയാളസമാജം, റവ. ജോർജ്ജ് മാത്തൻ സ്മാരക പ്രഭാഷണം, മലയാളവ്യാകരണപഠന ദേശീയസെമിനാർ എന്നിവയായിരുന്നു അവയിൽ പ്രധാനം.

മലയാളഭാഷയും സാഹിത്യവും ഐച്ഛികവിഷയങ്ങളായി പഠിക്കുന്ന 140 വിദ്യാർത്ഥികളുടെ കൂട്ടായ പ്രവർത്തനമാണ് മലയാളസമാജത്തിന്റെ എടുത്തുപറയേണ്ട പ്രത്യേകത. മുൻ പ്രിൻസിപ്പൽ ഡോ. ലീലമ്മ ജോർജ്ജാണ് സമാജം പ്രവർത്തനങ്ങളുടെ ഔദ്യോഗികമായ ഉദ്ഘാടനം നിർവഹിച്ചത്. പൂർവവിദ്യാർത്ഥിയും പത്രപ്രവർത്തകനുമായ ശ്രീ. ആർ. ശരത്ത് 'മാധ്യമലോകം' എന്ന വിഷയത്തെ ആധാരമാക്കി നടത്തിയ പഠന ക്ലാസ്സും ഡോക്ടറൽ ബിരുദം നേടിയ മലയാളവിഭാഗം അധ്യാപകൻ ഡോ. ആർ. ഹരിശ്ചന്ദ്രൻ നൽകിയ സ്വീകരണവുമായിരുന്നു ഇതരപ്രധാനപ്രവർത്തനങ്ങൾ. ഓണം, ക്രിസ്തുമസ്സ് ആഘോഷങ്ങളും, കായികകലാ മേളകൾ എന്നീ പരിപാടികളിൽ വിദ്യാർത്ഥികളുടെ സജീവപങ്കാളിത്തം ഉറപ്പുവരുത്താനും മലയാളസമാജത്തിനു കഴിഞ്ഞു.

മലയാളവിഭാഗത്തിന്റെ ആഭിമുഖ്യത്തിൽ മുപ്പതു വർഷമായി നടന്നുവരുന്ന റവ. ജോർജ്ജുമാത്തൻ സ്മാരകപ്രഭാഷണപരമ്പര ഈ വർഷവും ഭംഗിയായി സംഘടിപ്പിക്കപ്പെട്ടു. പ്രസിദ്ധ ചരിത്രകാരനും പുരസ്കാരസമ്പന്നനുമായ ഡോ. എം.ജി.ശശിഭൂഷൺ 'ഓണാട്ടുകരയുടെ സാംസ്കാരികപാരമ്പര്യം' എന്ന വിഷയം അവതരിപ്പിച്ചു നടത്തിയ പ്രഭാഷണം ശ്രദ്ധേയമായിരുന്നു. ഒട്ടേറെ സാംസ്കാരിക പ്രവർത്തകളുടെ സാന്നിധ്യം ചടങ്ങിനെ ആകർഷകമാക്കി.

യു.ജി.സി.യുടെ ധനസഹായത്തോടെ നടത്തിയ 'മലയാളവ്യാകരണപഠനം-വ്യത്യസ്ത സമീപനങ്ങൾ' എന്ന ദേശീയസെമിനാർ ഉള്ളടക്കം കൊണ്ടും പങ്കാളിത്തംകൊണ്ടും ഏറ്റവും മികവു പുലർത്തി. കേരള സർവകലാശാലയുടെ പൗരസ്ത്യപഠനവിഭാഗത്തിന്റെ മുൻ അധ്യക്ഷൻ



ഡോ. എൻ. സാം ഉദ്ഘാടനം ചെയ്ത സെമിനാറിൽ ഡോ. ഏവൂർ ശ്രീനാരായണൻ, ഡോ. കൃഷ്ണൻ നമ്പൂതിരി, ഡോ. ടി.എ. സുധാകരക്കുറുപ്പ്, ഡോ. എൻ. രാജേന്ദ്രൻ തുടങ്ങിയ പ്രമുഖരും പങ്കെടുത്തു. വിവിധ കോളജുകളിൽനിന്നായി നാല്പതോളം അധ്യാപകരും ഗവേഷണവിദ്യാർത്ഥികളും സെമിനാറിൽ സംബന്ധിച്ചു.

2016 - 2017 അധ്യയനവർഷത്തെ പ്രവർത്തനോദ്ഘാടനം നിർവഹിച്ചത് ഡോ. ആർ ഹരിശ്ചന്ദ്രൻ ആണ്. വൃത്തശാസ്ത്രപഠനം സംബന്ധിച്ച് അദ്ദേഹം ചെയ്ത പ്രഭാഷണം ശ്രദ്ധേയമായിരുന്നു.

മലയാളവിഭാഗത്തിന്റെ മുൻ അധ്യക്ഷൻ പ്രൊഫ. കോശി തലയ്ക്കൽ 'വിദേശ രാജ്യങ്ങളിലെ മലയാളപഠനം' എന്ന വിഷയത്തെ സംബന്ധിച്ച് വിദ്യാർത്ഥികളുമായി സംവദിച്ചു.

കോളജ് മുൻ പ്രിൻസിപ്പലും മലയാളവിഭാഗം മേധാവിയുമായിരുന്ന ഡോ. ലീലമ്മ ജോർജ്ജ് 'വിവരസാങ്കേതികവിദ്യയും മലയാളഭാഷയും' എന്ന വിഷയത്തിൽ പ്രഭാഷണം നടത്തി. എല്ലാ വർഷങ്ങളിലെയും പോലെ ഓണം ക്രിസ്തുമസ്സ് ആഘോഷങ്ങളിലും മലയാളവിഭാഗം സജീവമായി പങ്കെടുത്തു.

മലയാളഭാഷയ്ക്കും സാഹിത്യത്തിനും വിപുലസംഭാവനകൾ നല്കി കൊണ്ടിരിക്കുന്ന ഭാഷാപോഷിണി മാസികയുടെ പുനഃപ്രസിദ്ധീകരണത്തിന്റെ നാല്പതാം വാർഷികം പ്രമാണിച്ച് പുനഃപ്രസിദ്ധീകരണം മുതലുള്ള എല്ലാ ലക്കങ്ങളുടെയും പ്രദർശനം സംഘടിപ്പിച്ചു. ഭാഷാപോഷിണി എഡിറ്റർ ഇൻ ചാർജ്ജ് ശ്രീ. കെ.സി. നാരായണൻ പരിപാടികൾ ഉദ്ഘാടനം ചെയ്തു.

കേരളപ്പിറവിയുടെ അറുപതാം വാർഷികം ഒരാഴ്ച നീണ്ടു നിന്ന പരിപാടികളോടെ മലയാളവിഭാഗം ആഘോഷിച്ചു. ആഘോഷങ്ങളുടെ ഭാഗമായി അക്ഷരശ്ലോകസദസ്സ്, സംഗീതസദസ്സ്, പ്രശ്നോത്തരി, സിനിമാപ്രദർശനം, പുള്ളുവൻപാട്ട് അവതരണം എന്നിവ സംഘടിപ്പിച്ചു. മാധ്യമപ്രവർത്തകനും സാമൂഹിക പ്രവർത്തകനുമായ പ്രൊഫ. ഫക്രൂദ്ദീൻ അലിയുടെ സാന്നിധ്യം ആഘോഷങ്ങളെ മഴിവുറ്റതാക്കി.

എല്ലാ ക്ലാസ്സിലെയും രക്ഷാകർത്താക്കളുടെ യോഗം വിളിച്ചുചേർത്തും മലയാള വിഭാഗം ഗ്രന്ഥശാലയിലെ പുസ്തകങ്ങളുടെ എണ്ണം വർദ്ധിപ്പിച്ചും മറ്റും വിദ്യാർത്ഥികളുടെ പഠനനിലവാരം ഉയർത്തുവാനുള്ള പ്രത്യേകശ്രദ്ധ മലയാളവിഭാഗം പുലർത്തിവരുന്നു. മലയാളം ബി.എ. ആരംഭിച്ചതിന്റെ സുവർണജൂബിലി ഘട്ടത്തിലേക്കു കടന്നിരിക്കുന്ന ഈ അവസരത്തിൽ കൂടുതൽ സമർപ്പണബുദ്ധിയോടും പ്രതിബദ്ധതയോടും കൂടിയ പ്രവർത്തനങ്ങൾക്ക് രൂപം കൊടുക്കുവാൻ മലയാളവിഭാഗം പ്രതിജ്ഞാബദ്ധമാണ്.

ARTS FESTIVAL 'KALASARITH 2015-16'

The College Union, under the guidance of the Arts Convener, Dipu Joseph organised the arts festival 'Kalasarith' on 22nd, 23rd and 24th February 2016 as per the rules and regulations of the University of Kerala. It was a three day event, which saw the staging of more than 40 items and the hosting of 24 off stage events. Hundreds of students participated and showcased their myriad talents. It was also a selection process to the University Youth Festival. The events were judged by a panel of experts, and the winners participated in university youth festival and other inter collegiate programmes.

The following is a list of the winners of Kerala University Youth Fest 2015-16 held at Chengannur:

Katahakali	1 st	Vivek G Nampoothiri
Aksharaslokam (Malayalam)	1 st	Indhu T R.
Aksharaslokam (sanskrit)	1 st	Indhu T R.
Percussion (western)	3 rd	Jackson Mathew
Rangoli	3 rd	Gayathri
Recitation (English)	3 rd	Kavya Jayan

POST GRADUATE DEPARTMENT OF BOTANY AND BIOTECHNOLOGY

Botany Biotechnology Association

- The Botany and Biotechnology Association 2015-2016 was inaugurated by Dr. Manoj P., Scientific Officer, RGC, Thiruvananthapuram on 24th Feb 2016. He delivered a keynote address on "Agrobacterium mediated plant transformation and an overview on next generation sequencing (NGS)".



Dr. Manoj P, Delivering Keynote Address

- Science Club and Botany and Biotechnology Association (2015-16) jointly organized an invited talk on "Carbon neutrality" on 24.11.2015, delivered by Dr. Athira O, Asst. Professor of Biotechnology, Amrita Institute.
- The Department of Botany and Biotechnology celebrated the International Year of Pulses (IYP- 2016) as "PULSES 2016" in association with Science club of the College, with sponsorship from the Kerala State Council for Science and Technology (KSCSTE), Thiruvananthapuram. PULSES-2016 focused on enlightening the students about the importance of pulses in diet and motivating them to preach and practice the message of IYP. Dr. Annie Ninan, Associate Professor, Department of Family and Community Medicine, Unity Women's College, Manjeri, Malappuram inaugurated the programme and delivered a key note address on "Nutritional Benefits of pulses" on 22/07/2016. The Seminar focused on the nutritional benefits of pulses as part of sustainable food production aimed towards food security and nutrition. More than 50 scholars from different Colleges participated in the seminar.



Dr. Annie Ninan inaugurating PULSES 2016

- An Intercollegiate Quiz Competition on pulses was organized as part of Pulses-2016 on 14/12/2016. Dr Asha Ramachandran was the Quizmaster of the programme. Mr Harikrishnan P. and Ms. Amritha from N. S. S. College, Pandalam won the first prize. Ms. Anusha Unni and Ms. Keerthy S. N. from Bishop Moore College

bagged the second prize. Ms. Athulya Shaji S. and Ms. Anjali S. from M. S. M. College, Kayamkulam secured the third prize.



Mr Harikrishnan P. and Ms. Amritha of N. S. S. College, Pandalam receiving cash award and certificate

- A slide show on "Diversity of Pulses in India" was organised on 4/12/2016. Dr. A. Sivaprasad led the programme with a Power Point presentation.



Dr. Sivaprasad A, presenting the slide -show on 'Diversity of Pulses in India' He briefed the audience about the enormous diversity of pulses in India.

Retirement

- Mr. Sunny Mathew, Lab Assistant of the Department retired on 29-02-2016 after 26 years of illustrious service. The Department conducted a farewell function on 24th Feb 2016.

Student Achievements



- Ms. Ramyasree P.R. secured first rank in the M. Sc. Botany examination conducted by University of Kerala in September 2015.



- Ms. Athira RK Nair secured first rank in M. Sc. Botany examination conducted by University of Kerala in September 2016.

- Ms. Vrunda Raghavan, Mr. Jijo C. Varghese and Ms. Archana secured CSIR-JRF (Life Sciences) in December 2015; Ms. Ramyasree P.R. and Ms. Aswathy secured CSIR-JRF (Life Sciences) in June 2016

Student Publications

- Prasanth G. Williams, Dulip Daniels A.E., Brijithlal N.D., Bhagya M., G. Prakash Williams. In vitro antibacterial activity of high altitude bryophytes against drug resistant bacterial pathogens. Int. Journal of Pharma. and Bio Sciences 2015 (IF-5.1) ISSN 0975-6299.
- Prasanth G. Williams, M. Reginald Appavoo, Brijithlal N.D., Reshma Surendran, and G. Prakash Williams. (2016) In Vitro Antibacterial Activity, Phytochemical Analysis and Inhibitory Concentration of Bryophytes against Drug Resistant Bacterial Pathogens. Manuscript ID: BI-1450, International Journal of Advanced Biotechnology and Research 7(2): 669-676
- Prasanth G. Williams, M. Reginald Appavoo, Brijith Lal N.D, Athira

Aravind, G. Prakash Williams. Antibacterial activity and phytochemical analysis of selected bryophytes against penicillin resistant bacterial pathogens, South Indian Journal Of Biological Sciences 2016; 2(3); 360-366.

- G. Prakash Williams, Anju Anand, Parvathy A., Rakky C. Raj, Robert Raju and S. Krishna kumar. In vitro antibacterial potential of halophilic bacterial secondary metabolites from salted fish" International Journal of Pharmaceutical Sciences and Drug Research 2016 8(4): 235-239

Faculty Achievements

Second PG degree

- Dr. Prakash G. Williams obtained his second Post Graduation in Clinical Nutrition and Dietetics, University of Kerala.

Refresher Course

- Dr. Brijithlal ND attended a special summer school (refresher course) at Academic Staff College, University of Kerala during 14.10.2016 to 03.11.2016

Seminars / Workshops Attended

- Dr. Santhi W.S. and Dr. Jisha S. attended a national seminar on "Recent trends in organic waste management" organized by NSS college, Pandalam from 14 to 15, October 2015.
- Dr. Sivaprasad A. attended a national seminar organized by Govt. College, Chittur
- Dr. Prakash G. Williams attended a two day National Workshop on Next Generation Sequencing Data Analysis on 28&29th, January, 2016 in Manonmaniam Sundaranar University, Tirunelveli
- Dr. Prakash G. Williams attended the Lecture Workshop on Recent Trends in Life Sciences on 26th, June, 2015 at MACFAST
- Dr. Prakash G. Williams attended the seminar on Insight Into Recent Trends in Biological Sciences and Technology, from 29th-30th September, 2015 and presented a paper on Invitro antibacterial potential of Secondary metabolites of marine halophilic bacteria *Ralstonia mannitolytica*
- Dr. Prakash G. Williams participated in the Two day Workshop on Research Methodology on May 29-30th 2015 at Kariavattom campus, University of Kerala
- Dr. Prakash G. Williams participated in the four day National Multidisciplinary Annual Research Conference organized by IQAC cell, from 15th to 18th December, 2015
- Dr. Prakash G. Williams and Brijithlal ND participated in the 'National Workshop on Research Methodology and Data analysis using SPSS' conducted by Department of Economics, Bishop Moore College, Mavelikara, from 16th to 17th February, 2016
- Dr. Prakash G Williams attended a seminar on "Research Prospects in Modern Biotechnology" sponsored by the Directorate of Collegiate Education, Govt. of Kerala on 14th December, 2016 at the Govt. College, Kariavattom
- Dr. Prakash G Williams attended the National Seminar on Microbial Technologies for Environment Management, in the University College, Trivandrum on 14th December, 2016
- Dr. Asha Ramachandran attended a National Seminar on "Trends in nanoscience and functional genomics" organized by the Dept. of Biosciences, MES College, Aluva from 15th to 16th November 2016.
- Dr. Asha Ramachandran attended the FLAIR Orientation Programme 2016-17 organized by the Dept. of Higher education, Govt. of Kerala on 01.09.2016 at Maria Rani Centre, Sreekaryam, Thiruvananthapuram.
- Dr. Asha Ramachandran attended the FLAIR Induction Training Programme organized by the Dept. of Higher

education, Govt. of Kerala from 26.09.2016 to 28.09.2016 held at Centre for Water Education, Thiruvananthapuram.

- Dr. Santhi W.S. attended the FLAIR Orientation Programme 2016-17 organized by the Dept. of Higher education, Govt. of Kerala on 31.08.2016 at Maria Rani Centre, Sreekaryam, Thiruvananthapuram.
- Dr. Santhi W.S. attended the FLAIR Induction Training Programme organized by the Dept. of Higher education, Govt. of Kerala from 03.10.2016 to 05.10.2016 held at Centre for Water Education, Thiruvananthapuram.
- Dr. Santhi W.S. attended a one-day Workshop on "Molecular Biology techniques" organized by the Dept. of Botany and Biotechnology, Govt. Arts college, Thiruvannathapuram held on 02.12.2016.
- Dr. Asha Ramachandran attended a National Seminar on "Plant-Microbe Interactions: Present scenario and future trends" organized by the Dept. of Botany, Govt. Arts and Science College, Kozhikode from 14th to 16th December 2016.
- Dr. Dinesh Raj R. attended a National Seminar on "Plant-Microbe Interactions: Present scenario and future trends" organized by the Dept. of Botany, Govt. Arts and Science College, Kozhikode from 14th to 16th December 2016.

Training Programmes Attended

- Dr. Prakash G Williams attended a one-day awareness or sensitization programme on "Intellectual Property Rights" organized by the Ministry of Micro, Small and Medium Enterprises Training Institute, Thiruvalla (Govt. of India) at NIIST, Pappanamcode on 14th July, 2016.
- Dr. Prakash G Williams participated in 'the National Level Knowledge Training workshop on "Writing of Research Proposals, Thesis, Reports and Papers" conducted by Christ University at the Nodal Office, Vazhuthacadu, Trivandrum on 29th & 30th April 2016.

Publications

- Prasanth G. Williams, Dulip Daniels A.E., Brijithlal N.D., Bhagya M., G. Prakash Williams. In vitro antibacterial activity of high altitude bryophytes against drug resistant bacterial pathogens. Int. Journal of Pharma and Bio Sciences 2015; ISSN 0975-6299.
- S. Krishnakumar, Sindu Divakaran, G. Uma Shankar, Prakash G. Williams and M. Sasikumar. Extracellular biosynthesis of silver nanoparticles (Ag-NPs) using *Fusarium oxysporium* (MTCC-2480) and its antibacterial efficacy against gram negative human pathogens. Journal of Chemical and Pharmaceutical Research, 2015, 7(1): 62-67.
- Lubaina A.S, Jyothi Lekshmi G, Brijithlal ND, Murugan K, India. "Screening of Phytochemicals and its Antioxidant Potentialities from *Pallavicinia yelliini* - a Thaloid Liverwort "International Journal of Pharmaceutical Sciences Review and Research ISSN 0976-044X 15: 492
- Lubaina AS, Soumya R. Raj, Brijithlal ND and Murugan K. Phytochemical analysis and bactericidal potentiality of *Pogonatum microstomum* schw. World Journal of Pharmaceutical Research Volume 4, Issue 10, 1692-1704.
- Prasanth G. Williams, M. Reginald Appavoo, Brijithlal N.D., Reshma Surendran, and G. Prakash Williams. (2016) In Vitro Antibacterial Activity, Phytochemical Analysis and Inhibitory Concentration of Bryophytes against Drug Resistant Bacterial Pathogens. Manuscript ID: BI-1450, International Journal of Advanced Biotechnology and Research 7(2): 669-676.
- Prasanth G. Williams, M. Reginald Appavoo, Brijithlal N.D, Athira Aravind, G. Prakash Williams. Antibacterial activity and phytochemical analysis of selected bryophytes against penicillin resistant bacterial pathogens, South Indian Journal Of Biological Sciences 2016; 2(3); 360-366.
- G. Prakash Williams, Anju Anand, Parvathy A., Rakky C. Raj, Robert Raju and S. Krishna kumar. In vitro antibacterial potential of halophilic bacterial secondary metabolites from salted fish" International Journal of Pharmaceutical Sciences and Drug Research 8(4): 235-239.
- Beena, V. L. Subhash, C. P. and Brijithlal, ND (2016) Studies on antidiabetic activity of *Aegle marmelos* (L.) Corr. serr. in normal and alloxan induced diabetic rats. Asian journal of Science and technology 07: 11, 3880-3885.
- Lubaina AS, Brijithlal ND and K Murugan (2016) Unravelling desiccation and rehydration tolerance mechanism in the fern, *Adiantum latifolium*. Biosci. Biotech. Res. Comm. 9(4): 672-679 (2016).
- Lubaina A.S., Brijithlal N.D. and Murugan K. (2016) Phytochemical analysis and antioxidant potentiality of *Premna serratifolia* L. - an aromatic medicinal plant. World Journal of pharmaceutical Research 5(12), 841-852

NATURE CLUB

Sensitizing the students of the College, their parents and the society in general, towards the importance of preserving Nature and greening the Earth further has been the avowed aim of the 47 members of The Nature club and its convener Dr. Reeja Jose, Assistant Professor, Dept. of Zoology. The following activities were a result of the Club's endeavours:

Environment Day Celebrations

In connection with "World Environment Day Celebrations- 2015, Nature related reports were invited from the students of the College and it was decided to give the "Best Nature Reporter Award" for the best report.

Wild Life Week Celebrations

Nature Club celebrated Wild Life Week by organizing the following programmes:

Video show

A Video show on wildlife was arranged on 12th October 2015 in college seminar hall. About 65 students participated in this show.

Essay Writing Competition

Interdepartmental Essay writing competition was conducted on the second day (October 14th).

Painting Competition

On 15th October an Inter-School Painting Competition for Upper Primary and High School

section was conducted. For the High School section, Ghanasyam S. (X.B) of Vidyadhiraja Vidyapeetom Central School, Mavelikara won the first prize and Rakhi G. Hari (IX.B) of K.K.M.G.V.H.S.S, Elippakulam won the second prize. Surya Samyog P. (VII.B) of St. Mary's Cathedral Public School, Puthiyacavu won the first prize for UP section and Aswin S. Kumar (VI A) of Sree Narayana Central School, Cherukunnam won the second prize. Trophies and Certificates for the winners were distributed on 30th November in College seminar hall.

Bird watching Day Celebrations

Nature Club members celebrated National Bird watching day on 12th November 2015 by presenting a sideshow regarding "Common Birds". More than 65 participants attended this programme.

Survey on Water and Soil Quality

The members of Nature Club prepared a questionnaire for gathering information regarding the existing scenario of water and soil in Mavelikara Taluk. The survey was conducted in eight panchayaths of Mavelikara Taluk during the last week of December.

Essay Competition

Nature Club conducted a College level Essay writing competition on 19th January, for selecting the best entries from the College for participating in T. Shahul Hameed Environmental Essay Competition 2016, organised by PG and Research Department of Zoology, FMN College, Kollam.

Visit to Thenmala

Nature Club arranged a one-day trip to Thenmala Ecotourism Centre on 26th March,

2016. 45 members along with three teaching staff were a part of this trip.

Valedictory Function

The Valedictory function of the club was held on 13th June, 2016. 'Haritha Spandhanam' the manuscript prepared by club members was released in this function by the Principal. The winners of various competitions conducted by Nature club were honoured with trophies in this programme.



Release of Manuscript "Haritha Spandhanam"

Interdepartmental Quiz Competition on Birds

The club celebrated 'National Bird watching day' by conducting an Interdepartmental Quiz Competition on 17th November 2016. Students from ten departments participated in this competition. B.Com (Finance) won the first prize and B.Com (Computer Applications) won the second prize.

World Soil Day Celebrations

As a part of soil day celebrations, Nature Club arranged a Power-point Presentation on 19th December 2016. Ms. Rakhi R. (S3 Botany) did this presentation. More than 55 participants attended this programme.

BHOOMITRASENA SCHEME

The Bhoomithrasena unit is lead by Dr. Prakash G. Williams, Assistant Professor of Biotechnology, Department of Botany and Biotechnology.

Environmental Day Celebration

The first one day camp was held on Environmental awareness June 6th, 2015 at the College premise. It was conducted as part of *Environmental Day observation* and was jointly organised by the Bhoomithrasena Club and National Service Scheme, Bishop Moore College, Mavelikara. The forest department gifted 1000 tree saplings to the College.

Beautification of the Campus

A one day camp was organized on 24th November, 2015 at the College for campus beautification. Members cleaned the Campus and planted various flowering plants inside the campus. Beautiful grass plants were planted in the College portico.

Campaign Against Plastics

The College premises including the verandas were cleaned and made into a "Plastic free Cam-

pus'. All the club members participated in the programme. The club members collected and disposed off plastic pens, refills, wrappers, carry bags, kits etc.

Eco Garden

An Eco Garden was constructed by the Bhoomithrasena Club members in the Quadrangle of Botany and Biotechnology Department.

Short Film Competition

An inter-departmental Short Film competition was held on 1st February, 2015 in association with Folklore and Performing Arts Club of Bishop Moore College campus, Mavelikara.

Essay Competition

An Environmental Essay competition was held on 10th February, 2016 at the Remedial Coaching centre, Bishop Moore College, Mavelikara jointly with BPCL, Kochi..

Painting Competition

A painting competition on Environment was held on 8th February, 2016 at the Remedial Coaching Centre, Bishop Moore College, Mavelikara jointly with BPCL.

Quiz Competition

An inter-departmental Environmental Quiz competition was held on 12th February, 2016 at the Seminar Hall, Bishop Moore College, Mavelikara jointly with BPCL.

Environmental Trip to Thenmali Ecotourism

On February 12th, 2016 Bhoomithrasena Club members organised an environmental study trip to Thenmali Ecotourism area.

Water Quality Project

A study was conducted by the Club members about the water quality of Kallumala region.

Helping the Endosulfan Victims



The Bhoomithrasena Club of Bishop Moore College contributed a cheque for Rs. 20,000/-for the rehabilitation of Endosulfan victims in coordination with *Malayala Manorama* in the presence of Shri. Mullakara Retnakatan MLA on 22.01.2016 at the College Auditorium, Bishop Moore College.

Project on Energy Conservation

A project on Energy conservation was planned among the students as the pilot project. Also energy conservation campaign was held on 23rd March and notices were distributed.

DEPARTMENT OF COMMERCE

Inauguration of Computer Lab

Rt. Rev Thomas K Oommen, Manager, Bishop Moore College, dedicated the newly constructed Department of Commerce Computer Lab in the month of December 2015.



Most. Rev. Thomas K. Oommen, Manager Bishop Moore College, Inaugurating Commerce Computer Lab and Smart Class Room

The Commerce Association

The formal inauguration of the Commerce Association was held on 4th October 2016. The Department organised the Inter departmental Quiz Competition on 13th October 2016, Inter Departmental Debate Competition on 5th October 2016, Inter Departmental Stock Game on 7th October 2016, Inter Departmental Advertisement Poster making competition on 6th October 2016, Commerce Exhibition on 11th October 2016 and Best Marketing Manager Game on 14th October 2016.



Inauguration of Commerce Association 2015 -16 by Mr. U Chiranjeevi, GM RBI Kochi.



Inauguration of Commerce Association 2016-17 by Mr. G Sivakumar, GM Banking Division RBI, Thiruvananthapuram.

Commerce Exhibition which showcases different still and working models was organised on 11th October 2016.



The Principal Inaugurating the Exhibition



Debate Competition



Sony G John

Academic Excellence

* Ms. Sony G John stood first in B.Com in the University of Kerala Examinations-2015 scoring an A+ grade. * Eight students of the 2012-15 batch, secured an A Grade in the University of Kerala Examination and the same number of students of the 2013-16 batch, achieved the same.

Seminars and Invited Lectures

* A One-Day Seminar on 'Payment System Customer Protection in Modern Banking' was organised on 7th August 2015. Mr. U Chiranjeevi, Manager, RBI Kochi addressed the audience.



Seminar on Payment System Customer Protection in Modern Banking

* The Department organised a One-Day Seminar on 'Supervision by RBI in the Indian Monetary System' on 4th October 2016. Mr. G Sivakumar, GM Banking Division RBI and Mr. K Santakumar, GM Non Banking Division RBI were the main speakers.

Financial Literacy Programme

As a part of the financial literacy program, a talk on 'Emerging Trends in Securities Market' was organised on 15th October 2016. Mr. Varghese Alexander from Finlord Securities led the class.

A talk on 'Emerging Banking Products in India' by Mr. Jacob Thomas, Financial Literacy Centre, Union Bank of India, Mavelikara was organised on 15th October 2016.

Orientation and Training Program for Students

A **training program** on Competitive Exams and Career Opportunities in Banks was conducted on 8th December, 2015 and 17th March 2016



Training program for Competitive examinations

A Mock Viva for final year students was organised on 18th March 2016 for equipping the students to face the university Viva voce Examination. The panel was made up of Dr. P.K Varghese (HOD, Department of Economics) and teachers of the Department of Commerce.

One day induction program was organised for the first year students on 11th July 2016 by the faculty members of the Department.

One day orientation program was organised on Saturday 27th August 2016. Mrs.Lincy Joseph Samuel took a counseling and motivation class. Dr. Harish Chandran, Rtd. Professor of Malayalam briefed the students about the CBCSS programme.



Counseling Class by Mrs. Lincy Joseph Samuel

One day personality development class on 'How to Grow Self' was conducted on 7th September 2016 for the final year students. The class was handled by the reputed trainer Mr. Sony Thomas



Personality Development Class by Mr. Sony Thomas

An Investors Awareness Program was conducted for the College staff on 7th September 2016 by Dr. Sajeev V.P, Head Department of Commerce, Bishop Moore College, Mavelikara

An orientation program by Mr. Anil, for seven different professional courses was organised on 19th January 2016.



Orientation for professional courses

Alumni Meeting

The Department Alumni meet was held on 24th December 2016.



Alumni interacting with the present students during Onam-2016

Extension Activities

Dr. Sajeev V .P, SEBI certified trainer for Financial Literacy Program took various classes in Schools and Colleges, including Mar Ivanious, College, Mavelikara during the academic year.



Financial Literacy Class by Sajeev V P

Educational and Social Support Program

Every year the Department selects a school and extends financial support to that school according to the need of the students. In June 2016 the second year students donated study material worth Rs. 4500 to a Lower Primary School in the vicinity.



Distribution of Study Material to School Students

As part of the social commitment, the Commerce Association donated Rs.10,000/- to an orphanage, Rs.10,310/- for the treatment of a cerebral palsy patient and Rs.24000/- to a student of the Department who was in need of financial support.

Industry Orientation - Students of the Department visited a TV channel 'Atmeyayathra' to understand its business model and studied the shooting of the Good Samaritan TV programme.



Media interaction

Industrial Visit - The final year students of 2013 batch visited Hindustan News Print Ltd Vellor on 11th October 2015 and the 2014 batch students visited Hindustan News Print Ltd on 24th September 2016.



Industrial Visit 2016

Achievements and other Activities

- Carol Rounds- A specialty of the department is the carol rounds of the final year students during Christmas season. The amount collected is used for charity.
- AIDS awareness campaign was initiated on the AIDS Day on 1st December 2016.
- Teachers' Day was celebrated with grandeur on 5th September.
- The Department won the first prize for the stage events during the Onam celebrations- 2016.
- The Department secured first prize in the Christmas Carol and Christmas Tree competition- 2016.
- The Department secured third place in the Annual Athletic Meet in 2016.
- Vivek G Nampoothiri secured first prize in Kathakali in the Kerala University arts festival 2016.
- Kerala University Judo champion Mr.Sachin K.S participated in the national judo competition held at Punjab in Jan 2016.
- Mr. Jalak Sharma was a part of the soft ball Kerala team in the interstate competition held at Punjab.
- Akhil Varghese and Vivek G represented Kerala University in All India Inter-university baseball and softball competition.
- Senior Under Officer Clinda Mary D'Cruz represented Kerala state for Special National Integration Camp (SNIC) held at Srinagar, Jammu & Kashmir.
- Corporal Anjaly Mariam George represented Kerala state in an attachment camp for SSB coaching held at Officers Training Academy, Gwalior.
- Junior Under Officer Gokul Kumar P attended Army Attachment Camp held at Pangode, Trivandrum. He also represented Kerala state in All India Trekking camp held at Kulamavu, Idukki.
- Sanil Mathew represented Kerala state for National Integration Camp held at Punjab.
- Keerthi Ashok won the 1st place in the Intercollegiate painting

competition held at NSS College, Pandalam in 2015 and 2016. She won 2nd prize in the painting competition conducted by Cochin Refinery. She also won 1st prize in Interdepartmental painting competition conducted by Botany department and Physics department. She won 1st prize for poster making competition conducted by Physical Education department. She won 1st prize in painting competition held by Nature Club of the College.

- Eight students from the department have participated in the College team in the intercollegiate baseball and softball competition.
- Sidharth, Sujith, Abhijith and Vipin participated in the college team in the Intercollegiate Volleyball Competition.
- Sreehari S Pillai won 2nd prize in Intercollegiate Quiz Competition held at Christian College, Chengannur.
- Rakhi won 3rd prize in Essay Competition conducted by Nature Club, BMC.
- Sreehari S Pillai and Sherin Mariam Philip have secured third prize in the Intercollegiate Debate Competition organised by MSM College, Kayamkulam on Demonetization. Sreehari represented the college for the three-day training program organised by WWS.
- Four students from the department participated in the 21 days training program of ASAP in 2016
- Four students of the department were elected in the Union Panel of the College. Aparna S was elected as Vice Chairperson, Akhila Anil and Jain Mariam Dany Koshy were elected as Lady Representatives and Narayanan Babu was elected as second year representative.

DEPARTMENT OF MATHEMATICS

Mathematics Association Inauguration

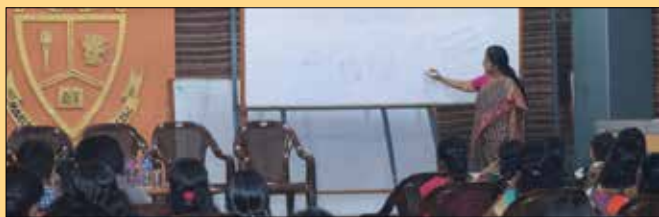
The activities of the Mathematics Association 2015-16 was inaugurated on 4th January, 2016, in the College Seminar Hall. Dr. Madhavan Namboodiri, Assistant Professor of Mathematics, Govt. College Nattakom, was the chief guest. A one-day Seminar on Graph Theory was also organised along with this event.



Association Inauguration

The activities of Mathematics Association 2016-17 was inaugurated on 6th October, 2016, in the College Seminar hall. Dr. S. Nirmala Kumari, Principal, SNGM Arts and Science College Thuravoor (former HOD of Mathematics), was the chief guest. She was honored on this occasion

for being awarded PhD. A one-day seminar on Domination in Graph Theory was organised on this occasion. Dr. Sabu George, Principal, Bishop Moore College, Mavelikara presided over the meeting. Dr. Jacob Chandy, Vice-Principal of the College and Dr. Renjith Mathew Abraham spoke on the occasion.



Seminar on Domination in Graph Theory

Intercollegiate Mathematics Quiz Competition

Prof. K J Johnson memorial 11th All Kerala Intercollegiate Mathematics Quiz Competition was held on 18th March, 2016. Prof. Boby P. Mathew of St.Thomas College, Pala was the Quiz Master. Students from various Colleges participated in this competition. Abhijith R and Vipin Venugopal of Bishop Moore College, Mavelikara won the first prize of Prof. K J Johnson Memorial Ever Rolling trophy. M.S.M College Kayamkulam won Bishop Moore ever rolling trophy for the second place. The third prize was bagged by Christian College Chengannur.



Study Tour

Study tour of Semester Six students was held from 7th January 2016 to 11th January 2016. The places of visit were Kodagu and Mysore.

Career Guidance

A Career Orientation Program for the S6 Mathematics students was conducted on 11th March, 2016. The session was handled by Mr.Varun. R, of T.I.M.E. Coaching Centre, Mavelikara. He elaborated on the various career opportunities for the students graduating in Mathematics.

Achievements of Students

2015 - ● Miss Asha Soman, Miss Asha Poorna L.S and Miss Reshma G excelled in the 2015 University of Kerala Examinations by securing an A Grade ● Mr.Anand R was selected as the best outgoing student of the College through The Star Of Moore programme. He also got Campus Placement in three multinational companies viz. INFOSYS, WIPRO & TCS. ● Mr. Abhijith. R was selected as one of the top ten outgoing students of the College through the Stars of Moore programme. He also participated in the All Kerala Mathematics Quiz Competition organized by Dept. of Mathematics K.E.College Mannanam. ● Miss. Megha Mohanan was a member of College Basket Ball Team. ● Miss. Megha Mohan.R was Selected for Prathiba Scholarship by KSCSTE(2015-16) ● Mr.Abhijith. R & Mr.Vipin Venugopal got First Prize in Prof. K.J.Johnson Memorial All Kerala Inter Collegiate Quiz Competition held at Bishop Moore College, Mavelikara. ● Mr.Abhijith. R & Miss. Archa C.R. participated in the All Kerala Inter Collegiate Mathematics Quiz Competition organized by Jameela Beevi College of Teacher Education Kayamkulam.

● Mr.Abhijith. R & Mr. Nikhil. M participated in the All Kerala Inter Collegiate Mathematics Quiz Competition organized by Dept. of Mathematics K.E.College Mannanam.

Other Achievements

1. The Department won the third position in the Annual Arts Festival 2015.
2. The Department won the third position in the Annual Sports Meet 2015



3. The Department won the first prize in "Vilambara" procession of the Annual Arts Fest- 2015.
4. Nine students of the Department were selected for the ASAP Training Programme.

2016 - ● Miss Jeny K.Yesudasan, Miss Sneha Mary Joseph Mr.Abhijith.R, Miss.Neethu K.Pillai, Miss Reshma Ravikumar, Miss. Ajanya Sunil, Miss.Haripriya R and Miss.Neethu Chandran excelled in the 2016 University of Kerala Examinations by securing an A Grade. ● Miss. Megha Mohanan won the University of Kerala Inter Collegiate Judo Championship and was the member of the College Basketball team that won the 3rd position in the University event. ● Mr.Devanarayanan S. won 3rd prize in Kerala State Amature Athletic meet and won 3rd prize in University of Kerala Athletic meet ● Mr.Unnikrishnan V won the 2nd prize in inter departmental poster designing competition conducted by the Dept. of Physical Education. ● Miss Sreeja S and Miss Shina Mathew won the 2nd prize in the Inter departmental Quiz Competition conducted by the Dept. Economics.

Faculty Participation in Seminars

Simili Abraham

1. Participated in UGC Sponsored National Seminar on Mathematical Models and Methods in Applied Sciences held at K.E.College, Mannanam from 19th – 21 st December 2015.
2. Participated in *Inernational Research Workshop on Coding Theory and Fractals with applications to computer Science and Engineering* held at MACFAST Thiruvalla on 15th-17th December 2016.

One day Orientation Programme

A one day orientation programme for semester one students was conducted on 27th August, 2016. A motivational speech for students was arranged and the session was handled by the Psychologist Ashish Cherian Varughese .

POST GRADUATE DEPARTMENT OF ENGLISH

Prof. P.U Jacob Lecture

The Memorial Endowment Lecture of 2015 in honour of Prof. P.U. Jacob, former Head of the Department of English, Bishop Moore College, was delivered on September 30th 2015 by Dr.P.Radhika, who besides her active stewardship of the Department of English, Fatima Mata National College (autonomous), Kollam, is a leading research guide as well as a busy translator. In 2011 she won the prestigious ICWT award instituted by the University of California for her translation of S.K. Pottakad's *Oru Desathinte Kadha*. The topic chosen for the Lecture was **"Walking on Razor's Edge: The Art of Literary Translation"**. Her practical inputs and wisdom proved to be of immense help to the students.



Dr. P Radhika addressing the audience

Prof. P.U. Jacob Memorial Endowment Lecture-2016 was held on **6 Sept. 2016**. **Dr. Chandrika Balan**, noted writer and former Professor, All Saints College, Thiruvananthapuram delivered a talk on *Resisting Reader: Reading Strategies of Feminism*.



The Department with **Dr. Chandrika Balan**, Ms. Aabha Pradeep (S3 MA) and Midhula A (S5 BA) were awarded the Endowment Prize for consistent academic performance during their course of study.

National Seminar

A UGC Sponsored National Seminar on the topic **"Evolving Media in Post-Liberalization India"** was organised by the Department on 28th and 29th December, 2015. The Keynote Address was by Mr. Venkitesh Ramakrishnan [Senior Associate Editor, *The Hindu/ Frontline*]. Mr. Mohan Ramamoorthy [Faculty, Asian College of Journalism, Chennai] enlightened the audience on **"Digital**

Media: Generation Next". Dr. Fr. Francis Karackat [Principal, Don Bosco Arts & Science College, Angadikadavu and Chief Editor, Don Bosco Magazine] spoke on an issue of contemporary relevance: **"Ethics in Media"**. In addition to these valuable sessions, the Seminar was embellished by paper presentations by scholars from across the country.

Laurel Literaria

The annual literary fest of the department, **Laurel Literaria-2016** was dedicated to the Bard of Avon, William Shakespeare, on his 400th Death Anniversary.

The Inaugural Address was delivered by Prof. V.C. John [Former HOD, Department of English, Bishop Moore College, Mavelikara]. Mr. P. Prakash [Eminent Poet and Winner of Kerala Sahithya Academy and Odakkuzhal Awards & Translator of DC Books] gave the Keynote address. Prof. Josy Joseph [Associate Professor, Department of English, SB College, Changanacherry], an authority in the field of Shakespeare studies, captured the attention of the audience with his informative lecture on **"Reading/ Doing Shakespeare: Texts, Theory & Performance"**.



Prof. V.C. John lighting the Lamp

The highlights of Laurel Literaria 2016 include an All Kerala Inter- Collegiate Quiz Competition on Shakespeare, led by the quiz master Dr. Nair Anup Chandrasekharan, that was won by S.N.College, Kollam and also an All Kerala **"Alter the Climax Competition"** based on select Shakesperean plays.

Invited Talk / Training Sessions

- Eminent Scriptwriter Sri. John Paul addressed the students and the faculty of the Department on **"World Cinema" on 18th September, 2015**.



The Vice Principal Welcoming Shri John Paul

- On November 11th, 2015, Mr. Rajesh Mohan, Overseas Academy, Angamaly, Ernakulum took a class for UG students on **"How to Make English Learning Easy"**.
- Grammar and Communicative English sessions were conducted by B-Ghud Academy for UG students

- Theatre Workshop was conducted for the students of English by Mr Nooranad Suku on 18th August 2015.

Publications:

Books:

Nair, Anup Chandrasekharan, Henry Derozio: A Maverick Marvel. ISBN 978-3-659-44941-3 lap Lambert Academic Publishing, Av Akademikerverlag GmbH and Co. KG Germany, 2015

Articles

Ms. Giggy P Koshy

"The Imposed and the Innate: Writing of the Self in Bama Faustina's Karukku", *Redefining Stereotypes: Re-Reading Texts and Contexts*, SVRNSS College, Vazhoor and NSS College, Pandalam. ISBN 978-81928481-, pages (76-81) Feb/2016.

Dr. Nair Anup Chandrasekharan

- "Exploring the Mindscape of select Indian Renaissance Poets in the Context of the Colonial Encounter", *Indian Journal of Postcolonial Literatures*, Newman College, Thodupuzha, December 2015.
- "Mapping the Oriental Discourse in the Poetry of Toru Dutt", *English Activities Update*, Centre for Faculty Resource Development in English, Thiruvananthapuram, January 2015

Ms. Bhagyalakshmi Mohan

- "Historicizing the Silence of Japanese Canadians". *International Journal of Multidisciplinary Research Review* ISSN 2395-1877 VOL1 Issue 6. August 2015, pages (20- 26).
- "The New' Space and the New' Woman: Reading *Manhu* as a Transitional Movie". *Langlit*, ISSN 2349-5189 VOL2 Issue 2. November 2015, pages (45-48).
- "Yakshikathakalude Rashtriyam: Malayalam Horror Cinemakale Vayikkumbol". *Marunna Malayala Cinema: Bhasha Samskaram Samooham*. National Book Stall. ISBN 978-93-85725- 56-2, pages (320-325).
- "Wuthering Heights: A Strange Love Story Against Conventional Religion". *Redefining Stereotypes: Re-reading Texts and Contexts*. SVRNSS College, Vazhoor and NSS College Pandalam. ISBN 978-81928481-1-2, pages (58-62).

Anusha Das

- "*The Kiddie's Milieu*": *The Fascinating world of Children's Literature in Pune Research*, ISSN 2454-3454 VOLUME 1 ISSUE 3 November- December 2015.

Seminar Presentation and Participation

- **Dr. Nair Anup Chandrasekharan** presented a paper 'Green Parables' in the National Seminar organised by the Church of South India, Department of Ecological Concerns at Chennai on 24 and 25 August, 2016.
- **Dr. Nair Anup Chandrasekharan, Ms. Julie Thomas, Ms. Vidhu Vijayan and Ms. Neethu Mary Philip** presented papers in the UGC Sponsored National Seminar organised by the Department of Economics, History and Political Science, Bishop Moore College, Mavelikara on 22 and 23 February, 2016.
- **Dr. Nair Anup Chandrasekharan, Dr. Divya S and Mr. Premjith MR** participated in the international seminar on 'Decolonizing Theories of the Emotions' organised by The Centre for Women's Studies, University of Kerala from 11 to 13 November, 2015.

Ms. Bhagyalakshmi Mohan presented papers in the following Seminars:

- "Learning Through Multimedia: Perceptions of Primary Teacher Trainees on Multimedia as a Pedagogic Tool in their Training Programme, International seminar on Changing Trends in English Language Teaching, held at Hajee Karutha Rowther Howdia College, Uthamapalayam, on 14th August, 2015.

- 'Blogs as the Sites of Resistance: Reading Select Blogs Written by Women', UGC Sponsored National Seminar on Evolving Media in the Post Liberalization India, held at Bishop Moore College, Mavelikara, Kerala on 28th and 29th December, 2015.
- 'Claiming a Space of Their Own: Reading the Controversial Autobiographies by Malayalee Women'. UGC Sponsored National Seminar on Negotiating Marginalities: Gender, Class and Race in Women's Writing, held at Marthoma College, Thiruvalla, on 28th and 29th January, 2016.

FLAIR

Ms. Bhagyalakshmi Mohan participated in the FLAIR Induction training programme organized by FLAIR (Fostering Linkages in Academic Innovation and Research), New Initiatives in Higher Education, Directorate of Collegiate Education, Government of Kerala, from 3-10-2016 to 5-10-2016 held at Thiruvananthapuram.



Dr. Vrinda R Chanth

PhD Awarded

Ms. Vrinda R. Chanth was awarded PhD in English Literature by The English and Foreign Languages University, Hyderabad on 30.08.2016. Her research topic was Angela Carter's 'Cauldron of Chaos': An Exploration of Feminist use of Gender and Genre"



Dr. Nair Anup Chandrasekharan

Guideship

The Syndicate of the University of Kerala granted Guideship to Dr. Nair Anup Chandrasekharan on 23/12/2016 in the subject English under the faculty of Arts.

Student Achievements:

- Ms. Indu T.R. of the 6th Semester won two first prizes in the Kerala University Youth Festival – for Sanskrit as well as for Malayalam Aksharaslokam.
- Ms. Kavya Jayan of the 2nd Semester won the third prize for English Recitation.
- Mr. Jackson R. Mathew of the 4th Semester was the 3rd prize -winner for Percussion.
- The Department won the first prize and the trophy in the Annual Athletic Meet-2016.
- The Department won the first prize and the trophy in Annual Arts Festival celebrations-2016.



The Champions

Study Tour

- The Final Semester students of the Department, accompanied by two teachers, took time off to go on a study tour to Wayanad, Coorg and Mysore in January 2016.

CAREER GUIDANCE AND PLACEMENT CELL

Under the convener-ship of Mr. *Ashish Varughese*, this academic year saw the Cell organize the following activities:

One -Day Training Program for GD and Interview Skills

A one -day training program for equipping the students to successfully perform in Group Discussions and confidently face the Interview Board was conducted on 9th September 2015. Prof. Saneesh led the sessions.

Training Program for Interview Skills and CV writing

A training program for enhancing Interview Skills and CV writing was conducted on 10th and 11th September 2015 and also on 1st September, 2016 for the students selected from various departments.

Orientation Program for Competitive Exam

The program was organized to make the students aware about various competitive

exams. This program was organized on 13th October 2015 and 29th August, 2016.

One -Day Training Program for Communication Skills

A one -day training program for communication skills was organized on 12th March 2016 for 48 selected students from various departments. A team of six experts from B-Gud, a private sector finishing school, conducted the sessions.

Career Orientation and Soft Skill Training Program

An intensive training program was organized for helping the students set their career goals. Career guidance and soft skill trainer Mr. Arun and Mr. Vishnu led the class.

Aptitude Test for Final Year Students

The Career Guidance and Placement Cell organized an aptitude test for all the final year students on 26th August 2016 from 2.30 - 3.30 pm.

Competitive Exam Training

The Career Guidance and Placement Cell initiated an intensive training program for helping the students appear for competitive exams especially the Bank exams.

District Employability Centre Registration Process and Employability Training

Employability Center is a PPP initiative of the government, it organises various placement drives and training programs to the students.

Civil Service Forum

Another initiative by Career Guidance and Placement Cell is to help the students to set their career goal in the Civil Service.

Campus Recruitments

This academic year, the Career Guidance and Placement Cell organised several placement drives in association with the private sector companies.

DEPARTMENT OF ZOOLOGY



Training Workshop on Onam bird count

Onam bird count is a state wide endeavor organized by the Kottayam Nature Society during the Onam season. The training workshop in the College was conducted by Mr. Harikumar on 12th August 2015

for enabling the students identify and classify different species of birds appearing during this season. More than 95 students participated in this programme.



A., Research Scholar, Dept. of Environmental Science, Kottayam provided knowledge on birds and their habitat to the students of the College.

Association Inauguration & Training Workshop on Apiculture



Bee keeping is an ongoing activity in the Zoology department. The main objective of this programme is to enable the students to handle various species of bees safely and help them have an income in the future by practicing apiculture.

A training workshop on Apiculture and also the inauguration of the Departmental Association for the academic year 2015-16 was done by Mr. B. Sunil, Assistant Engineer, Agro Industries, Kottarakkara on 9th October 2015.

Seminar on Birds and Bird watching

The Department organized a Seminar on Birds and Bird watching on 13th January, 2016. Nishanth H.P., Research Scholar, Dept of Aquatic Biology and Fisheries, Kariavattom and AI Badush

Setting up of Aquarium in the Department



On 20th January 2016 the students installed four new aquarium tanks in the Department. This programme was designed to develop their skills to work in a commercial aquarium, pet Industry, zoo, or marine conservation sector.



Inauguration of the new Staff Room

Dedication of the new staff room with library, computer lab and smart room was done on 21st January 2016 by the College Chaplain.

Alumni Association : "Samhitha"

"Samhitha"- the Alumni Association meet was organized on 5th March 2016. It was inaugurated by Prof. Susheela Mary Jacob and Dr. Laly Jacob. More than 150 alumni participated in this programme and they shared their experiences.





One day Workshop on Vermicomposting

The Association inauguration for the academic year 2016-17 was done by Sri C. K. Venugopal, Asst. Director of Agriculture, SAGL, Kalarcode, Alappuzha on 30th September 2016. A workshop on Vermicomposting was also organized on the same day. The earthworm, *Eudrillus Eugenia*, is being cultured under controlled conditions for promoting composting activities in our college.

Orientation programme

The first semester students of academic year 2016-17 were provided an Orientation programme on 13th August 2016 by Dr. Laly Jacob, former Head of the Department of Zoology.

Student Achievements

NAME	CLASS	ACHIEVEMENT
Karthik M.	S ₆ Zoology	<ul style="list-style-type: none"> ● First prize in Inter-University Men's Judo Competition held at T.K.M.College, Nangiarkulangara ● Participated in All India Judo Competition held at Bhubaneswar
Aswathy S.	S ₆ Zoology	<ul style="list-style-type: none"> ● First prize in Inter-University Women's Judo Competition held at T.K.M.College, Nangiarkulangara
Anjali S.	S ₆ Zoology	<ul style="list-style-type: none"> ● First prize in Essay writing competition conducted by Nature Club ● Selected for the second round of Stars Of Moore Competition
Varsha V.	S ₄ Zoology	<ul style="list-style-type: none"> ● Participated in National Seminar on "Climate Change" organised by Dept. of Ecological Concerns of CSI at Eco Spirituality Centre, Othara, Tiruvalla on 20th January, 2016 ● Passed NCC 'B- Certificate Exam' ● Participated in State Kerala University Kalolsavam 2016 (Light music, Classical music, Sanskrit recitation and Group song- secured A- grade) ● First prize in Inter departmental Power Point Presentation competition conducted by Physics Association ● First prize in Inter Collegiate Power Point Presentation competition conducted by Physics Association as part of Ozone day celebrations

NAME	CLASS	ACHIEVEMENT
Aswathy S.	S ₄ Zoology	<ul style="list-style-type: none"> ● Passed NCC B- Certificate Exam
Jeena John	S ₄ Zoology	<ul style="list-style-type: none"> ● Passed NCC 'B- Certificate Exam
Adrin Staiphy	S ₄ Zoology	<ul style="list-style-type: none"> ● Participated in National Seminar on "Climate Change" organised by Dept. of Ecological Concerns of CSI at Eco Spirituality Centre, Othara, Tiruvalla on 20th January, 2016

Participation and Achievements of Teachers

Dr. Laly Jacob

- Produced two Ph.D.'s during the academic year 2015-16

Dr. Jacob Chandy

- Appointed as the Vice Principal of College on 1st June 2015
- Awarded Ph.D. on 20th November 2015
- Participated in the National Seminar on "Vertebrate Faunal Diversity of Kerala" organised by Baby John Memorial Government College, Chavara, Kollam on 8th January 2016

Dr. Deepthi G. R.

- Participated in the National Seminar on "Solid Waste Management: Emerging Trends and Challenges" organized by Post Graduate and Research Dept. of Zoology, St. Stephen's College, Pathanapuram on September 17-18, 2015
- Participated in the International Seminar on "Biodiversity Conservation and Disaster Management" organized by D.B. College, Pamba on December 30-31, 2015
- Participated in National Seminar on "Recent Trends in Wetland Pollution Studies using Bio-Monitoring Protocol" organized by Post Graduate and Research Dept. of Zoology, N. S. S. College, Pandalam on February 22-24, 2016
- Was the external examiner for Biology Practical Examination of ISC XII at Bishop Moore Vidyapith, Kayamkulam on 15th Feb 2016
- Participated in the National Seminar on "Diversity and Taxonomy of Arthropods and their immediate ancestors" organised by Baby John Memorial Government College, Chavara, Kollam on 21-22nd December 2016

Dr. Reeja Jose

- Participated in the National Seminar on "Solid Waste Management: Emerging Trends and Challenges" organized by Post Graduate and Research Dept. of Zoology, St. Stephen's College, Pathanapuram on September 17-18, 2015
- Participated in the "Hands-on Training Workshop on Bioinformatics" organized by Pushpagiri Research Centre and Centre for Virology, PIMS & RC, Tiruvalla, Kerala, in co-ordination with School of Biosciences and Technology, Medical & Biological Computing Laboratory, VIT University, Vellore, Tamil Nadu on September 25-26, 2015
- Participated in the International Seminar on "Biodiversity Conservation and Disaster Management" organized by D.B. College, Pamba on December 30-31, 2015
- Participated in the National Seminar on "Climate Change" organised by Dept. of Ecological Concerns of CSI at Eco Spirituality Centre, Othara, Tiruvalla on 20th January, 2016

- Presented a paper in the National Seminar on “Recent Trends in Wetland Pollution Studies using Bio-Monitoring Protocol” organized by Post Graduate and Research Dept. of Zoology, N. S. S. College, Pandalam on February 22-24, 2016
- Participated in the National Seminar on “Diversity and Taxonomy of Arthropods and their immediate ancestors” organised by Baby John Memorial Government College, Chavara, Kollam on 21-22nd December 2016

Publications

- Reeya Jose. 2016. Assessment of Water Quality in Selected Ponds of Mavelikara Municipality. Science Chronicle. Vol. 5(1 & 2): 39-44.

Departmental Achievements

1. First Prize in Floral Designing (Athapookalam) Competition during the Onam celebrations- 2015
2. First Prize in Christmas Tree Decoration Competition during the Christmas celebrations-2015

3. First Prize in March past competition during the Annual Sports Meet-2016
4. Three students were selected for ASAP TPS.
5. Four students of S6 Zoology passed the ‘B’ Certificate examination of NCC
6. Third Prize in Floral Designing (Athapookalam) Competition during the Onam celebrations- 2016
7. Third Prize in Christmas Tree Decoration Competition during the Christmas celebrations- 2016

Extension Activity

1. Ornamental Fish culturing and Maintenance of Fish tank
2. Conducted Water Quality Analysis in the nearby wards of the College and provided awareness about user friendly water treatment methods
3. Vermiculture and vermicomposting

WOMEN'S STUDY UNIT

Women's Study Unit functions in collaboration with the Women Empowerment Cell in the College. The unit organizes women empowerment programmes and deals with women's issues. Ms. Bhagyalakshmi Mohan, Assistant Professor of English, is the faculty in-charge of the Women's Study Unit.

The Unit organized several programmes during the academic year 2015-16. Thirty two undergraduate students are members of this unit.



Bhagyalakshmi Mohan introducing Dr. J Pameela Devi

The detailed report of the activities of the academic year 2015-16 is given below:

1. Inauguration Ceremony: The activities for the year 2015-16 were inaugurated by the Principal, Dr. Sabu George on September 1, 2015. Ms. Bhagyalakshmi Mohan welcomed the gathering. The Vice Principal of the college, Dr. Jacob Chandy addressed the gathering and talked about the importance of women empowerment in this era. Ms. Bhagyalakshmi Mohan introduced the concept of women empowerment to the members and discussed its various facets. Ms. Sajini Deena Mathew, Convenor of Women Empowerment Cell of the College, talked about the necessities of strengthening the Women's Study Unit of the College. The unit planned to dedicate one hour every Tuesday for discussion and planning of programmes.
2. Project on 'Women Empowerment and Rural Settings': As the College is situated in a rural area, the students were given a project, to be submitted before 20.09.15, to identify the problems of women belonging to the rural background by the Faculty in- charge. They identified lack of economic freedom as one of the pertinent issues confronted by the women in rural areas. They also pointed out that women, especially in rural areas, lack education, confidence and even awareness regarding their basic rights.
3. English Speaking Skills: As a part of developing the communication skills of the unit members, Ms. Neethu Mary Philip, Assistant Professor, Department of English, offered English remedial classes.
4. Tailoring Classes: As a part of strengthening the economic independence of women, Miss. Gayatri. T, BA Economics, who is also a unit member, gave tailoring classes to all the other unit members. The members were allowed to use the women cell tailoring unit during their free hours.
5. Elocution Competition on "Freedom of Malayalee Women": An elocution competition was organized in the college on the topic "Freedom of Malayalee Women" on 06.10.15. It was interesting to note that all the participants were females. Neeha of S3 BA Economics bagged the first prize and Aishwarya Mary Thomas of S5 English got the second prize. Winners were given mementos by Giggy P Koshy, Head, Department of English.
6. Poem Writing Competition on 'woman': A poem writing competition was organized in the college. The topic was 'Woman'. Saritha of S5 English who wrote the poem 'married woman' (Vivahitha) got the first prize and Abhirami of MA English who wrote the poem 'I am a woman' (Njan Sthreyanu) got the second prize.
7. Lectures on Women Empowerment: Dr. J Pameela Devi, Member, Kerala State Women's Commission, delivered a lecture on Women Empowerment on 12.01.2016 at the college seminar hall. Dr. Divya S, Assistant Professor, Dept. of English, Bishop Moore College, Mavelikara delivered a lecture on the Importance of Women's Education on 29.03.16 at the College seminar hall.
8. Women's Day Celebrations: Women's Day Celebration of the college was organized by the women's study unit on 8.02.16 in the college auditorium. The students were given an opportunity to open food stalls. An exhibition cum sale of homemade and hand made products was organized exclusively by the female students in the college auditorium. Dr. Leelamma George, the first lady principal of the college, gave a talk on Society and Women.
9. Valedictory Session: The valedictory function of this academic year was held on 7.06.16. The various programmes organized by the Women Study Unit were reviewed in the session and feedbacks and suggestions of the members were collected regarding the working of the club and its improvement.

SPORTS



New Schemes

Prominent among the new schemes related to the Department of Physical Education is the permission to set up a Basketball Women's Sports hostel sponsored by Kerala State Sports Council and also the Volleyball Men's Sports Hostel, also sponsored by the Kerala State Sports Council.

Successes at the University level

Winners of the Kerala University **Judo** intercollegiate championship 2015-16

Runners of the Kerala University intercollegiate **Volleyball (Men)** Championship 2015-16

Winners of the Kerala University **Softball** intercollegiate championship 2015-16.

Winners of the Kerala University **Judo** (Women) intercollegiate championship 2016-17

Winners of the Kerala University North Zone intercollegiate

Volleyball (Men) Championship 2016-17.

Runners up of the Kerala University intercollegiate **Volleyball** (Men) Championship 2016-17

Winners of the Kerala University **Softball** intercollegiate championship 2016-17.

Winners of the Kerala University **Baseball** intercollegiate championship 2016-17.

Second Runner up of the Kerala University intercollegiate **Basketball** (Women) Championship 2016-17

Events Organized

Conducted the North Zone Kerala University intercollegiate **Volleyball** (Men) Championship 2016-17.

Conducted Kerala University intercollegiate **Judo (Men & Women)** Championship 2016-17.

Students representing the College at the University Level

Sanju Sing (S4 Eng)	Softball & Baseball	Akhil K (S4 Eng)	Softball
Savier (S2 Phy)	Softball	Akhil Varghese (S6 Com)	Softball
Akhil K (S2 Eng)	Softball	Vivek (S4 B.com)	Softball
Vivek (S2 B.com)	Softball	Ananthu (S4 Eng)	Softball
Arun A P (S2Mala)	Volleyball	Shahin Sha (S4 Eco)	Volleyball
Sujith Krisnan ((S2 B.com)	Volleyball	Arun A P (S4Mala)	Volleyball
Muhammed Riyas (S6 Phy)	Judo	Sujith Krisnan ((S4 B.com)	Volleyball
Karthik M (S6 Zoo)	Judo	Akhil S (S6 Mala)	Volleyball
Sachin K S (S2 B.com)	Judo	Ameer Sherif (S2 Mala)	Volleyball
Vishnu s (S2 B.com)	Wrestling	Aparna (S6 Eco)	Judo
Sonia (S4 Eco)	Softball	Sonia (S6 Eco)	Softball & Baseball
Sanju Sing (S6 Eng)	Softball & Baseball	Devu G Nair (S2 Eco)	Softball
Savier (S4 Phy)	Softball	Devanarayanan (S2 Maths)	3 rd shot put (I/C)

Other Events..

Several Inter Departmental Badminton, Throw ball, Volleyball and Football matches were organised.

The Annual Sports Meet -2016 was organised with great fanfare. It was flagged off by the Chief Guest –**Dr. P Raghavan** who is the Director of Physical Education, University of Kerala.

185 students (men & woman) of the College participated in different intercollegiate championships.

THE SCIENCE CLUB

The activities of the Science Club for the academic year 2015-16 were inaugurated by Mr. Vineeth GM (Sci. Engineer B, VSSC, Thiruvananthapuram) on 5th October 2015. As a part of the World Space Week celebrations, he handed over a "Space kit" to the Club for Space week activities.

● National Science Day Celebrations (Sci-rostrum-2016")

The National Science Day, commemorating Sir C. V Raman's greatest discovery, the Raman Effect, is celebrated on 28th of February 2016 every year. The Science Club of Bishop Moore College, with financial support from the Kerala State Science Technology and Environment (KSCSTE) Thiruvananthapuram, organised the below given programmes in this connection on 15, 16, 18 & 23 February 2016.

- An Essay Writing Competition was conducted on 15th February 2016 for the students of the college. The topic for the competition was "Science and Technology Innovation in India". Students from various departments were participated.
- An intercollegiate quiz programme was conducted on 16th Feb. 2016. More than 10 teams participated from various Colleges. Questions related to the history of Science Day, Science and Technological innovations around the world and related events helped the team members as well as the audience to gain much information.
- Dr. Jayakrishnan R, Assistant Professor, Department of Physics, Christian College, Chenagannur who bagged the Young Scientist Awarded by KSCSTE, inaugurated the National Science Day Celebrations on 23rd February 2016. The Inaugural meeting was presided over by Dr. Sabu



George, Principal of Bishop Moore College. Prof George Mathew, Head of the Department of Physics welcomed the gathering and Dr. Arun Aravind proposed the vote of thanks.

PULSES - 2016

In association with Department of Botany and Biotechnology of Bishop Moore College, the Science Club celebrated International Year of Pulses-2016: "PULSES 2016" with sponsorship from Kerala State Council for Science and Technology, Thiruvananthapuram. PULSES-2016 focused on three programmes, viz. A one day State Level Seminar on "Nutritional Aspects of Pulses" was organised on 22/07/2016. An intercollegiate quiz competition on pulses was organized on 14/12/2016 as a part of celebrating the year of pulses. A slide show on "Diversity of Pulses in India" was organised in the afternoon session of 14/12/2016. Dr A. Sivaprasad, Assistant Professor of Botany, Bishop Moore college, Mavelikara led the awareness class with a slide show which helped the students to share and discuss their ideas and clear their doubts on pulses.

NATIONAL CADET CORPS

Induction:

NCC SW cadets come under 3 Kerala Girls Battalion and SD cadets comes under 8 Kerala Battalion. The students were excited, fully charged and were keen to be enrolled in the Army wing of NCC. The enrolment of cadets began during the month of August 2015. The team of selectors headed by the then Commanding Officer of 3 Kerala Girls Battalion NCC along with J.C.O's and P.I staff were present for the formal induction ceremony. After the enrolment, parade sessions commenced, in which cadets were imparted knowledge and training in various activities like basic training in military training, drill, map reading, Field Craft and Battle Craft, Weapon training by Physical Permanent Instructor (P.I) staff of the regular army in the presence of Associate NCC Officer Capt. Cigi.P.George and Lt. Dr. Sajan.D.

Noteworthy Achievements:

1. 100% pass in 'B' Certificate Examination.
2. The cadets represented Kerala state in the following NIC and SNIC's :

NIC KARNATAKA Arya Divakaran , Susmitha Suman
 NIC ALAPUZHA Clinda Mary D'Cruz , Manjusha S
 NIC KOZHICODE Gopika Bose , Aswathy S
 NIC CHENNAI Aswathy S , Joby J
 SNIC LAKSHADWEEP Anjali Pushpan
 SNIC PORTBLAIR Heera S
 SNIC LEH(KASHMIR) Clinda Mary D'Cruz

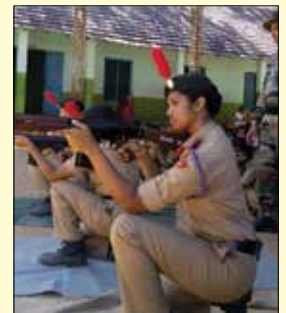
3. Arya Divakaran attended Basic Leadership Camp Ernakulam and Gopika Bose participated in Advanced Leadership Camp West Bengal.
4. Gayathri.S and Anjaly Mariam George represented the state in OTA Training 2016
5. The following Cadets participated in the Army Attachment Camp held in attachment with Madras regiment in February 2016 in Pangode
 - Arya Divakaran
 - Surabhi Suresh
 - Manjusha S
 - Nikhil Santhosh
 - Gokul Kumar
 - Linu Das
 - Jithin Thampan
 - Abhidev A
 - Abhijith
 - Jithesh T
 - Tom Francis



CDT ANJALI OTA TRAINING

6. Gayathri S had the privilege to march on Rajpath for the Republic Day March in New Delhi.
7. Youth Exchange Programme (YEP) is conducted among nations. Gayathri S participated in YEP Russia
8. Surabhi Suresh participated in Moulankar Shooting Camp, West Bengal

9. Arya Muraleedharan participated in Trekking Camp in Uttarkashi, 2016.
10. The following Cadets represented their groups in Inter Group Competition held in accordance with RDC and TSC
 - Arya Divakaran (RDC) • Clinda Mary D'Cruz (RDC)
 - Heera S (RDC) • Surabhi Suresh (TSC)
11. The following Cadets represented Kerala in the following NIC and SNIC's :
 - NIC ALAPPUZHA Megha Mohan, Lakshmi R Pillai
 - SNIC LEH(KASHMIR) Clinda Mary D'Cruz
 - SNIC NARMADA Sanil M Jacob
12. Anjaly Mariam George represented Kerala in attachment training with OTA Gwalior 2016
13. Arya Muraleedharan participated in Trekking Camp, Uttarkashi, 2016.
14. The social service activities undertaken by the cadets is indicated below:
 - Planted saplings and looked after them.
 - Donated blood as a voluntary activity.
 - Participated in Anti-Dowry Campaign.
 - Spent a day with differently abled kids at Jyothis, Kallumala
 - A wheelchair was donated to Mvk Rly Station to help physically challenged.
 - Celebrated Defense Day and Armed Forces Day by selling stamps- the fund collected was used to help ex-servicemen and widows of Armed Forces personnel.
 - Took initiative to start and follow up an Organic farming in the College premises
 - Visited aged people and shared joy and love in form of gifts during Onam.
15. International Yoga Day was celebrated on June 21 in college under the leadership of NCC girls wing



16. In addition to, all national days including Independence day and Republic day were celebrated gloriously.
17. The NCC units spent the ever memorable moments with the founder Principal Rev. K.C Mathew during Christmas day celebrations on Dec 7 2016.
18. "Amma Ariyan", an awareness programme organised by the girls wing, was conducted by Adv. Anilkumar K.N Pillai on NOV 5 2016.



NATIONAL SERVICE SCHEME

Under the stewardship of the Programme Officers Mr. Jils Varghese and Ms. Linda E. Jacob and ably aided by the Volunteer Secretaries Sreehari S. Pillai, Pooja Mohan and Dhanesh Kumar the National Service Scheme conducted the following activities:

6th June 2016 (World Environment Day Celebration)

- Dr. Sabu George planted a tree sapling in front of the College Auditorium and Dr. Prakash Williams, extension activity coordinator, gave the felicitation address. Volunteers distributed tree saplings sponsored by the Department of Forests, Govt. of Kerala.

21st June 2016 (International Yoga Day celebration)

- Yoga training conducted in the College auditorium, jointly organized by NSS, NCC and Sports Club. Dr. Sabu George inaugurated the function and the session was led by Yoga instructor Ms. Greeshma

1st August 2016

- NSS Programme Officers, Prof. Jils Varghese, Prof. Linda E. Jacob attended the Swatch Bharath Mission meeting held at Collectorate, Alapuzha where the Chief Guest was Smt. R. Girija, IAS.
- Aim of the programme was to make the panchayats in Kerala Open Defecation Free.

15th August 2016 (70th Independence Day Celebration)

Independence Day

- National Flag was hoisted by Dr. Sabu George and he gave a talk on the importance of national unity and talked on how to balance rights and duties.

18th August 2016

- Talk by Dr. Brijithlal N.D. on the topic 'Importance of Education in the Present Scenario'

24th August 2016

- Interview was conducted for the selection of 100 NSS volunteers from the first year students

25th August 2016

- Talk by Prof. Jils Varghese on the topic 'Personality Development'

30th August 2016 (National Sports day celebration)

- Conducted interdepartmental Quiz Competition on 'Sports'. The Quiz master was Mr. Sreehari S. Pillai.

5th September 2016 (Teachers' Day celebration)

- Volunteers welcomed all teachers of Bishop Moore College with flowers, greeting cards and sweets. A meeting was arranged at CMS LP School to honor all the school teachers and sweets were distributed to the school kids.

8th September 2016 (Onam Celebration)

- NSS volunteers arranged a floral carpet (Athapookalam) in front of the College.

22nd & 23rd September 2016 (Peace Day Celebration)

- Conducted interdepartmental poster making competition
- Dr. Sabu George inaugurated the function. Chief guest – Dr. Harichandran Achari, Former NSS PO and Rtd. Associate Professor, formally inaugurated the PSC Coaching Class.
- He also took NSS orientation class for the first year volunteers. Prof. Jils Varghese took a class on 'Group Dynamics' for the second year volunteers

28th September 2016

- First PSC Coaching class of this academic year. Regular PSC coaching classes conducted every Tuesday

1st October 2016 (International Older Persons Day)

- Conducted a programme 'THANALEKIYAVARKU THANALAKAM' for honoring senior citizens of Kallumala region. Mr. P. Sreekumar, C.I. of Police, Mavelikara inaugurated the function. About 40 senior citizens who attended the function shared their experience and also presented some cultural programmes for the volunteers
- The second programme on the same day was the cleaning of the premises of the Municipal Court of Mavelikara. The agenda was to commemorate Gandhi Jayanthi the next day. BAR Association of Lawyers presented a trophy to the NSS unit as a token of appreciation and also honored POs Mr. Jils Varghese and Ms. Linda E. Jacob

3rd October 2016

- Conducted Blood Donation camp in the College campus in association with HDFC Bank, Mavelikara and Blood Bank of Alapuzha Medical College. 75 students donated blood.

4th October 2016

- An anti-drug campaigning programme was conducted in association with ICPF-ANGELOS Social Awareness Team, Alapuzha. Dr. Sabu George inaugurated the function. Mr. Anish Oommen Abraham, ICPF Alapuzha District Student Counsellor, took a seminar on the ill effects of usage of tobacco, cigarettes, alcohol, beedi etc.
- The ICPF team also performed a drama named "ARIYUKA PRIYA MITHRANGALE" which portrayed the story of a man who lost his life due to the usage of liquor, cigarettes and illegal drugs during his College life.

7th October 2016

- 30 NSS volunteers participated in the shooting of a documentary film named 'My Dream' by Mr. Abdul Mujeed, former ISRO Technician. The aim of the documentary was to spread the message of late Indian President, Dr. APJ Abdul Kalam and thus inspire the school students.

16th October 2016

- Volunteers got an opportunity to participate in the TV Show named 'Good Samaritan' by Athmeeya yathra channel

17th October 2016 (World Food Day celebration)

- 1000 food packets were collected from College students and distributed to the poor and needy people in the Ochira region.

26th November 2016

- 7 volunteers participated in the One day leadership training class conducted by ALTIUS, Alapuzha

1st December 2016 (World Aids Day)

- Red ribbons prepared by NSS volunteers were distributed to all students
- Prof. Jils Varghese took an awareness class on AIDS

8th December 2016

- NSS volunteers participated in the cleaning programme of Vennoor pond, near Mavelikara Railway Station as a part of Haritha Keralam Project, an initiative of Govt. of Kerala. Smt. Leela Abhilash, Municipal Chairperson of Mavelikara inaugurated the mission

23rd to 29th December 2016

- 7 day NSS Special camp at Govt. JB School, Venmony. Mr. Leju Kumar, Panchayat President of Venmony, inaugurated the camp. About 115 volunteers attended the camp.



Athapookalam by NSS



Anti Drug Campaign



Pledge to Protect the Environment

The Internal Quality Assurance Cell (IQAC)

The Internal Quality Assurance Cell (IQAC) submitted the Self Study Report (SSR) for the third cycle of NAAC accreditation during the first week of June, 2016. The IQAC designs the quality parameters and ensures that the College achieves the standards of excellence reflected in the vision and mission of the institution.

One day workshop on **Malayalam Wikipedia** (promoting Malayalam edition of Wikipedia) was conducted under the auspices of IQAC on 30 August 2016. The workshop provided hands on experience to students to work online and trained them to become wikis. The participants created articles and submitted them online.



NAAC Steering Committee

Additional Skill Acquisition Programme (ASAP)

For the fourth consecutive year the Department of English coordinated the ASAP CET programme in the months of May, June and July 2016. The efforts of the ASAP team were rewarded when the Department of Higher Education, Government of Kerala upgraded Bishop Moore College, from the status of a four star training institute to the **five star category**. Thus the College



ASAP Trainee welcoming Shri R Rajesh, MLA Mavelikara



Five Star Achievement

become one of the few five star ASAP institutions in the State. In 2015 and 2016 the College conducted three batches each, which were attended by trainees from across the length and the breadth of the State. Dr. Nair Anup Chandrasekharan was the Course Director and Dr. Anne Angeline Abraham was the resource person while Ms. Anusha Das, Ms. Bhagyalakshmi Mohan, Ms. Neethu Mary Philip, Ms. Amitha, Ms. Merin, Ms. Jeena, Ms. Neema formed the core faculty team.



The Stars



Akhil Panikar Receiving the Award

STARS OF MOORE

STARS OF MOORE is a marathon process designed to test the mettle of the final year Under Graduate and final year Post Graduate students and at the end of it to find out the three best outgoing students of the College. As Akhil Panikar one of the STARS of the College says, "STARS OF MOORE is an excellent program which, in 2016, embarked on its maiden venture to discover the three best outgoing students of the College. I was lucky enough to be a "STAR" in the first season along with my friends Anand and Anju" More than 300 students participated in the first round which was an elimination round and in which a written test was conducted.

Forty students went into the second round in which they were marked for their academic and co-curricular achievements during the last three years. The last round was a stage presentation round in which the final ten students were asked to do a stage performance of their choice and also speak on a topic that is assigned to them. The ten students who made it to the final round were Anand R Nair, Anju Sarath, Akhil Thomas Panikar, Adil Mubakarar, Anulekha, Abhijith, Ann Nibana, Samu Raj, Karishma Bose and Sruthi Raj and the three STARS of Moore were Akhil Thomas Panikar, Anand R and Anju Sarath.