



AMRITA

VISHWA VIDYAPEETHAM

Deemed-to-be-University u/s 3 of UGC Act 1956

**AMRITA SCHOOL OF ARTS AND SCIENCES
KOCHI**

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AMRITA KIRANAM

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@ Amrita School of Arts and Sciences, Kochi

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Inauguration of Academic Activities 2017



Inauguration of academic activities 2017, 15th Annual series of Vidyamritam Extramural lectures and Activities of Corporate Social Responsibility (CSR) was held on Wednesday, 26th July, 2017. The event commenced with the Ganapathy stuthi and an astounding dance performance. Pujaneeya Swami Purnamritananda Puri, General Secretary, Mata Amritanandamayi Math blessed the occasion. Dr U Krishnakumar, Director greeted the gathering. The Chief Guest Dr. A. Ramachandran, Vice Chancellor, Kerala University of Fisheries and Ocean Studies (KUFOS) delivered the inaugural address. The ceremony was presided over by Dr. (Col) Vishal Marwaha, Principal, Amrita School of Medicine,

Kochi. The Guest of Honour Smt. P. Sindhu, Unit Manager, Mathrubhumi offered felicitations. The chief guest launched the academic handbook. As part of the CSR activities of the campus, saplings were distributed to the parents in association with SEED, an initiative of Mathrubhumi. Best library users Awards were presented to six faculty members and 20 students. Certificates were distributed to students in recognition of their services rendered in AIMS during the month of June 2017. The new entrants and their parents were given a thorough orientation to the aims and ideals of the institution. Dr. Sony Vijayan, HOD Department of Commerce and Management proposed the vote of thanks.

Orientation Session



Dr. N. Gopalakrishnan, Director, Indian Institute of Scientific Heritage, gave an orientation session in the college auditorium on 29th July 2017. The lecture focused on the necessity of defining and pursuing the goals in life. The session also upheld the need to be proud of the rich and varied tradition of India.

The audience comprised of all the students who joined the UG and PG programs of the campus this academic year.

Graduation Ceremony



11th September 2017 will always remain a red-letter day in the annals of the Amrita School of Arts and Sciences. On this day the first ever graduation ceremony was held in the college auditorium. The auspicious day began with the ceremonial procession comprising the senior officials from the University, Dignitaries, members of the Faculty and student representatives, along with Swamiji. The solemn function commenced with the Invocation to Amma and lighting of the Lamp. Dr. U. Krishnakumar welcomed the gathering. Swami Purnamritananda Puri blessed the graduands conveying Amma's message of the need for Grace from Guru to acquire success in life. Graduation Day Address was delivered by the chief guest Sri. G. Muraleedharan, Principal General Manager, BSNL. Honoured guests Dr. N. Unnikrishnan Nair, former Vice-Chancellor, CUSAT, Dr. R. Dandapani, Controller of Examinations, Amrita Vishwa Vidyapeetham, Dr. P. Prathapan Nair, Chairman, Amrita Health Sciences Campus, Kochi, Dr. K.P.S. Nair, Director, FACT Ltd, & Consultant to KITCO,



Dr. Raghu Raman, Dean, Faculty of Management were present. They addressed the graduands, expressing the need to be aware of the responsibility that they have towards the society that they belong to after they leave their Alma mater. The award of degree certificates began after Poojaneeya Swamiji administered the Oath. The Provisional Degree of Doctor of Philosophy was awarded to Dr. Sreeja Ashok, the first Doctorate of the Amrita Vishwa Vidyapeetham, from this campus. Dr. Sreeja completed her work under the guidance of Dr. U. Krishnakumar. This was followed by the award of medals and Rank Certificates and Degree Certificates to the graduates. More than 400 students (M.Phil., PG and UG) received their certificates. The Guests of Honor were presented with Mementos. The function concluded with the vote of thanks by Dr. Sony Vijayan, PGP Chair and Dy. Controller of Examinations, followed by the Shanti mantra and the National Anthem. Saplings, grown by the Organic farming group of the Amrita Values Program, were distributed to the graduates as they left the venue, to symbolize their commitment to the environment and the society.



Ramayanam Day Celebrations

The significance of the Ramayana was emphasized in the celebrations held in the college auditorium on 11th August 2017. The program began with the Sopana Sangeetham by Shyam Krishnan and the lighting of the Lamp by Pujaneeya Swami Purnamritananda Puri. The welcome address by Dr. U. Krishnakumar also brought out the connection between the story of Sree Rama and the Cultural Heritage of the Nation. Swamiji gave the gist of the message of the Ramayana which contrasted materialism with spirituality and the superiority of the latter as exemplified by the life of Sree Rama. A record number of students participated in the Quiz competition held a couple of days ago and the Ramayanaparayanam



competitions held during the celebrations. The solemn ceremony of Raksha bhandan was followed by the prize distribution to the winners of the Quiz and the Ramayanaparayanam competitions.

Teachers' Day

Teachers' Day was observed on 9th September 2017. Professor Jayaraman, Dr. Radhakrishnan Nair and Smt. Sarvamangala mentioned the teacher's various roles as the guiding light, the eradicator of ignorance, and the source of knowledge. Three members of the faculty, Dr. Maya L. Pai, Dr. Anoop K.K. and Dr. Sreeja Ashok were honored for having attained their Doctorate in the disciplines of Data



mining, Management, and Computational Biology, respectively. The function concluded with the Vote of thanks by Dr. K. Sreenath Muraleedharan followed by the Shanti mantra.

SWASTI - Awareness Session on Health and Well-being



All the students and staff attended sessions on the need for awareness about our mental health. The sessions held on 18th and 19th September 2017 described symptoms and the manner of dealing with mental health. Doctors of the Department of Psychiatry, Amrita School of Medicine led by Dr. Valsaraj Menon, Clinical Professor conducted the session. Official launch of SWASTI initiative was done at AIMS. Organisers conducted a literary competition in which Sri. M. Ramachandran, our Malayalam faculty member won the first prize. Later Dr. Valsaraj Menon conducted counselling session for few students.



Sanskrit Day and Onam Celebrations

The two-fold celebration held on 31st August 2017 started with the lighting of the Lamp accompanied by the Sopana Sangeetham by Shyam Krishnan. Dr. U. Krishnakumar welcomed the gathering. Describing the language as the foundation of Sanatana Dharma he highlighted the importance of Sanskrit. Brahmachari Anaghamrita Chaitanya blessed the event. Prof. A. Subramonia Iyer, an erudite scholar and an eminent academician was the Chief Guest. In his inaugural address he emphasized the all-encompassing value of Sanskrit, the Devabhasha, which is the language of knowledge and whose Literature conveyed the



message of universal harmony. The inaugural address was followed by a Vanchipattu extolling the might of the Language. Prof. Iyer gifted a book 'Bharathadarshanam' to the College. The formal function concluded with the Vote of Thanks by Smt. Sreedevi O.S. Faculty in Sanskrit. This was followed by a short skit based on the story of King Mahabali in whose honor Onam is celebrated. The enthusiastic and energetic performance of pulikali provided a fitting finale to the event.

SPICMACAY - Lecture Demonstration



A lecture demonstration, under the aegis of SPICMACAY, was held in the college auditorium on 20th September 2017. The artists were formally welcomed by Dr. U. Krishnakumar. The students and the members of the Faculty sat spellbound as Vidushi Dr. Kamala Shankar performed on the Shankar Guitar, an instrument which the artist herself has invented. She gained world acclaim for successfully converting the Western Hawaiian Guitar into the Shankar Guitar which has overtones of the Eastern

Veena. A prodigy of Indian music and a recipient of many awards she mesmerized her audience with her skill. She was accompanied by her student, Sri. Nirmal Saini, a research scholar, on the Hawaiian Guitar and by Sri. Nisar Ahammad, the renowned tabla artist, who has recently released his first solo album. The artists were presented with mementos. Sri. Pragil Prakash, Vice-president, SPICMACAY, coordinated the program. The event concluded with the Shanti mantra.

Kerala Piravi

Kerala Piravi day- Nov 01 was observed in the campus. The highlight of the program was the inauguration of the Art gallery by Shri T. Kaladharan, eminent artist and presented a Painting Theatre. He also formally inaugurated the Kerala piravi day celebrations. Br.



Anaghamrita Chaitanya lighted the lamp and blessed the occasion. Prizes were given to the winners of the Malayalam Quiz. Laya Sree Kumar recited a few lines from Poonthanam's Jnanappana and this

was followed by the welcome dance depicting the traditional art forms of Kerala. Dr. U Krishnakumar welcomed the gathering and Sri. Chandran Perumudiyur delivered the Vote of Thanks.

Blood Donation Camp

A blood donation camp was organized by the SAC and Samskriti group of ASAS, Kochi in association with the Department of Transfusion Medicine, Amrita Institute of Medical Sciences (AIMS) on 31-10-2017. Students in large numbers readily volunteered and donated blood under the supervision of the doctors and technicians from the Department of Transfusion Medicine of AIMS. Dr. Ramanathan T, Assistant Professor gave an inspiring presentation on the need and importance of donating blood.



Malayalam Seminar

A Malayalam Seminar was conducted in association with AIR FM Kochi on 24, October, 2017. Dr S. K. Vasanthan and Dr K.P. Sankaran were the main speakers. AIR FM Kochi Station Director Sri. T.T. Prabhakaran presided. Dr. U. Krishnakumar inaugurated the function. Programme executive Sri. Sreekumar Mukhathala delivered the welcome speech and Sri. Chandran Perumudiyur delivered the vote of thanks

Invited Talk

Dr. U. Krishnakumar inaugurated and delivered a keynote address in the National Seminar on Enhancing Quality in Higher Education organised by Internal Quality Assurance Cell (IQAC), Maharaja's College Ernakulam on 6th October 2017.

Book Fair

The Library conducted a 2 day Book Fair on 9th and 10th of November 2017 in collaboration with the distributors Bookartz, Kochi. The book fair was inaugurated by Brahmachari Anaghamrita Chaithanya. The book fair was a great attraction. Books from noteworthy publishers and covering variety of subject domains were on display. Dr. U. Krishnakumar gave away the gift vouchers sponsored by Bookartz to the winners of 'Solve N Win' contest.

Hands on Workshop on Python

A Two Day Hands on Workshop on Python [Programming Tool for Data Science] was conducted on 7th and 8th November 2017. The workshop was hosted by the Computer Science & IT Department of Amrita School of Arts and Sciences in association with the Computer Society of India [CSI] and Amrita Centre for Research and Development [ACRD]. The Two-Day workshop was handled by Sri. Pankaj Kumar G., Asst. Professor at Federal Institute of Science and Technology, an expert in the area of Python programming. More than 60 participants participated in the two day workshop. The workshop



was a mix of live demonstrations and practical sessions.

Vidyamritam Sessions



The Department of Computer Science and IT, in association with CSI student branch of Amrita School of Arts and Sciences, conducted a Vidyamritam session on “Technology and Sustainable Development” related to National Technology Day by **Sri. Priyesh GopalaKrishnan**, Director, Cognizant on 5th May, at the CIR Auditorium. The MCA 4th Semester students were benefited by attending the same.



Sri. Jayakrishnan K, Director of Xtend Technologies (P) Ltd, delivered a lecture on the topic “Security Concerns in a Networked World” steered by the Computer Science & IT Department, in collaboration with the CSI student branch on 4th August, 2017. The listeners who attended and benefited from such an informative session were 2016 Int. MCA Third Semester students.



A Vidyamritam Session on “Internet of Things” was organized by the Department of Computer Science & IT along with CSI student branch on 25th August 2017. The session was handled by **Sri. Remesh Govind**, Software Consultant, Real Consulting, Padamugal, Kochi. The students of 2015 Int. MCA (V Semester) and 2017 MCA (LE) III Semester students were benefited from this session.



Sri. Abhilash K, Co-founder of two companies namely Ziller, a on-demand Healthcare delivery start-up and Eppcer Technologies, a healthcare IT consulting firm, delivered a lecture on the topic “Cloud Computing - Introduction to AWS and Serverless frameworks” steered by the CS & IT Dept., in collaboration with the CSI student branch. This session was organized as part of the Vidyamritam Session on 30th October, 2017. The participants who attended and benefitted from such an informative session were Int. MCA third Semester, Int MCA fifth Semester and M.Sc CS (SNA) students.

Student Achievements



Sri. Shabeer K P, Int. MCA II Semester won the first position in 'Code@Amrita', an online contest hosted by Amritapuri Campus on, 3rd May 2017. He attained this position amongst 70 other students from various campuses. Our students also secured the 8th, 9th and 10th positions.

CSI Student Branch, Kochi chapter in association with the CS & IT Department of Amrita School of Arts & Sciences, conducted an event named "Memory Game" on 9th August 2017. 125 students from Integrated BCA and MCA participated. The prize winners for the event are :-

- First Prize : R Praveen Pai , 2016 Int. MCA III Semester
- Second Prize : Ananthu S, 2016 Int. MCA III Semester
- Third Prize : Sreerag V, 2016 Int. MCA III Semester



Sri. Praveen Pai and **Sri. Abijith B.** of Int. MCA III Semester, Department of Computer Science and IT won the First prize in the event "CATECHIZE" (IT Tech Quiz) conducted as a part of ASCEND 2017, A National Level Technical fest organized by Department of Computer Science & Engineering, SAINTGITS College of Engineering, Kottayam on 12th August 2017.



Mohammed Shabeer K P, 2016 Int. MCA III Semester won the first position in 'Code@Amrita', an online coding contest hosted by Amritapuri Campus on 14th September 2017. About 100 students from various Amrita campuses participated for this coding contest.



Mr. Praveen Pai and **Mr. Abhijith B** of 2016 Int. MCA III Semester, Department of Computer Science and IT, Amrita School of Arts and Sciences, Kochi, won the second prize in the event "Takshak'17, IT Tech Quiz, conducted as a part of National Technical Fest of Mar Athanasius College of Engineering, Kothamangalam on 22nd September 2017.

Paper Publications - Students

- Indulekha E Thampi, Anju R, Ranjitha Rajan**, "An Extensive Study on Data Thinning in Single and Ensemble Classifiers", International Journal of Pure and Applied Mathematics, Vol: 114, No. 12, 1-9, ISSN:1311-8080 (Printed version), ISSN:1314-3395(On-line version), (SCOPUS), 2017.
- Shilpa Shaji, Arvind Shivaprakash, Nima S Nair**, "An Optimized Server Load Balancing for Unstructured Networks using SDN", International Journal of Pure and Applied Mathematics, Vol: 114, No. 11, 167-176, ISSN:1311-8080 (Printed version), ISSN:1314-3395(On-line version), (SCOPUS), 2017.
- Tina Rebello, Sabreen Sageer, Nima S Nair**, "Optimized Implementation of Sensors for Power Efficient android Applications", International Journal of Pure and Applied Mathematics, Vol: 114, No. 12, 99 -108, ISSN: 1311-8080 (Printed version), ISSN: 1314-3395(On-line version), (SCOPUS), 2017.
- Ammu A M, Reshmi B Nair, Lolitha P, Nima S Nair**, "An SDN approach to ARP broadcast reduction in an unstructured campus network", International Journal of Pure and Applied Mathematics, Vol: 114, No. 12, 109-

118, ISSN:1311-8080 (Printed version), ISSN:1314-3395(On-line version), (SCOPUS), 2017.

5. **Krishna S Kumar, Vrinda M P, Rajalakshmi V R**, “An extension to Pagerank Algorithm”, International Journal of Pure and Applied Mathematics, Vol: 114, No. 12, 21- 28, ISSN:1311-8080 (Printed version), ISSN:1314-3395(On-line version), (SCOPUS), 2017.
6. **Anoop R, Subhadra G Varma, Rajalakshmi V R**, “An effective approach to improve storage efficiency using variable bit representation”, International Journal of Pure and Applied Mathematics, Vol: 114, No. 12, 145-154, ISSN:1311-8080 (Printed version), ISSN:1314-3395(On-line version), (SCOPUS), 2017.
7. **Vishnu Vijayan, Basil Kuriakose, Sooraj S P, Arun Kumar N**, “Components of Data Center Environment”, International Journal of Pure and Applied Mathematics, Vol: 114, No. 12, 71 - 78, ISSN:1311-8080 (Printed version), ISSN:1314-3395(On-line version), (SCOPUS), 2017.
8. **Rejanimol P R, Sharika M, Arun Kumar N**, “Sentiment Analysis of Movie Reviews based on Twitter Data”, International Journal of Pure and Applied Mathematics, Vol: 114, No. 11, 137-146, ISSN:1311-8080 (Printed version), ISSN:1314-3395(On-line version), (SCOPUS), 2017.
9. **Geethukrishnan, Mahesh A S**, “An Augmentation to dynamic load balancing algorithm in cloud computing using fault tolerance technique”, Journal of Advanced Research in Dynamical and Control Systems, Vol: 11, Special Issue, 336 – 341, ISSN: -1943-023X (SCOPUS), 2017.
10. **Anupama Aravind, Sreenath P, Mahesh A S**, “An Effectual Job Scheduling Algorithm with Proactive Fault Tolerance in Grid Computing”, Journal of Advanced Research in Dynamical and Control Systems, Vol: 11, Special Issue, 358 – 362, ISSN: -1943-023X (SCOPUS), 2017.
11. **Bhavya V V, Rejina K P, Mahesh A S**, “An Intensification of Honey Bee Foraging Load Balancing Algorithm in Cloud Computing”, International Journal of Pure and Applied Mathematics, Vol: 114, No. 11, 127-136, ISSN:1311-8080 (Printed version), ISSN:1314-3395(On-line version), (SCOPUS), 2017.
12. **Haritha K H, Rohith S Kumar, M Soumya Krishnan** , “An Analytical Exploration on SMS Spam & User Retort”, International Journal of Pure and Applied Mathematics, Vol: 114, No. 11, 147-156, ISSN:1311-8080 (Printed version), ISSN:1314-3395(On-line version), (SCOPUS), 2017.
13. **Athira B, Neethu Babu, M Soumya Krishnan**, “An Inspective Mode to Find the Optimum Antivirus App for Defending the Latest Banking Tordow”, International Journal of Pure and Applied Mathematics, Vol: 114, No. 12, 79-88, ISSN:1311-8080 (Printed version), ISSN:1314-3395(On-line version), (SCOPUS), 2017.
14. **Karthik G Menon, Mahima Balan, M Soumya Krishnan**, “An Investigative Research on Fraud Analysis in Digital Banking”, Journal of Advanced Research in Dynamical and Control Systems, Vol: 11, Special Issue, 143 – 149, ISSN: -1943-023X (SCOPUS), 2017.
15. **Indu P, Shalom Elza Joseph, Sreelakshmi M C, Remya Nair T**, “Enhancement of hop count filtering mechanism- An anti-IP spoofing technique”, International Journal of Pure and Applied Mathematics, Vol: 114, No. 12, 51-58, ISSN:1311-8080 (Printed version), ISSN:1314-3395(On-line version), (SCOPUS), 2017.
16. **Neeraja U Gautham, Saimi Thresia M A, Leena Vishnu Namboothiri**, “Efficient domain name resolving in SDN using ReSt and HDNM”, International Journal of Pure and Applied Mathematics, Vol: 114, No. 12, 41 -50, ISSN:1311-8080 (Printed version), ISSN:1314-3395(On-line version), (SCOPUS), 2017.
17. **Anju K B, Jeethu Reju, Leena Vishnu Namboothiri**, “Enhancement of flow in SDN by embedded cache”, International Journal of Pure and Applied Mathematics, Vol: 114, No. 12, 29-39, ISSN:1311-8080 (Printed version), ISSN:1314-3395(On-line version), (SCOPUS), 2017.

18. **Anooja B, Athira P R, Nitha L** “A Hybrid approach for e-mail spam detection using decision tree and differential evolution algorithm”, Journal of Advanced Research in Dynamical and Control Systems, Vol: 11, Special Issue, 356 – 361, ISSN: -1943-023X (SCOPUS), 2017.
19. **Swathy Lakshmy T S, Aswathi Sivadasan, Nitha L**, “Detection of fraudsters in electronic auction using hidden markov model with X-Means clustering algorithm”, International Journal of Pure and Applied Mathematics, Vol: 114, No. 12, 157-165, ISSN:1311-8080 (Printed version), ISSN:1314-3395(On-line version), (SCOPUS), 2017.
20. **Megha M, Sreekumar K**, “Improving storage and security efficiency on Hadoop”, Journal of Advanced Research in Dynamical and Control Systems, Vol: 11, Special Issue, 321 – 325, ISSN: -1943-023X (SCOPUS), 2017.
21. **Drisya S, Sreekumar K**, “Volume challenges of big data: Traditional vs Big data”, Journal of Advanced Research in Dynamical and Control Systems, Vol: 11, Special Issue 326 – 329, ISSN: -1943-023X (SCOPUS), 2017.
22. **Kavya U K, Lakshmi V S, Nadadhur Srinivasa Ranganadhan**, “Adaptive E-Learning student model for autistic students”, Journal of Advanced Research in Dynamical and Control Systems, Vol: 11, Special Issue 135 – 142, ISSN: -1943-023X (SCOPUS), 2017.
23. **Anjaly Shaji, Mary Shilpa N A, Nadadhur Srinivasa Ranganadhan**, “Course Recommendation System (CRS) for autistic students”, Journal of Advanced Research in Dynamical and Control Systems, Vol: 11, Special Issue, 167 – 174, ISSN: -1943-023X (SCOPUS), 2017.

Staff Achievements



“Sahodaya”, a one day CBSE school teachers training programme in Computer Science was organized by Amrita Vidyalayam, Edappally on 23rd July 2017 at our Campus. The session was handled by **Ms. Rajalakshmi V R** of Dept. of Computer Science & IT. The topic covered was “Data & File Structures in C++”. 30 Computer Science teachers from various CBSE schools in Ernakulam District took part in the camp.



Department of Computer Science & IT of ASAS, Kochi conducted the Ph.D. Open Defense of **Mrs. Sreeja N**, Assistant Professor and Research Scholar (CS & IT Dept.), Amrita School of Arts and Sciences, Kochi on 21st August 2017 at the college CIR seminar hall. Her thesis was on the topic “Computational Methods for Analyzing Gene Disease Association in Complex Disorders”, guided by Dr. U. Krishnakumar, Director. More than 100 scholars including Experts in Bioinformatics and Data Mining and CS and IT Faculty Members participated.

Papers Published by Staff in SCOPUS / NON-SCOPUS / UGC Indexed Journal

1. Sreeja Ashok and Dr. K P Vinayan (2017). Multidimensional knowledge-based framework is an essential step in the categorization of gene sets in complex disorders. Journal of Bioinformatics and Computational Biology. (Accepted for publication)
2. Sreeja Ashok and Dr. U Krishnakumar (2017). Gene Ontology Based Functional Analysis And Graph Theory For Partitioning Gene Interaction Networks. International Journal of Pharma and Bio Sciences, 8(2), 183-192.

3. Athira A Jolly and Sreeja Ashok (2017). Edge Pruning and GA-Based Clustering Approach for Biological Data Analysis. *Journal of Engineering and Applied Sciences*, 12(11), 2990-2995
4. Maria Joseph and Sreeja Ashok (2017). Minimum Spanning Tree based Community detection for Biological Data Analysis. *Journal of Engineering and Applied Sciences*.(Accepted for publication)
5. Maya L Pai, K V Pramod, A N Balchand, M R Ramesh Kumar, “Can the Drought/Flood Monsoon Conditions over the Indian Subcontinent be Forecasted using Artificial Neural Networks? , “*Indian Journal of Geo Marine Sciences*”, (SCOPUS), Vol: 46 (04), PP: - 669 – 677, ISSN: - 0975-1033, April, 2017.
6. M Soumya Krishnan, “Multiplicity and Incorporation of Female Community in IT-ITES Corporates in India”, *International Journal of Control Theory and Applications* (UGC No – 2003), Volume: No.10, Issue No. 27, May, 2017.
7. M. Soumya Krishnan, “Multiplicity and Incorporation of Female Community in IT-ITES Corporates in India”, *International Journal of Control Theory and Applications* (UGC No – 2003), Volume: No.10, Issue No. : 27, May, 2017.
8. The article entitled “Fuzzy Based Machine Learning: A Promising Approach” written by Sujamol S, Dr. Sreeja Ashok and Dr. U Krishna Kumar was accepted and published in *Computer Society of India Communications* , 41(8) , November 2017
9. The article entitled “Machine Learning in Advanced Python” written by Suchithra M S and Dr. Maya L Pai was accepted in *Computer Society of India Communication Article* during October 2017.
10. The article entitled “A Roadmap for Biological Network Analysis” written by Nikhila T Suresh and Dr. Sreeja Ashok was accepted in *Computer Society of India Communication* during October 2017.
11. An article entitled “Multidimensional knowledge-based framework is an essential step in the categorization of gene sets in complex disorders” by Dr. Sreeja Ashok and Dr. K. P. Vinayan is published in *Journal of Bioinformatics and Computational Biology* ,15(6) , 2017.
12. M. Soumya Krishnan, Assistant Professor, Department of Computer Science and IT, published a research paper titled “Multiplicity and Incorporation of Female Community in IT-ITES Corporates in India” in the *International Journal of Control Theory and Applications* (Volume : No.10 (2017) Issue No. :27 (2017)), an UGC approved Journal (UGC No – 2003) during May 2017.

External Talks / Events

Amrita University’s Technology Business Incubator (Amrita TBI) Organized an event on Startup Hub in Kochi on 23rd September 2017 at AIMS campus, in which our students and Staff participated. The one-day event, held in association with NITI Aayog, brought together enthusiasts, entrepreneurs, idea seekers, venture capitalists and angel investors on a common platform. Shri. Kochouseph Chittilappilly, Director, V Guard was the Chief Guest and Keynote Speaker for the first StartupHub Kochi event. The session also had a talk on “IoT - Next wave of computing “ by Mr. Prabhjot Bakshi, Amrita TBI startuphub. BBM 5th Semester, MSC CS 3rd semester and Ph.D. scholars were benefitted by this event. Faculty **Sri. R. Nandakumar** and **Smt. V.R. Rajalakshmi**, Assistant Professors, CS & IT Department, ASAS Kochi also participated in the event.

Two Day National Seminar on Scientific Research Writing and Latex Skills

The Two Day National Seminar on Scientific Research Writing and Latex Skills was inaugurated by Dr. C. George Thomas, Associate Dean, Kerala Agricultural University, Thrissur. Dr. U. Krishnakumar delivered the Welcome address. The official inauguration concluded with the vote of thanks proposed by Dr. Sony Vijayan. The keynote session was on “Research Methodology, Research Problem and Scientific Writing” handled by Dr. C. George Thomas, Chief Guest. The afternoon session started off with an erudite lecture by Dr. Johny Jonson, Associate Professor, School of Management and Business Studies, MG University on the topic “Research Design, Resources, Planning and Preparation”. The Second



day began with a session on the topic: “Research Methods, Sampling and Data Collection” by Dr. Martin Patrick, Chief Economist, Centre for Public Policy Research, Ernakulam. The second session on August 19th was handled by Dr. Pradeep Kumar Singh, Professor, Department of Commerce, Bharathidasan Government College for Women, Puducherry on the topic “Research Interpretation and Report Writing”. The Afternoon session on the topic Latex Skills was handled by Faculty members of the Department of Mathematics, Dr. M.R. Chithra and Sri. R. Parameswaran. Certificates were distributed to all the participants of which 20 were from different colleges in the district. Our Research Scholars, M. Phil. students, Postgraduate and final semester Undergraduate students of the department benefited from the two-day program.

Vidyamritam



An informative session on Career guidance in SMAC and Business Analytics was conducted on September 2017 by **Prof. Shrikrishnan J.** and **Prof. Shyam A.V.** from Amrita School of Business. All final year UG students of Dept. of Commerce and Management attended the session. Prof. Shyam A.V. handled a session on the topic ‘Careers in SMAC’ which was truly exceptional and also inspired the students to decide fixing the trajectory Management of their careers. Prof. Shrikrishnan J. presented a session on the topic ‘Business Analytics’ which helped the students to get an overview relating to the skill needed in the application of analytics.

Educational Tour

The School organized an educational tour from 6th November 2017 to 10th November 2017 for the final year M.Com Students. The visit was organized under the guidance of Dr. U. Krishnakumar and Dr. Sony Vijayan, HOD, Department of Commerce and Management. Dr. Anoop K.K was the coordinator for the whole visit. 19 M.Com. final year students participated in the educational tour to Wayanad and Mysore. Faculty members and staff also joined them. During the first two days, they visited beautiful places like, Kakkayam, Peruvannamuzhi, Banasurasagar, Meenmutty waterfalls and Tirunelli temple. On the third day, they visited RUDSET Institute, a rural development and self-employment training institute sponsored by SDME Trust, Syndicate bank and Canara Bank. RUDSETI offers more than 60



types of Entrepreneurship Development Programmes in various avenues. Mainly Entrepreneurship Development Programme (EDP) for First Generation Entrepreneurs is classified into four categories such as, Agricultural EDPs, Product EDPs, Process EDPs, and General EDPs. Apart from the industrial training program, they visited Mysore Palace, Chamundeshwari Temple, Zoo and Brindavan Garden.

Industrial Visit

As part of the practical studies on the subject Hospital Management, students of fifth semester B.Com Tax and Finance and B.Com finance and IT visited Amrita Institute of Medical Sciences on 3rd November 2017. The students got a good idea of the working of the different departments at the hospital. Later students were taken for visit to KMK Hospital, Lakshmi Hospital and Giridhar Eye Institute.

Seminars and workshops attended by faculty

1. Dr. Sony Vijayan was a Resource person and handled a session on the Basic Perspectives of the Law of the Sea and Marine Pollution at the three day National Seminar on Indian Law on Maritime Jurisdiction from 18th -20th february 2017 at the Government Law College, Ernakulam.
2. Dr. Sony Vijayan handled a session on Jurisdictional Issues with respect to Environmental Damage by Ships at the UGC Sponsored National Workshop on Emerging Trends in Maritime Jurisdiction in India: Issues and Challenges on 29th August 2017 at the School of Legal Studies, CUSAT.
3. Dr. Sony Vijayan judged the 4th NUALS Maritime Law Moot Court Competition,2017 from 14th-16th July 2017 at the National University of Advanced Legal Studies, Kochi.
4. Dr. P. Balasubramanian handled a session on “How to face the challenges in life and also to do best for the CBSE Board Exam” for 10th Std and 12th Std students at Kasturba English Medium School, Kochi.

5. Dr. P. Balasubramanian handled a session on “Understanding Entrepreneurial Sensitivity” organized by National Mission for Capacity Building of Bankers for Financing MSME sector (NAMCABS) Reserve Bank of India, Thiruvananthapuram on 25th August 2017, for MSME branches of Commercial Banks Calicut division.
6. Dr. P. Balasubramanian have been appointed as the reviewer for the Academy of Accounting and Financial Studies International Journal.
7. Ms. Krishna M.B and Dr P.Balasubramanian has jointly prepared the paper titled “Micro Finance as a tool for Financial Inclusions – a review paper” has been accepted for presentation in the International symposium on Frontiers of Infrastructure Finance (ISFIF 2017) to be held during December 14-15, 2017 at the IIT Kharagpur.
8. Ms. Ranjini S Nambiar and Dr. P Balasubramanian have jointly prepared the paper titled “A study of the startup ecosystems- focusing on Kerala and Karnataka” has been accepted for presentation in the “International Symposium on Frontier of Infrastructure Finance (ISFIF 2017) to be held during December 14-15, 2017 at the IIT Kharagpur.
9. Ms. Anusree Sasidharan, Ms. Elsa Elizabeth Jacob, Ms. Soorya Soman, Ms. Vidhya Vinayachandran, full time PhD Research Scholars of Department of Commerce and Management attended a National Research Conference on Commerce, Management and Social Sciences on 26th August 2017 organized by the Post Graduate Department of Commerce, Maharajas College, Ernakulam.
10. Ms. Elsa Elizabeth Jacob, Ms. Divya N.D and Ms. Soorya Soman, full time PhD Research Scholars of Department of Commerce and Management attended a three day National Workshop on Research Methodology and Data Analysis in Social Sciences from 8,9,10 November 2017 organized by the Post Graduate Department of Commerce, Government College Kattapana sponsored by Directorate of Collegiate Education, Government of Kerala.

Paper Publications

1. Vidhya Vinayachandran and Dr. A.S. Ambily, “Sustainability among MSME entrepreneurs towards globalisation”, in Advances in Natural and Applied Sciences. ISSN 1995-0772, 2017 April 11(4), pages 332-341. Impact factor .12.
2. Preethi M. Prasad and Dr. A.S. Ambily, “A Study on Strategic Leadership Styles among Kudumbashree in Promoting Agricultural Business” ISSN 1995-0772, 2017 April 11(4), pages 342-348. Impact factor .12.
3. Arya.M and Dr. A.S.Ambily, “Menstrual hygiene management- A study among adolescent tribal girls in Kannur district with special reference to Kolayad Grama Panchayath” in Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp- 6 / 2017. (Scopus)
4. Dr. A.S.Ambily, “A study on the impact of MNREGA scheme on Kerala Tribal’s”, in Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp- 6 / 2017. (Scopus)
5. Ms.Preethi.M.Prasad, Dr. A.S.Ambily, “A study on lapsed policies of life insurance corporation of India with special reference to Thiruvalla branch of Kottayam division”, in Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp- 6 / 2017. (Scopus)

6. Arya.A.P, Meghana.S, A.S AMBILY, “Study on Mahatma Gandhi National Rural Employment Guarantee Act (Mgnrega) and Women Empowerment With Reference To Kerala” in Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp- 6 / 2017. (Scopus)
7. Govind V, Lijo K Thomas, Dr. A.S. Ambily, “THE KOCHI METRO OPPORTUNITIES, CHALLENGES AND IMPACT ON PUBLIC: A STUDY AT ERNAKULAM DISTRICT”, in Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp- 5 / 2017. (Scopus)
8. MS.NEETHU N KUMAR, MS.DIVYA FRANCIS, DR. A.S.AMBILY, “Consumer Behavior towards E-Marketing”, in Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp- 5 / 2017. (Scopus)
9. SILPA K S1 ARYA MOL J, , Dr. A S AMBILY, “A study on Fundamental Analysis of Selected IT companies Listed at NSE”, in Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp- 5 / 2017(Scopus).
10. Vishnu P M, Sushmitha Sidharth, Dr. A.S Ambily, “INFLUENCE OF PACKAGING OF FMCG PRODUCT’S BUYING BEHAVIOUR ON CONSUMER PREFERENCES IN KERALA”, in Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp- 5 / 2017. (Scopus)
11. Veena Mariam John, Dr. A.S.Ambily, “A STUDY ON THE AWARENESS AMONG CONSUMERS AND RETAILERS REGARDING GRADING OF PLASTIC UTENSILS -WITH SPECIAL REFERENCE TO COCHIN CITY, in Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp- 6 / 2017. (Scopus)
12. Jyothi A N, Dr.A.S.Ambily, Ponsindhu.T, “A STUDY ON THE IMPACT OF STRATEGIC LEADERSHIP SKILLS OF MSME EMPLOYEES TOWARDS BUSINESS PERFORMANCE”, Journal of Advanced Research in Dynamical and Control Systems Special Issue - (12) 2017, JARDCS, ISSN 1943-023X. (Scopus)
13. Dr. Sony Vijayan and Ann Mary Jhones “ Contract Farming in Sustainability Of medicinal Plants in India “in the International Journal of Economic research vol 14 has been accepted to publish .(scopus).
14. An insight into the role of family communication style and brand awareness in purchase decision of high, low and child centric products.journal: ---- International journal of applied business and economic research,serial publications (SCOPUS INDEXED) has been accepted to publish .
15. Ms. K.G. Rajani & Ms. G. Gopika Paper title - Demonetisation of Legal Tender Money in India: Boon or Bane to the Parallel Economy; A Hypothetical inquiry - International Journal of Applied Business and Economic Research (Scopus Indexed) has been accepted to publish .

Vidyamritam



Session on energy management was handled by **Mr. Nair Nandakumar**, Senior Associate Vice President EMD ,Carborundum Universal Limited(CUMI). He discussed the importance of saving electricity . The session was attended by all final year UG and first year PG students of department of Commerce and Management .The session was interesting to all the students and involved good interaction. It also gave new ideas on the power saving strategies to be followed .

Journalism Seminar



Department of Visual Media and Communication held a two day Journalism seminar for MJMC students on 16th and 17th August. Dr. U. Krishnakumar, Director, inaugurated the seminar. P.R. Vandana (Coordinating Editor, Asianet News), Alakananda (News Editor, Asianet News), Manish Narayanan (Associate Editor, SouthLive.com) and Varun Ramesh (Chief Sub Editor, Asianet News Website) handled the sessions on different areas of visual journalism.

Ramoji Rao Film City Visit

Third semester post graduate students of the department recently visited Ramoji Rao Film City, Hyderabad. It was a one week program from the 19th to 25th September 2017. The students benefited immensely from the visit as it opened up a new world of filmmaking.

The students also visited Salar Jung Museum, Birla Mandir, and Lumbini Park. A visit to the monumental city, Charminar and Golconda fort was a wonderful experience in itself.



The two-day stay at Ramoji film city was a memorable event. They enjoyed the expedition at Eureka. The view of sets of films was a wonder in itself. The students also witnessed some of the performances of the artists and were exposed to hands on experience in production and post production of films.



Samanwaya Art Exhibition

On 20th July 2017 Visual Media students were taken to 'Samanwaya Art Exhibition' conducted by Kerala Lalithakala Akademi at Durbar Hall Art Gallery. It is the first exclusive workshop for the trans-genders. Students got chances to interact with professional and amateur artists and comprehended novel experiments in art. They produced a newsletter and a visual documentary on the invited exhibition. About 40 transgenders were the main artists.

Chitrakala Kalari - Art Camp



A three day art camp, KALARI, organised by Kerala Lalithakala Academy was held in the campus on October 28, 29 and 30. Brahmachari Tapasyamritha Chaitanya inaugurated the camp. Renowned artists Sri. Manoj Brahmamangalam, Sri. Shaji Appukkuttan and Sri. A.K. Haridas conducted classes. The theme of the

second day was Nature and the students were taken to Cherai . More than 30 students actively participated in the camp and were happy to polish their artistic talents under the directions and instructions given by

the experts. Prof. C.S. Jayaraman, Sri. Vinod Lakshman and Sri. Vinod N.K. led the camp with the whole hearted support of Dr. U. Krishnakumar. Academy distributed certificates to all the participants.

Nature Camp

Two day Nature camp for BSc Visual Media third Semester students was arranged at Parambikkulam on November 12 and 13. The camp was arranged by Kerala Forest and Wildlife department. Senior officials from the department took nature awareness classes for the students. Students were also taken for trekking in deep forest.



Short Film Award

The short film ' Orotta Chintha' by MA Visual Media and Communication won first prize in 'DIAFEST 2017', organised by the Dept. of Endocrinology, Amrita Institute of Medical Sciences. Pranoy

Roy and Abhijith were the directors of the film. ' Vichchedanam' by MFA DFM students received second prize. MA Krishnakumar and Varun Prabha of department of Visual Media guided the students

Art Camp

A one day art camp was organised by department of Visual Media and Communication on October 23rd at the campus. Prof. C.S. Jayaraman, Sri. Vinod Lakshman and Sri. Vinod N.K. led the camp. More than thirty students from various departments participated in the camp.

Yuvavani

Post-Graduate students of Department of Visual Media and Communication got a chance to present a drama in All India Radio's Yuvavani Programme. The programme was aired on October 19th at 8pm. Sri. Chandran Perumudiyur trained the students.

Advertising Workshop

A three day workshop on packaging was held on 2nd, 3rd and 4th November for the students of final year MA CCA and BSc VM by Sri Prasad N Krishnan, a freelance Designer. The workshop was conducted on Packaging techniques and its history. Sri Prasad illustrated a packaging design in the software Adobe Illustrator and taught the students many of the short keys and methods used while designing a package. Along with him the students were also made to do the work on the layout and designing of the package. Once the works were completed the outcome of each of the students were different which was later presented in a 3D form of



Package in Photoshop.



Photography Exhibition

First semester PG students of Visual Media and Communication department visited a photography exhibition 'Girisringalalilude' by Malayala Manorama photographer Sri. B. Jayachandran on 2nd August at Ernakulathappan hall.

'Karutha Juthan' - Film Screening



Visual Media students were taken to the first screening of the movie 'Karutha Juthan' directed by Sri. Salimkumar on August 22nd at Paravur Kairali theatre. The film which won the last year's state award for best script inspired the students. The Director himself arrived to interact with the students after the show.

R4Respect

The final year Visual Media students organized an event named 'R 4 Respect' on September 28. It is a CSR initiative to help improve the conditions of elder citizens who are being thrown out of their own families and have taken refuge in old age homes or on the streets and left unmanned. They re-launched, the event by bringing in the inmates of Shree Purnathrayeesha Ashram, Thripunithura. They were honoured by Prof. C.S. Jayaraman and were engaged in various entertainment activities including solo music performance and group dance by students. Then they shared their experiences, about their family, home, which they once had. The students spent quality time with them in the morning and had lunch with them in the afternoon. The program was inaugurated by Dr. U. Krishnakumar, Director. Sri. D. Harikrishnan, HOD, Dr. C.S. Jayaraman, Dr. Sony Vijayan and Dr. Sreenath Muraleedharan offered felicitations. The event ended with the vote of thanks by Smt. Rashmi J. Menon.



The campaign put forth the idea of celebrating old age, entertaining them, moreover, spending time with them, loving and caring. The R4R team initially entered into a chat with the grandmothers, stepping into the shoes of a caretaker and grandchildren as well. There were inmates of different age groups, who were young at heart.

The grandmothers introduced themselves to the team with deep joy and a sense of well-being. Among them was Ganabhooshan Rukmini Devi, an inmate of 'Ammaveedu', who entertained all present there with her wonderful songs. A game session followed the songs, awakening the child in them. They were rewarded with chocolates wholeheartedly for taking up the tasks.

The campaign awoke the singers and dancers within the R4R team, who entertained the grandmothers with their talent along with snacks which was sponsored by Best Bakers, Edappally. Karthiayani Amma, the most energetic among the inmates, stole the program with an appreciable performance. Karthiayani Amma sang and danced with the R4R team and it was a surprising treat for the team members. Their faces then read of childhood and happiness, which exactly was what the campaign craved for. They were served the lunch sponsored by different hotels such as Aaryas, Saravanabhava. A group photo to cherish the memory was saved in each one's heart core forever.



The Department went on-track with the CSR campaign, R4 Respect, on 3rd November, 2017 with the residents of "Ammaveedu", an old age home at Kangarappady, Kochi. The R4 Respect team reached "Ammaveedu" with the sole intention of spending a day with the members who have the wisdom of age and experience. The R4R team was warmly welcomed by the inmates of 'Ammaveedu', reminding them of good old days, a colourful childhood and memories of friends and family. The present residents of 'Ammaveedu' are 15 grandmothers and three caretakers.

R4Respect

On November 15 2017 the R 4 Respect team visited the isolation ward of Government hospital, Ernakulam. There were 30 patients in the ward both men and women. Most of them had severe health conditions and were rejected by their relatives. Students gave them bed sheets and also donated some amount to pay their medical bills which was contributed by the students,



faculty and sponsorship. Students spend more than two hours with the patients, talking and also serving lunch to them which is provided by the hospital. The hospital visit gave them a lot more idea of the importance of taking campaign to the public. The initiative was well supported by different media such as Indian express, Deccan chronicle, Mathrubhoomi TV, etc.

Photography Day

Sri. B. Jayachandran, Picture Editor, Malayala Manorama, took class on photography for visual media students as part of World Photography day on 19th August, 2017. Students were overwhelmed to hear his adventurous field experience. The session was spiced up with interactive session. Sri. D. Harikrishnan, HoD, Dept of Visual Media and Communication, welcomed the guest. Sri. M.A. Krishnakumar, Asst. Professor, Visual Media department, delivered felicitations.



Mohanlal's Lalsalam- Amrita Television Program

From 22nd July UG third semester students actively participated in the program shoots of 'LALSALAM' which is being telecasted by Amrita TV. The program with more than five episodes portrays the film career of actor Mohanlal. Students were

overwhelmed to witness the pre-production stage of a television programme. The actors and crew of Padamudra, Aramthamburan and other hit Mohanlal films shared their experience along with the super star.

Interpreting Resonance



Faculty Member Sri. Vinod L was one of the four artists whose works were exhibited at the art exhibition titled 'Interpreting Resonance' curated by M/s Sathish Menon and Shana Susan, at White Walls Gallery, Palarivattom. The exhibition featuring four musicians, four artists, four writers and four performers, was from 29th July to 30th August 2017. students of MFA (AAA) and MA (CCA) and B.Sc. (VM) were taken to see the exhibition

Science Communication Workshop



A six-day workshop on "Science Communication" was held in Campus from August 21st to 26th. Sri. K.P. Madhu, a veteran consultant and trainer in Science Communication and former head, IISER, Pune handled the workshop for MJMC 3rd semester students. The workshop was a tremendous success as it instilled the need for revision of academic and research perspectives among the students and the faculty.

SIGNS Short Film Festival

3rd Semester students of B.Sc. (Visual Media) were taken to 'SIGNS-Short film festival' at Ernakulam Townhall, organized by Federation of Film Societies India-Keralam in association with Kerala State Chalachitra Academy.

Channel Visit

B.Sc. (Visual Media) 3rd semester students were taken to the studio of Flowers channel. They participated in the production of Comedy Ulsav programme on 18th August 2017.

Product Launch

Sri. Krishnakumar M.A. and Varun Prabha T, Assistant Professors, attended a Photography workshop and Product launch organized by Canon India on July 21, 2017 at Crown Plaza Kochi.

Workshop on Script Writing and Film Production



A Four day workshop on Film Production & Script writing was organized for the 5th semester B.Sc Visual Media (Video Production), 3rd semester MFA (DFM) and MA (VMC) students of the department from 27th to 31st of July 2017. Sri. Babu Pallasserri, renowned script writer and director of Malayalam film industry conducted the workshop. The workshop made the students aware of the new trends in film and drama.



Clay Modelling Workshop

A two-day workshop on clay modelling was organized for Final year students of MFA DFM and MFA ACM on October 11th and 12th. Prof. C.S. Jayaraman led the workshop. Interested students from other departments also participated in the workshop. Students learnt sculpting and hand-building skills along with gaining knowledge about different types of clay. They made tiles, pots, portraits, brooches, hanging ornaments, tea light holders and so on.

Packaging and Printing – Industry Visit to Sivakasi

MA (CCA) 3rd semester students of the Department of Visual Media and Communication went on a three day visit to the packaging and printing industry at Sivakasi. The industrial visit from 3rd to 5th October 2017 gave the students an exposure to the latest trends in Packaging and Printing industry. They also visited Gandhi Museum at Madurai. They were accompanied by Sri. A.K. Haridas, Sri. Dinesh Babu S., Ms. Rekha K.P., Faculty Members and Sri. Sreejith C P Technical Staff. An 'R4Respect' campaign was done at Anbu Illam, our Old Age Home at Sivakasi.



A visit to Kerala Kalamandalam



All the first year students of UG and Integrated Programme visited the Deemed University Kerala Kalamandalam, a major center for learning Indian performing arts at Shoranur. They witnessed classes of various art forms. Sri. Radhakrishnan Asan, eminent artist and senior faculty member demonstrated Chakiar Koothu which was highly informative. Later on students were taken to Bharathapuzha.

Workshop on Research Methodology for Humanities



Dr. Prasanthakumar N, Professor, Dept. of English, Sree Sankaracharya University of Sanskrit, Kalady conducted a 4-day Workshop on Research Methodology for Humanities from 1st August 2017 to 4th August, 2017 for M.Phil students and Research Scholars of the Dept. of English and Languages. The workshop touched upon the methodology of the discipline and provided hands-on training for research work.

Vidyamritam



Dr. N. Prasanthakumar, Professor, Department of English, Sree Sankaracharya University of Sanskrit, Kalady delivered the first lecture of the Vidyamritam series on 21st July, 2017 in the CIR Seminar Hall. The speaker began with a brief description of the development of the English Language and elaborated upon the place of English language in the contemporary literary paradigm. The lecture concluded with an interactive session.



The Second Vidyamritam lecture of the Department of English and Languages was given by **Ms. Preethi Kumar**, Dept. of English, St. Teresa's College, Kochi, in the auditorium on 17 August 2017. Dr. U. Krishnakumar, Director, welcomed the speaker. Ms. Kumar spoke on 'Colonialism and Masculinity' to the undergraduate and postgraduate students and research scholars of the department. Ms. Devika, research scholar proposed the vote of thanks.



Dr. B. Hariharan, Professor, Institute of English, University of Kerala gave an informative and inspiring lecture on the history of Canadian Literature, the third in the series on 8th August 2017. Dr. U. Krishnakumar, Director, welcomed the speaker. The session was attended by the members of the Faculty, Research Scholars and Postgraduate and Undergraduate students of the department.

Felicitation of Captain Radhika Menon



Department of English and Languages organized a function to felicitate Captain Radhika Menon, India's first woman Merchant Navy Captain. Dr. U. Krishnakumar welcomed the guest of honour. Captain Menon gave a very inspiring talk on her illustrious career and urged the students to take up seafaring as a career. After the talk, she interacted with the students. Smt. Sreedevi O S, Faculty in Sanskrit, proposed the vote of thanks. Later the students of Dept. of Visual Media and Communication interviewed Captain Radhika Menon.

Two Day National Seminar “Singular Plural: Language and Culture in the Contemporary Context”

The Department of English and Languages organized a Two Day National Seminar ‘Singular Plural: Language and Culture in the Contemporary Context’ on 26th and 27th of October, 2017. The seminar proved itself to be a fruitful venue for a deeper probe into the contemporary relevance of the interface of language and culture and the ways in which they impact the different transactions in life including ways of thought, life style, perceptions, forms of art and literature, everyday experience, and kinds of discourses. Dr. Chitra Panicker (Bangalore University), Prof. (Dr) Sathesh Poduval (English and Foreign Language University, Hyderabad), Dr. P.P. Ajayakumar (Kerala University) and Dr. Muraleedharan Tharayil (Chetana College of Media and Performing Arts, Thrissur) were the resource persons at different plenary sessions. The seminar attracted many a faculty, research



scholars and students from universities and colleges across the country who presented papers on various aspects of the topic. Dr. Sreenath Muraleedharan K was the Coordinator of the seminar and Prof. C. S. Jayaraman was led of the organizing committee.

150th Birth Anniversary of Sister Nivedita

Department of English organized a seminar to mark the 150th Birth Anniversary of Sister Nivedita entitled The visionary -Sister Nivedita- A multifaceted genius par excellence at CIR Seminar Hall on 12th October, 2017. Ms. Leena D’ Mohan Secretary Sakthi Kerala, welcomed the gathering. Shri .R.Hari, scholar and former Rashtriya Boudhik Pramukh inaugurated the function on a formal note. Dr. U. Krishnakumar delivered the



Presidential Address. Dr. A.K Prema created a general awareness on Shakthi Keralam. The formal inauguration was followed by two sessions. Shri. Hari, the Chief Speaker provided an insight into the life and works of Sister Nivedita, inspiring the listeners to view her as a role model. Dr. Jyotsna G, Assistant Professor, Department of Vyakarana, Govt. Sanskrit College, Tripunithura spoke on the topic Sister Nivedita’s Relevance today with focus on Women’s role in Nation Building. The last session was conducted by Dr. Lakshmikutty N. Professor (Retd) and Former Head Dept. of History U.C. College, Aluva. Her topic was on the Contribution of Sister Nivedita in making Modern India. The session was followed by a PPT presentation and a Visual Documentary. The programme concluded with an interactive session and a quiz by Rajalakshmi Kanjilal, Ph.D Scholar.

Student Achievements

Ms. Aiswarya P. Int.MA English VII Semester student published a paper entitled “Gaslighting” And Identity Crisis: A study of Paula Hawkins’ Novel The Girl on the Train in L’Ordine Nuovo Publications, Tamil Nadu, India (Supported by Raja Ram Mohan Roy National Agency for ISBN, New Delhi).

Invited Lecture and Outreach Participation

1. Dr. Sreenath Muraleedharan K, Assistant Professor, Dept. of English and Languages was invited as a Resource Person for Two Day National Seminar on 'Applied Philosophy' at Dept. of Philosophy, Maharaja's College, Ernakulam on 5th and 6th of October, 2017. He led a session of the seminar and gave a lecture on 'The Poetics and Politics of Gender'.
2. The students from Int.MA English V Semester and IX Semester attended a one day National Seminar on Canadian Multiculturalism on 27 september, 2017 under the auspices of the Post Graduate Department of English, Sree Sankara College, Kalady. Dr. Madhumathy and Ms. Geetha R. Pai, Assistant Professors accompanied the students. Aparna V., Gopika K. Pradeep, Reshma Sathyan and Niya Mathew Tharakan, Int. MA English IX Semester students presented papers which were well appreciated and elicited questions from the audience contributing to a lively interactive session.

Staff Achievements

1. Sri. M. Ramachandran (Chandran Perumudiyur)
 - » Article published in 'Amritavarshini' Ernakulam Brahmasthanam Festival Souvenir
 - » Talk on Sanskrit Scholar 'Punnasseri Nambi Sri Neelakanda Sarma' and distributed Sanskrit Scholarships at Govt. Oriental Higher Secondary School, Perumudiyur, Pattambi on 19-06-2017.
 - » Presented a paper on 'Swami Vivekananda at a National seminar at Sree Sankaracharya Sanskrit University, Kaladi on 30-6-2017.
 - » Coordinated 'Campus Voice' programme of AIR Kochi FM (interview with students by AIR Staff at our campus) on 21.7.2017 –Programme was broadcast on 23rd & 30th July 2017
 - » Published a value oriented article in Matruvani August issue 'Anavasarithile Phonevilikal'.
 - » Matruvani AMMA's Birthday Supplement brought out in October 2017 had an article by Mr. M.Ramachandran .
 - » He coordinated the visit to Kalamandalam ,Cheruthuruthy for all first year UG students on 26-09-2017.
 - » He also arranged Yuvavani programme of MJMC & MA VM students which was recorded on 11-10-2017 and broadcast on 12-10-2017 and 19-10-2017.
2. Dr. Sreenath Muraleedharan K, Assistant Professor, Dept. of English and Languages authored a book titled Community and History: The Early Narratives of Kerala published by Viva Books, New Delhi.
3. Dr. P. P. Vijyalakshmi, Professor, Department of English and Languages published a paper entitled Unburdening the School Bag in 'Explorations in Critical Humanities : A Collection of English Essays ' edited by Sreenath Muraleedharan K and Devi K., 2017 edition ,VIVA Publications , Delhi. ISBN 9789386385536.
4. Ms. Sonia Chellirian, Asst. Professor, published a paper entitled Cymini Sectors of Belief in 'Explorations in Critical Humanities : A Collection of English Essays ' edited by Sreenath Muraleedharan K and Devi K., 2017 edition ,VIVA Publications , Delhi. ISBN 9789386385536.
5. Ms. Kavya Purushothaman, Assistant Professor published a paper entitled Ecological Concerns in the Poetry of North East Indian Women Poets: An Analysis of Select Works in 'Explorations in Critical Humanities : A Collection of English Essays ' edited by Sreenath Muraleedharan K and Devi K., 2017 edition ,VIVA Publications, Delhi. ISBN 9789386385536.
6. Ms.Geetha R. Pai Assistant Professor , Department of English and Languages published a paper entitled Magical Gourmet:Culinary Nostalgia in Reef by Romesh Gunesequera in 'Explorations in Critical Humanities: A Collection of English Essays' edited by Sreenath Muraleedharan K and Devi K., 2017 edition, VIVA Publications , Delhi. ISBN 9789386385536.

Vidyamritam Session



Dr. Aparna Lakshmanan S.,
Assistant Professor & Head,
Department of Mathematics,
St. Xavier's College for

Women, Aluva, delivered a lecture on the topic 'Introduction to Graph Theory' as part of Vidyamritam, the extramural lecture series organized by the Department of Mathematics on 22nd September 2017. The talk focused on the major topics in Graph Theory like Eulerian graphs and Hamiltonian graphs. Many interesting puzzles in graph theory were also discussed. After the lecture, the students gave presentations on several topics in Mathematics.



Dr. Vishnu Namboothiri K., Assistant Professor,
Government Polytechnic
College, Vennikulam,

Pathanamthitta, delivered a lecture on the topic "SageMath" as part of Vidyamritam, organized by the Department of Mathematics on 24th October, 2017. The session was very informative and interactive. The talk was followed by a demonstration session of the software in the areas of algebra, combinatorics, number theory and calculus.

List of Publications

1. Sneha Elsa Idiculla, Revathy N V, Chithra M R, published a paper titled 'Distance degree sequence of product graphs' in the International Journal of Pure and Applied Mathematics Vol. 113(6) (2017), 174 - 182. ISSN: 1314 - 3395 Scopus Indexed.
2. Shyama S., Parameswaran R. published a paper titled 'A novel method of computing the value of combinations' in the International Journal of Pure and Applied Mathematics, Volume 114(12)(2017), 127-130. ISSN: 1314 - 3395 Scopus Indexed.
3. Amritha Haridas K, Sajisha Sajeevan, Sanooja Sadique, Ambili S Nair, published the article titled 'Performance of Targeted Public Distribution Systems as a means of Food Security, A Case Study of Kerala State' in the International Journal of Pure and Applied Mathematics, Volume 114(12) (2017) , 163-170. ISSN: 1314 - 3395 Scopus Indexed.
4. Merlin Abraham, R Aishwarya, Supriya Rajendran published a paper titled 'Prevalence and Intensity of General Anxiety and Mathematical Anxiety in College Students' Volume 114(12) (2017), 11-20. ISSN: 1314 - 3395 Scopus Indexed.
5. Savitha K S, Chithra M R, A Vijayakumar, "Some Diameter Notions of the Generalized Mycielskian of a graph", Lecture Notes in Computer Science Vol.10398 (2017), 371-382. ISSN : 0302 - 9743 SCOPUS INDEXED
6. Lakshmi Priya K., Parameswaran R. published a paper titled 'A study on the Encoding Systems in Vedic Era and Modern Era' in the International Journal of Pure and Applied Mathematics, Volume 114(7) (2017) , 425-433. ISSN: 1314 - 3395 SCOPUS INDEXED.

Invited Talk

Dr. M.R. Chithra, Asst. Professor & Head, Dept. of Mathematics, delivered an invited talk on the topic "Diameter Variability of Product Graphs" in the "International Conference on Recent Trends in Graphs and Networks" organised by Dept. of Mathematics, St. Xavier's College for Women, between 30th October and 1st November, 2017.

Dr. M.R. Chithra, Asst. Professor & Head, Dept. of Mathematics and Sri. R. Parameswaran, Assistant Professor, Department of Mathematics gave a lecture on the topic "Research Writing through Latex" as part of "Two Day National Seminar on Scientific Research Writing and Latex Skills" organised by Department of Commerce and Management, Amrita School of Arts and Sciences, Kochi, on 18th and 19th August 2017.

National Workshop on Latex Report and Article writing

The Department of Mathematics, Amrita School of Arts and Sciences, Kochi organized a National Workshop, on the 27th of October, 2017, on the topic Latex Report and Article writing.

The event was inaugurated by Dr. U. Krishnakumar. The sessions were handled by Sri.R. Parameswaran and Dr. Dhanya Shajin, the faculty of the Department of Mathematics, ASAS Kochi. The topics of the sessions were 'Introduction to LaTeX' and 'Specific to Subject Areas' respectively.

The afternoon session was based on practical, which helped the participants to get familiarized with the software.

Around 30 research scholars and faculty



members from various college in and outside Kerala attended the workshop. The participants were requested to give feedback of the event, where they mentioned that the programme has given them details about the software and its usage.

Paper Presentation

Jyothsna.B (M.Sc. Mathematics), Dr. B. Radhakrishnan Nair Dept. of Mathematics, presented a research paper titled "We also Burned Graphs" in the "International Conference on Recent Trends in Graphs and Networks"organised by Department of Mathematics, St. Xavier's College for Women, from 30th October to 1st November, 2017.

R.Krishnaja, (M.Sc Student), R.Parameswaran Department of Mathematics, presented a research paper titled "Secured Communication using ASCII code" in the "International Conference on Mathematical Engineering (ICMCE-2017) organised by Mathematics Division, School of Advanced Sciences,VIT University,Chennai during 3-4 November 2017.

Student Achievement

Sreelakshmi.P, M.Phil scholar, qualified State Eligibility Test (SET) in September 2017.

Conference Attended

Dr.B.Radhakrishnan Nair, Professor, Department of Mathematics, attended the "International Conference on Recent Trends in Graphs and Networks"organised by Department of Mathematics, St. Xavier's College for Women, from 30th October to 1st November, 2017.

Dr. B. Radhakrishnan Nair, Professor and Shad Ali, student,Third Semester Integrated Mathematics,attended 32nd conference of Ramanujan Mathematical Society at Rani Channamma University, Belagavi from June 23rd to 25th, 2017.

Smt. Manjusha.P, Assistant Professor, Department of Mathematics, attended the "International Conference on Recent Trends in Graphs and Networks"organised by Department of Mathematics, St. Xavier's College for Women, from 30th October to 1st November, 2017

Ms. Nayana P.G, Research Scholar, Department of Mathematics, attended the "International Conference on Recent Trends in Graphs and Networks"organised by Department of Mathematics, St. Xavier's College for Women, from 30th October to 1st November, 2017

Placement: Companies visited for Arts and Sciences programme - 2017

SAP Labs, Cognizant, CreatNlrn, Deloitte, Adneters, Compass, Parentcircle.com, ZEFO, Ammachi Labs, Wipro, Grazpp Edtech, KPMG, Capgemini, Mckinsey & Company, Infosys, EXL, Cognizant Infrastructure Services, FIITJEE Ltd., Air Arabia, CHANNEL I'M. COM, Federal Bank, Manappuram Finance Ltd., RR Donnelley, SSP International School, Geojit Financial Services Ltd., Mathrubhumi News Channel, India Live Today, Pixelstroke, Global Media Insight, SBL, Jaro Education, Niki, Paramount Computer Systems, Mantide Technologies Pvt Ltd, Amazon, Stranabytes, ATEES Infomedia Pvt Ltd., Amrita TV, Hubwords Media, Taurus Web Solutions, TCS Open Ignite, Envestnet, DG BPS, E – Animedia, NGA HR, DCB Bank, Anweshanam.com, CSS Corp, CR8 Advertising Pvt. Ltd., S&P Global Market Intelligence, Infocom Software, RBL Bank Ltd., OptioLogic Technologies, Media Box Office Pvt Ltd, Matrimony.com Ltd, UST Global, Itznewz, SoftwareOne, Asianet News, ESAF, Omnex, KONE Elevator, Karvy Stock Broking Ltd., Wipro, Zerone Consulting Pvt. Ltd., ESKO Graphics, Mazhavil Manorama, Kaumudy TV, Software Associates, National Instruments, MBO Advertising Agency, Broadway Communication, Royal Bank of Scotland and Ruby Seven Studios.

Companies visited for M.C.A. programme - 2017

Nationstar Mortgage, Amazon, ZOHO Corporation, Odessa Technologies, Payoda Technologies, GoFrugal Technologies, Cerner Healthcare, Analytic Quotient, ABCO, TCS, Infosys, Cognizant, EY Global Delivery Network, Tech Mahindra, Softeon India Private Ltd., CodeNation, Goodbox, Newgen Software Technologies, Quizizz, CreatNlrn, Robert Bosch, Hewlett Packard, ATEES Infomedia Pvt Ltd., Technicolor, Knowledge Lens, Doppio Group, Topscore Solutions Pvt. Ltd., Pivot Systems, CSS Corp, Metadata Technologies, Sonata Software Ltd., Sopra Steria, DBS Bank, Mitsogo Technologies, Telliant, DCB Bank, Infocom Software, Amrita Technologies, HCL Technologies, Amrita Create, Zebrionics India, Zerone Consulting Pvt. Ltd., MQ Spectrum, Cloudium Software, Mitsogo Technologies, Valorem, Quinnox and NTTData.

Arts and Sciences programme - 2018

ChargeBee Technologies Pvt. Ltd., Infosys, SAP Labs, Deloitte, McKinsey & Company, Amazon, KPMG, IndiGo (Interglobe Aviation Ltd.) and Sutherland.

M.C.A. programme - 2018

ABCO, Micro Focus, ChargeBee Technologies Pvt. Ltd., Odessa Technologies, Bridgei2i, Cerner, Analytics Quotient, IBM, Morgan Stanley, Infosys, TCS, EY GDS, KLA-Tencor, Newgen Software, Directi, Knowledge Lens, Experion Technologies, Abyeti Technologies, ICU Medical India, Promantia Global Consulting and Cognizant.

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