

FIRST PRIZE IN DRDO ROBOTICS EXPO

A 6 wheeled robot named 'AYUDHA' for soldier assistance and surveillance, developed by a team of students of MES College of Engineering, Kuttippuram won the first prize worth Rs 1,50,000 in the DRDO Robotics Expo titled DRUSE (DRDO Robotics and Unmanned Systems Exposition) held at Defence Institute of Advanced Technology, Pune on 24th and 25th May. The team consisted of Dibu K K, Fazila Salim, Suraj K, Faris T and Basith KV (EEE department). Dr Maya G, Associate Professor, EEE Dept. was the faculty guide for the project. 'AYUDHA' was fabricated in FABLAB, MESCE under the co-guidance of Shine K, Assistant Professor, ME department. One thousand and eighty eight teams across India competed in the expo. The expo was held as part of diamond jubilee celebrations of DRDO.



6 wheeled robot - 'AYUDHA'

MESCE CENTRE FOR INTERNATIONAL RELATIONS

MESCE Centre For International Relations conducted an initial discussion with Vice President, Asian Institute of Technology, Bangkok for academic collaboration and exchange. The meeting was held at Flora airport hotel, Kochi on 18th July.



Prof. POJ Lebba, Secretary, K K Aboobacker, Chairman, Dr K P Mohammed, Director, Dr Sasidharan Sreedharan, HOD, CSE, Sajeer Karattil, Faculty-in-Charge, MESCE Centre for International Relations along with Vice President, Asian Institute of Technology, Bangkok



MES COLLEGE OF ENGINEERING, KUTTIPPURAM

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Approved by AICTE, Affiliated to Kerala Technological University & Calicut University

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WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS

The IPR Cell of MESCE Innovation Centre jointly organised a workshop on 'Intellectual Property Rights' on 10th July at Main Seminar Hall along with Patent Information Centre, Kerala and KSCSTE. Prof. P. O. J. Lebba, Secretary delivered the inaugural address. Prof. C P Muhammad, Joint Secretary, Dr. K P Mohammed, Director, Dr.A.S.Varadarajan, Principal, Dr Mohammed Bedeuzzaman, Vice Principal and Vishnu V A, Project Fellow, PIC Kerala addressed the gathering. Padmakumar K, Assistant Professor, ME dept delivered the welcome speech and Edet Bijoy K, Assistant Professor, ECE dept proposed the vote of thanks.



Inaugural Address by Prof. P O J Lebba,
Secretary, MESCE



Dr A S Varadarajan,
Principal Distributing The Certificate To A Participant

The workshop included the following sessions.

1. 'IPR : A Tool to Product Invention and Creations'
Dr. Lawwellman, Assistant Professor, Govt. Law College, Kozhikode
 2. 'Patenting System in India and Patent Filing Procedures'
Vishnu V A, Project Fellow, PIC-Kerala
 3. 'Patent Searching Procedures and Support from PIC - Kerala for IPR Protection'
Adv. Febin James, Trademark Attorney & Partner, Legalites IP Services, Thrissur
- Around 100 participants attended the workshop including staff members, faculty members, school teachers and students. The coordinators of the event were Edet Bijoy K and Padmakumar K.



Sessions in The Workshop

ALVIDA 2018 - FAREWELL CEREMONY

Alvida - 2018, farewell ceremony for 2014 - 2018 B.Tech students was held at the college auditorium on 16th May. Padmakumar K, Assistant Professor, ME department was the coordinator of the programme.

MESCE TRAINING ACADEMY

MESCE Training Academy conducted various teachers training programmes at University of Calicut, MES Arts and Science College, Erumeli, Amal English School, Punnayoorkulam, MES Campus School, Kuttippuram, Ansar School, Perumpilavu and MES School, Kunnukara.

Dr V A Sonny, HOD, MBA dept, Dr Sasidharan Sreedharan, HOD, CSE dept, Viju P Poonthottam, Assistant Professor, CSE dept and Badharudheen P, Assistant Professor, IT dept were the resource persons.

Dr. V.A. Sonny, HOD, MBA Handling A Session in The FDP for Calicut University Teachers



Viju P Poonthottam, Asst. Professor, CSE Dept. and Badharudheen P, Asst. Professor, IT Dept. handling sessions on Linux Fundamentals at MES Arts and Science College, Erumeli

COMPUTER SCIENCE AND ENGINEERING (CSE)

Faculty Development Programmes Attended

Dr Anil K Jacob, Professor completed an 8 week NPTEL online course in “Wireless Ad Hoc and Sensor Networks” with elite certificate on 16th May.

Harikrishnan G R, Assistant Professor attended a workshop on “Business Planning Workshop for Nodal Officers” at Kerala Startup Mission, Technopark, Trivandrum on 31st May.

He also attended a workshop on “Skilling in Engineering colleges” at CETAA Hall, College of Engineering, Thiruvananthapuram organised by Additional Skill Acquisition Programme, Higher Education Dept, Govt of Kerala on 1st June.

Dr Sobin C. C, Associate Professor attended a FDP on “Student Induction Programme in AICTE Approved Institutions” organised by AICTE at Rajagiri Engineering college, Kochi from 8th to 10th June.

He also attended a FDP on “Medical Image Processing” at IIT Bombay from 23rd to 27th July.

Shajeesh K. U, Assistant Professor participated in the Train The Trainer Programme on “Full Stack Application Development” at Tata Consultancy Services, Kochi from 16th July to 21st July.

Faculty as Resource Person

Dr. Sasidharan Sreedharan, HOD delivered talks on “Power Quality Issues in Smart Grid” and “Grid Stability in Smart Grid” for a FDP on “Distributed Generation and Smart Grid” held at MESCE, Kuttippuram on 18th and 20th July respectively.

He also delivered a talk on “IT Enabled Teaching Learning” at Calicut University staff training programme held at University of Calicut on 25th July.

Faculty Activities

Dr. Sasidharan Sreedharan, HOD participated in ‘Future Kerala Educational Conclave’ in Hotel Crown Plaza, Cochin on 29th June.

ELECTRONICS AND COMMUNICATION ENGINEERING (ECE)

Student Development Programmes Attended

Thirteen students from S2 attended a course on “Embedded system” at Keltron, Thrissur on 6th and 7th June.

Paper Publications by Faculty

"Classification of Emotional States in Parkinson's Disease Patients Using Machine Learning Algorithms."

Rejith K N, Associate Professor and Kamalraj Subramaniam

Biomedical and Pharmacology Journal 11, no. 1 (2018): 333-341.

Faculty Development Programmes Attended

G Prashant, Assistant Professor successfully completed NPTEL online courses on “Introduction to Internet of Things” and “Embedded Systems” in May.

Faseela K.P and Sreediya.R, Assistant Professors successfully completed NPTEL online course on “Biomedical Signal Processing” in May.

Keerthi Vijay, Assistant Professor attended a FDP on “Analog and Mixed Signal Circuit for CMOS Intelligent Sensors” at NIT Calicut from 9th to 14th July.

Edet Bjoy K, Assistant Professor attended a FDP on “Machine Learning - Training of Trainers Programme” organised by Additional Skill Acquisition Programme at Mar Baselios College of Technology, Thiruvananthapuram from 16th to 21st July.

Staff Achievement

Manoj C K, Instructor successfully completed M.E Programme in Communication System on 30th July.

COMPUTER APPLICATIONS (MCA)

Student Development Programmes Organised

Haris Mohammed C P of S6 conducted a workshop on ‘Git & GitHub’ for students of S5 on 28th June.

Faculty Development Programmes Attended

Nowshad C.V and C M Sulaikha, Assistant Professors attended a FDP on ‘Data Analytic Tools’, conducted by department of MCA, Government Engineering College, Thrissur from 16th to 20th July. The FDP was sponsored by the Directorate of Technical Education, Kerala.

Faculty Achievement

Balachandran K P, Associate Professor, received the ‘Active Spoc Certificate’ from NPTEL, IIT Madras based on the performance and participation of candidates for January-April 2018 from MES NPTEL local chapter.



Workshop on ‘Git & GitHub’

INFORMATION TECHNOLOGY (IT)

Student Development Programmes Attended

Shafna Sherin, Saifunnisa P P, Sreeba P P attended an internship programme on “HTML and Web Designing” at Kinfra, Calicut from 18th July to 24 th July.

Faculty Development Programmes Attended

Swathy S, Assistant Professor attended a FDP in Discrete Computational Techniques at Vidya Academy of Science and Technology from 29th June to 2nd July.

Badharudheen P, Assistant Professor attended a training programme of K-DISC Full Stack Development at TCS, Kochi from 16th to 21st July.

Lino Abraham Varghese, Associate Professor attended a FDP on “Massive Storage and Massive Processing- An Introduction to Big Data Technologies and Quantum Computing” at TCS, Kochi on 20th July.

Faculty as Resource Person

Badharudheen P and Jiju T D, Assistant Professors handled classes for LET 2018 crash course at MESCE on 22nd May.

Lino Abraham Varghese, Associate Professor and Vrinda A, Archana Nair S, Neethu Prabhakaran , Jiju T D, Badharudheen P, Biju T, Assistant Professors handled counselling session in Career Focus 2018 conducted at Ansar English School, Perumpilavu on 9th June.

Lino Abraham Varghese, Associate Professor handled a session on “Cloud Computing for Smart Grid” in a short term course on “Distributed Generation and Smart Grid” organised by EEE department in association with IEEE Malabar section on 18th July.

He also served as a subject expert in the panel for the interview held at MES campus school on 26th July.

Faculty Activities

Shiju Kumar P S, Assistant Professor designed a logo for Make Things Lab.

MECHANICAL ENGINEERING (ME)

Student Achievement

Muhammed Janish U and his team won Gold Medal in the preliminaries of 3rd International Invention Innovation Competition in Canada, iCAN 2018 on 30th June. They also qualified for the Finals of the same event.

The final year project ‘Pneumatic Prosthetic Leg’ by Muhammed Janish U and his team won First Prize in the 13th National Innovation Challenge Programme ‘Tech Top 2018’ held at Kalasalingam Academy of Research and Education, Madurai on 15th July. The first prize carried a cash award of Rs 1 Lakh.

Faculty Activities

Dr.Rahumathunza, HOD was appointed as Faculty in charge of American Society of Mechanical Engineers (ASME) Student Chapter on 1st May. She also attended the meeting of PG Board of Studies on 3rd July at Calicut University.

Subrahmanian K, Assistant Professor was one of the coordinators of Career Focus-2018 held at Ansar English School, Perumpilavu on 9th June.



Students of ME dept. who won First Prize in Tech Top Innovation Challenge 2018

Shine K and Mohamed Jihad P M, Assistant Professors judged various events in INFINITY 2K18, Technical festival of Kelappaji College of Agricultural Engineering and Technology, Thavanoor held from 12th to 14th July.

Padmakumar K, Assistant Professor was an evaluator for shortlisting the final applications eligible for the July edition of 'IDEA DAY' organised by Kerala Startup Mission on 23rd July.

Staff Achievement

Mohamed Kutty, workshop superintendent was honoured for excellence in community service activities by IMA Ponnani Chapter in connection with Doctor's Day Celebration on 1st July.

Faculty Development Programmes Attended

John Paul, Assistant Professor successfully completed an online course in "Introduction to Thermodynamics: Transferring Energy from Here to There" offered by University of Michigan through Coursera on 28th June.



IMA Ponnani honouring Mohamed Kutty, Workshop superintendent for excellence in community service

MANAGEMENT SCIENCE (MBA)

Inauguration of First Year Classes

Shafi Parambil, MLA of Palakkad Constituency inaugurated the classes of 2018-2020 Batch on 11th July. Prof P O J Lebba, Secretary, MESCE delivered the presidential address. Dr.V.A. Sonny, HOD welcomed the gathering. Bobby Abraham Mathew, Vice President, HR, ESAF Bank delivered the keynote address. Deepak M, admission coordinator proposed vote of thanks.

Student Development Programmes Organised

Prof. Vijayachandran Pillai, MBA Department,



Inaugural address by Shafi Parambil, Palakkad MLA

University of Calicut conducted a career development class for T4 students on 19th June.

Harish Babu, soft skill trainer conducted a training session on "Psychosomatic Administration" to T1 students on 13th July.

Krishna kumar of Vertical Eye conducted an induction training programme for T1 students from 16th to 18th July.

Industrial Visit

T4 students went on an industrial visit to Kodaikanal on 27th July.



Dr. K.P. Jabir Moosa, Associate Professor at the Research Conclave on Business, Economics and Social Sciences held at SCMS School of Business, Cochin

TRAINING AND PLACEMENT (T&P)

Campus Recruitment

The department wise count of students recruited by various companies during this period is given below.

Focus Academy of Career Enhancement :- ECE - 2, AEI - 1

Cognizant Technology Solutions :- CSE - 1

Infosys :- CSE - 2

Cranes Software International Ltd :- EEE - 1

COMMUNITY SERVICE CENTRE

Shine K, Assistant Professor, ME department organised a workshop on “Digital Fabrication Technologies - FabLab” for Higher Secondary School Students and Teachers on 11th May.

Padmakumar K, Assistant Professor, ME department conducted an Induction Programme on “Make Things Lab” for Higher Secondary Students and Teachers on 11th May.

A team from Malayala Manorama visited the Make Things lab on 29th May. Malayala Manorama became the publicity partner for various activities of Community Service Centre including Make Things Lab from 31st May.

Students of Hilltop Public school, Maravanchery visited the Make Things lab and other laboratories of Mechanical Engineering Department on 31st July. Padmakumar K, Assistant Professor handled a session on Make Things Lab for them.



Students of Hilltop Public School, Maravanchery
Visiting the Make Things Lab of ME Dept.

APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING (AEI)

Industrial Visit

S4 and S6 students went on an industrial visit to FCRI, Kanjikode. Roshna J, Presi T P, Vijilesh Krishnan and Sunil Mooppil, Assistant Professors accompanied the students.

Faculty Achievement

Bobby Mathews C, Assistant Professor was awarded Ph.D from CUSAT for his thesis entitled “Design and Development of Optical Fiber Grating based Devices for the Determination of Cholesterol”.

Dr. Anzar S M, Associate Professor coordinated the Lateral Entry Test (LET 2018) coaching classes held from 12th May to 12th June. Faculty members of AEI department took classes.

Faculty Development Programmes Attended

Dr. Bobby Mathews, Associate Professor attended a FDP on “Student Induction Programme for AICTE Approved Institutions” at Rajagiri School of Engineering and Technology, Kakkanad.

ELECTRICAL AND ELECTRONICS ENGINEERING (EEE)

Faculty Activities

Dr. Maya G, Associate Professor attended the Executive Committee meeting of IEEE Kerala Section at MESCE on 14th July.

Faculty Development Programmes Organised

Dr. N Rajanbabu, HOD conducted a FDP on 'Introduction to Control Systems' for faculty members of EEE department.

The department organised a FDP on "Distributed Generation and Smart Grid" from 18th to 20th July. Dr N Rajanbabu, HOD was the convener of the programme. The coordinators were Dr. Maya G, Associate Professor, Jabeen Hamza and Nesihath M K, Assistant Professors.

Faculty Development Programmes Attended

Karthick V, Assistant Professor attended a workshop organised by EMC, ANERT at Trivandrum on 30th July.

KERALA STATE RENEWABLE ENERGY AWARD 2017

M E S College of Engineering, Kuttippuram won the Kerala State Renewable Energy Award 2017 for educational institutions. This award is in recognition to the institution's systematic and serious attempts for efficient utilization of renewable energy and research & promotion of renewable energy technologies. Dr. Nafeesa K, Professor and Anoop K, Assistant Professor (Both of EEE department) received Renewable Energy Award from M M Mani, Honourable Minister for Electricity in a programme arranged by ANERT at Kanakakunnu Palace, Trivandrum.

**Dr. Nafeesa K, Professor and Anoop K,
Assistant Professor, EEE Dept.
receiving The Renewable Energy Award from M M Mani,
Minister for Electricity**



SCHOOL OF ARCHITECTURE (ARCH)

Site Visit

Students of S5 went for a case study to Bangalore for understanding campus planning and design.

Faculty Deputed for Higher Studies

Jayasree T K, Assistant Professor is deputed for PhD Programme at NIT Trichy.

Editorial Board

Dr. K P Mohammed (Director), Dr. A S Varadarajan (Principal),
Vasudevan T V (Asst. Prof, MCA), Nithin V C (Asst. Prof, ME)
Mumtaz Thampi (Language Lab)