

## INAUGURATION OF MES INNOVATION CENTRE

MES College of Engineering, Kuttippuram has set up an innovation Centre to encourage students to create / innovate products and prototypes to further the "Make-In-India" initiative of the Govt. of India. The Innovation Centre was inaugurated by Sri E. T. Mohammed Basheer, M. P on 18th August. Dr.V.A Sonny, Principal, Dr.K.P. Mohammed, Director, Dr.C.P.Muhammed, Joint Secretary, MESCE, Dr.A.S.Varadarajan, Professor, ME, Dr.Sasidharan Sreedharan, HOD, CSE and Sajeer Karattil, Assistant Professor, CSE addressed the gathering.



Inaugural Address By  
Sri E T Muhammad Basheer, Hon. MP

## INAUGURATION OF WOMEN DEVELOPMENT CELL ACTIVITIES

Inaugural function of annual activities of Women Development Cell was conducted on 13th October at the college auditorium. Ms. Sunitha Nair, Principal, MES Campus School was the chief guest. Dr. V A Sonny, HOD, MBA Department presided over the function. Dr. Prasanna T K, Coordinator, Women Development Cell welcomed the gathering and Anjana S M, student of S5 CE proposed vote of thanks. Students from all departments participated. A Debate on the topic 'Role Of Women In Their Own Suppressed State In Indian Society' was held. Fadhil Basheer and Nelisha, students of CSE won first prize which carried a cash award of Rs 2000 along with a certificate.



Ms. Sunitha Nair, Principal, MES Campus School Delivering The Inaugural Address



**MES COLLEGE OF ENGINEERING, KUTTIIPPURAM**

Thrikkanapuram P.O., Malappuram Dt., Kerala - 679 573

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

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Mohammed Shaad and Mohammed Jasim, students of S5 AEI won the second prize. The moderators were Sakeer Hussain and Jothilakshmy, Faculty of MES campus school.

Two short films under the banner 'Acceptability Of Women Entrepreneurs' made by MCA and AEI students were screened. A cash prize of Rs. 1500/ was awarded to them.

## TEACHING EXCELLENCE AWARD

Faculty members who have produced excellent results in the academic year 2016-2017 were honoured in a function held on 27th September. Prof. P O J Lebba, Secretary, MESCE handed over the certificates of appreciation to the faculty members. Dr V A Sonny, Principal and Dr K P Mohammed, Director attended the function.

## APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING (AEI)

### Student Development Programmes Organised

The department organised interactive sessions for AEI students with Alumni in August and September. The alumni participants were Mohammed Fameeb, Product Manager, XYLEM Manufacturing, Fawaz Nottan Veedan, SNR. Instrumentation Engineer, SNC Lavalin, Al Khobar, KSA, Mohammed Ashraf, Divisional manager, Experts E&I, Abu Dhabi, UAE, Fawas Kamaruddeen, Field Service Engineer, Honeywell, Abu Dhabi, UAE and Jasim T P, Vortex Automation, Cochin.

The topics of interaction included "The Relevance Of Basic Engineering In Real Time Applications And Importance Of Enhancing Problem Solving Skills", " Opportunities Of An Instrumentation Engineer" and " The Relevance Of Instrumentation In Robotics And Automation".

### Industrial Visit

S7 students went on an industrial visit to Malabar Cements Pvt.Ltd., Walayar, Palakkad on 27th September. Manazhy Rashmi, Nabeel Ahammad O K, Assistant Professors and Sunil Kumar M, Instructor accompanied the students.

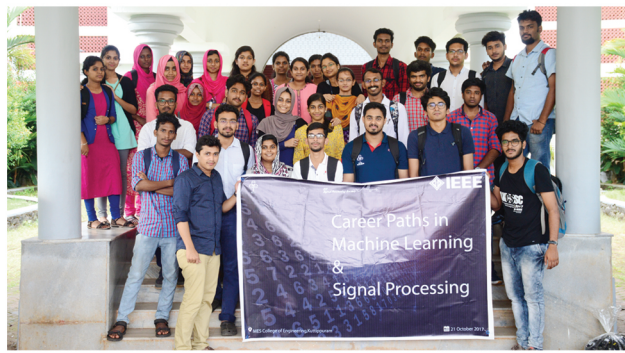
## ELECTRONICS AND COMMUNICATION ENGINEERING (ECE)

### Student Development Programmes Organised

The department organised a student development programme on "Career Paths in Machine Learning and Signal Processing" in association with IEEE Signal Processing Society (SPS) Student Branch Chapter MESCE and IEEE SPS Kerala Chapter on 21st October. The resource persons were Musfir Muhammed, Data Scientist and Mohammed Noushad, Data Analyst at Attinad Software, Technopark, Trivandrum (Both are alumni of this department). Edet Bjoy K, Asst Professor was the coordinator of the event.



Inaugural Address by Dr A S Varadarajan, Principal



Participants of The Student Development Programme

A student development programme on "Android Development using MIT App Inventor" was organised for the students of S5, S7 B.Tech and M.Tech at Simulation Lab on 14th October. T P M Abdulkareem of S7 ECE-B was the resource person.

A webinar on VLSI offered by Maven Silicon was organised for S7 students at Simulation lab on 11th October. Sreedhiya, Asst Professor was the coordinator of the programme.

### Student Achievements

Rameesha Sherin of S3 ECE-B Batch organised "Idea Pitching Competition" in association with IEDC MESCE and CREE on 11th October.



### Students Development Programmes Attended

M.Tech students attended a workshop on “FAB LAB: Digital Fabrication Technologies” organised by FABLAB MESCE on 24th and 25th August.

Navas,Waseem,Shafeena and Shabeeba, students of S7 ECE-B Batch underwent Internship at Gen Robotics, Trivandrum from 12th September to 22nd September.

T P M Abdulkareem of S7 ECE-B Batch participated in “TECHATHON” conducted as part of Excel 2017 at Govt.Model Engineering College, Kochi on 1st and 2nd October.

T P M Abdulkareem of S7 ECE-B Batch and Parvathi P of S3 ECE-B Batch participated in the “Entrepreneurship Awareness Bootcamp” organised by IEDC MESCE in association with KSUM and KSIDC at MESCE on 5th October.

Gopika K V, Akshaya Raj, Princy O.K participated in “ROBOTECH” as part of Tathva’17 conducted by National Institute of Technology,Calicut from 13th to 15th October.

### Faculty Activities

Dr. Gopakumar A, HOD attended the Executive meeting of IEEE Malabar subsection at NIT, Calicut on 15th August.

Dr. Gopakumar A, HOD and Edet Bijoy K, Asst Professor attended the Executive meeting of IEEE Kerala Section at Pagoda Resort, Alappuzha on 17th September.

Dr. Gopakumar A, HOD and Edet Bjoy K,Asst Professor attended the Executive meeting of IEEE Malabar Subsection at NIT Calicut on 28th October.

### Faculty Development Programmes Attended

Nasarathul Nisha P.K, Sreedhiya R, Adhin Sali M, Asst professors and Manoj C, Instructor attended a workshop on “FAB LAB: Digital Fabrication Technologies” organised by FABLAB MESCE on 24th and 25th August.

## INFORMATION TECHNOLOGY (IT)

### Student Achievements

Aneesha V K, Wafa Muhammed Ali and Deepika Chandran of S7 were selected for the internship programme at FantaCode solutions LLP.

### Student Development Programmes Conducted

Sobin C C, Asst Professor organised a two day workshop on Internet Of Things and M2M for the students of S5, S7 and staff.

### Student Development Programmes Attended

Midhun T P and Sreejith T of S7 attended a QIP at IIT Kanpur on the topic “Introduction to Robotics” from 4th September to 8th September.

Midhun T P of S7 attended an internship programme on “Gen Robotics” at Technopark, Trivandrum from 11th September to 22nd September.



Inaugural Function of the Workshop on ‘Internet of Things and M2M’

## CIVIL ENGINEERING (CE)

### National Seminar on Disaster Management

The department organised a National Seminar on Disaster Management ‘NSDM 2017’ from 21st to 26th August. Prof. P.O.J. Lebba, General Secretary, MES inaugurated the seminar. The seminar included the following presentations.

1. ‘Aspect of Disaster Management’ by Dr.Santhosh Kumar, Assistant Director, CM Division, KERI, Peechi Trauma.
2. ‘Community Level Planning For Management Of Drought, Floods, Earthquakes and Epidemics’ by Bibhuti Bhusan Gadnayak, State Disaster Risk Reduction Coordinator at UNICEF, Orissa.
3. ‘Role of Geomatics in Disaster Management’ by Dr. Girish Gopinath, Senior Scientist, Geomatics Division, CWRDM, Calicut.
4. ‘Non Conventional Bridges’ by Dr.Vijayan. P, Principal, GEC Idukki.
5. ‘Growth Of Engineering and Technology in Disaster Management’ by Dr. C.K. Raju, Professor in Dept. of Computer Science, Jyothi Engineering College, Cheruthuruthy.



### Student Associations Activities

Dr. Varadarajan, Dean Academics delivered a talk on “Role of Engineers in Developing India” on Engineers’ day in the department.

An awareness programme on disaster management was conducted in the department as part of ‘International Day for Disaster Reduction’ on 13th October. Faculty and M. Tech students presented seminars.

### Student Development Programmes Attended

Joe Maria, Chithra U, Athira I, Amrutha Das and Sindhu, students of S1 M.Tech participated in the All India Seminar on “Architectural Technologies for Building Engineers” at Department of Architecture, NIT, Calicut on 14th and 15th October.

## COMPUTER APPLICATIONS (MCA)

### Student Development Programmes Conducted

The Computer Applications Students Association (CASA) conducted a seminar for MCA students on the Topic “Into the Programming” on 29th August. Muhammed Suhail of S4 was the resource person.



Seminar by Muhammed Suhail of S4 MCA



Inaugural Address by Hyderali K, HOD MCA

### Faculty Development Programmes Attended

Nowshad C V, Assistant Professor attended a FDP on Internet Of Things, Machine learning and Deep learning on 23rd October at TCS, Thiruvananthapuram.

## COMPUTER SCIENCE AND ENGINEERING (CSE)

### Student Achievements

Sahal V of S1 secured 1st prize in SB level Quiz competition conducted by IEEE PES SBC, MESCE on 3rd October.

Nazal, Fayis and Shakeel of S7 and Sai Pranav of S5 won First prize in "Hack for India Contest" held at Calicut on 22nd October.

### Student Development Programmes Organised

The Department of CSE organised an invited talk on Cloud Computing by Lino Abraham Varghese, HOD, Dept. of IT for S1 M.Tech students on 4th August.

Dr.Varadarajan A S, Professor, ME department delivered a talk on “Collaborative Learning” for S3 students on 22nd August. He also delivered a lecture on “Getting an Edge Over Competitors” for S3 Students on 22nd September.

### Faculty Development Programmes Attended

Shajeesh K U, Assistant Professor attended the NSS training camp at Empanelled Training Institute, Kalamassery, Cochin on 3rd August.

Harikrishnan, Assistant Professor attended the FDP on “Mini Fablab And The Way Forward” organised by Kerala Startup Mission at Xavier Institute of Management, Kalamassery on 16th September.

### Faculty As Resource Person

Dr. Sasidharan Sreedharan, HOD handled a session in the workshop on “Grid Modelling and Analysis Using PSAT” at Amrita University on 6th August. He also handled a session on “Energy Management for Disaster Management” in the National Seminar on Disaster Management at MES College of Engineering, Kuttippuram on 13th August.



### Faculty Development Programmes Organised

The Department of CSE organised a collaborative lecture by Dr. K P Soman, Director, Centre of Computational Intelligence and Networking, Amrita University, Coimbatore at MESCE on 4th August.

### Faculty Achievements

Prof. Anil Jacob received his Doctoral Degree from NIT Calicut on 23rd September.

Dr. Govindaraj E, Associate Professor was selected as External Auditor for the KTU Auditors Panel on 16th September.

### Paper Publications By Faculty

**"A Green Media Access Method for IEEE 802.15.6 Wireless Body Area Network "**

Prof. Anil K Jacob

Journal of Medical Systems, Springer publications, September 2017 ( Impact Factor 2.45 )

**"An Energy Efficient Self Arranged Hierarchical Based Energy Balanced Routing Protocol in Wireless Sensor Networks"**

Asha G, Assistant Professor

Journal of Advanced Research in Dynamical and Control Systems

15th special issue ISSN 1943-023X October 2017(Scopus Indexed).

## MECHANICAL ENGINEERING (ME)

### Student Achievements

Ashbin Ashraf, Abhijith A, Anurudh G and Sarath Kumar T S of S7 successfully completed the phase 1 of R&D training programme held from 12th to 22nd September as part of the project 'Bandicoot' held at Gen Robotics Research Lab, Techno Park, Trivandrum.

A project entitled "Two Mode Hydraulic Prosthetic Leg For Above Knee Amputees" was selected to the final round of "Yuva Mastermind Season 8" on 27th September. The project team included Muhammed Janish U, Abhijith A, Anurudh G and Arunkumar A P of S7 ME. The project is guided by Padmakumar K and Arun S, Assistant Professors.

Aquib Jaleel Mooppan M A of S5 ME completed a 4 week course on 'Begin Robotics' conducted by University of Reading in October.

Mohammed Janish U and Abhijith A of S7 secured first position in the 'Best Idea Award' held as part of Tathva 17 conducted by NIT Calicut from 13th to 15th October.

Mohammed Janish U of S7 ME secured first position in 'Idea Pitch' held as part of COGNITO 2K17, organised by Royal College of engineering, Akkikavu from 25th to 27th October.

### Student Development Programmes Organised

Dr. A.S. Varadarajan, Professor presented a seminar on "Design of Experiments" for S1 M.Tech students on 1st August. He also delivered a talk on "Effective Learning Techniques" for S1 B.Tech students on 10th August.

### Student Association Activities

Mechanical Engineering Association (MEA) organised a programme called 'One Million Goal' as part of the Under 17 FIFA world cup campaign on 6th October.



Sri. K K Aboobacker, Chairman, MESCE after inaugurating FDP on "Digital Fabrication Technologies".

Dr. C P Muhammad, Joint Secretary, MESCE

Dr. K P Mohammed, Director; Dr. V A Sonny, Principal,

Dr. Rahumathunza I, HOD ME are also seen.



Shine K Assistant Professor, ME  
Briefing About Various Facilities In Fablab



### Faculty Development Programmes Organised

The department organised a FDP on “Digital Fabrication Technologies” from 19th July to 21st July. Sri K K Aboobacker, Chairman, MESCE inaugurated the Programme. Dr. A.S. Varadarajan, Professor, ME handled a session in the programme. Shine K, Assistant Professor was the coordinator of the programme.

**Dr. A S Varadarajan, Professor, ME Handling  
A Session During FDP On “Digital Fabrication Technologies”**



### Faculty Activities

Dr. Rahumathunza I, HOD attended a Brainstorming Session at Gender Park, Calicut on 31st August.

Dr. AS Varadarajan, Professor delivered a lecture on “Getting An Edge Over Competitors” for students of S3 and S5 ME and S5 EEE on 13th and 22nd September respectively.

Shine K, Assistant Professor attended the IEDC FABLAB meeting at Kochi on 16th September. He also coordinated the FabLab training programme for final year ME students held at MESCE from 9th to 20th October.

### Faculty as Resource Person

Dr. AS Varadarajan, Professor presented an expert lecture on ‘Science of Measurement’ at FCRI, Kanjikode, Palakkad on 14th September.

Shine K, Assistant Professor was the resource person in the Workshop on Product Design and Development organised by IEDC, MESCE in association with Department of Mechanical Engineering on 21st and 22nd October.

### Faculty Development Programmes Attended

Shine K, Assistant Professor attended the FabLab Hands-on Training Programme organised by KSUM in association with RSET Sunya FabLab held at Rajagiri School of Engineering and Technology, Kakkanad from 23rd to 26th October.

## ELECTRICAL AND ELECTRONICS ENGINEERING (EEE)

### Student Achievements

Sooraj K and Yadhu Krishnan J of S7 secured First Prize for their project “Tablets for Blind” in the Project Presentation Competition for “Engineering Innovators Meet - 2017” at IRTC campus, Mundoor, Palakkad. The meet was organised by IEEE Malabar Subsection and IRTC Mundur, EMC Agency for Non Conventional Energy. They received a cash award of Rs 10000.

### Student Activities

Dibu K.K of S7 attended the Project Presentation Competition “World Space Week-2017” at VSSC, Thiruvananthapuram on 26th August.

10 students of S7 attended the Energy Audit Training Programme at GEC, Thrissur organised by Energy Conservation Society on 25th September.

### Student Development Programmes Organised

Dr. A.S. Varadarajan, Professor, ME delivered seminars on “Science of Lubrication” and “Identifying Keywords” for S1 B.Tech students on 8th August and 4th October respectively.

Dr. Abraham T Mathew, Professor, Department of EEE, NIT Calicut delivered a Technical talk on “Modelling Electrodynamical System”, for S3 M.Tech Students on 22nd October.

### Alumni Activities

The department organised technical talks by alumni for EEE students in August and October.

Mohammed Fameeb, Product Manager, Utilities & Infrastructure, XYLEM, MENA Region, Dubai, Fawas, Electrical Inspector, Dubai and Shanid Pazhamkavil, Assistant Engineer, Dubai Electrical & Water Authority were the alumni participants. The topics of interaction included “A Professional Approach in Engineering” and “An Overview of Electrical Engineering and its Scope in Industries”.

### Faculty Activities

WIE IEEE Students Branch, MESCE conducted a computer awareness programme for members of Kudumbasree Unit, Thrikkannapuram, under the guidance of Dr. Maya G, Associate Professor on 25th October.

### Faculty Development Programmes Attended

Anoop, Assistant Professor participated in a Workshop on “Renewable Energy” conducted by ANERT at Trivandrum on 17th August.

Jaseem N, Assistant Professor participated in a Workshop on “Training for KSEB Engineers in Solar Energy” at Trivandrum on 27th October.



# MANAGEMENT SCIENCE (MBA)

## Passing Out Ceremony of 2015-17 Batch

MESMERIT, the passing out ceremony of 2015-17 batch was held on 23rd September. Dr.T.P.Sethumadhavan, Director, UL Cyber Park inaugurated the function. Christo George, MD, Hykon Pvt LTD, Thrissur delivered the keynote address. Dr. K P Mohammed, Director presided over the function. Dr. V A Sonny, Principal welcomed the gathering.



Prof. P O J Lebba, Secretary, MESCE Releasing The Journal on "Business Innovations and Management Practices"



Inaugural Address by Dr.T P Sethumadhavan, Director, UL Cyber Park

## Release of Journal

Special issue of "MES Journal of Technology and Management" on "Business Innovations and Management Practices" was released in September.

## Students Development Programmes Organised

Harish Babu, Soft Skill Trainer handled a session on "Psychosomatic Administration" to T1 MBA students. Mr Babu and Mr & Mrs Krishnakumar conducted a training programme for T1 MBA students on 22nd and 23rd August.

## Faculty Achievements

Dr. V A Sonny, HOD along with his research students published 5 research articles in the department journal "Business Innovation and Management Practices" Volume 6, No.1 September 2017.

Sujitha Sundaran C, Assistant Professor presented a paper in the National Conference on Research and Innovation in Commerce and Management conducted by CMD Trivandrum, on 19th August.

## Paper Publications By Faculty

'Customers Awareness and Perception towards CSR initiatives'

Sujitha Sundaran C, Assistant Professor

Journal of IMDR

## Faculty Activities

Dr.K.P.Jabir Moosa, Associate Professor conducted a seminar

on "Options and Futures Contract - Gold as an Investment" during the silver jubilee customer meet of Panchami Gold, Changaramkulam on 15th August.

Dr. Bindu Anto, Associate Professor was one of the judges of the Best Manager Competition organised by John Mathai Centre, University of Calicut.

# SCHOOL OF ARCHITECTURE

## Orientation Programme

Orientation Programme for First Semester M Arch students in Sustainable Architecture was conducted on 13th September.



### Student Association Activities

Ar. Fahad A Majeed, Principal Architect, Fahed Associates, Kochi presented his work as part of student association activities. Current year thesis topper Meera Devi presented her thesis.

Ar. Fahad A Majeed, Principal Architect, Fahed Associates,  
Kochi Lighting The Lamp As Part Of Inauguration Of SSA  
For The Academic Year 2017 -18



### Student Achievements

Works of students from School of Architecture were displayed in the Cera – Vanitha Veedu exhibition held in Trichur. Nandu.K, Shehls Shirin and Akhila T Joy won second prize for Wall Painting Competition on the theme ‘Building Dialogues’. Arjun Raj K I, Aswathy Krishnan, and Achu Peter won the third prize. Harish V Manoj, Nandu K, Aysha Hakeem, Nada Subair and Shehla Shirin won first prize in Model Making Competition on the topic ‘Solids and Voids versus Light and Shade.’ Aysha Hakeem and Prinil Kumar A P won first prize in debate on the topic ‘If a building is about to die, would you let it die or not?’

Office bearers of NASA at School of Architecture attended the ZONASA held at SRM College of Engg, Ramavaram, Chennai.

### Site Visits

S9 students went on an all India Tour to Agra, Delhi, Jaipur, Jaisalmer and Ahmedabad. They were accompanied by Deepa P, Associate Professor and Tino Mary Thomas, Assistant Professor. Students of S1, S3, S5 and S9 visited the “Uru’ building site at Beypore, Calicut. Deepa P, Associate Professor, Jayasree T K, Tino Mary Thomas, Aleena Basheer, Merin M L, Assistant Professors and Mujeeb, System Administrator accompanied the students. Students of S1 M Arch went on a site visit to Centre for Harmonious Living, Kumbidi.

### Faculty Activities

Dr. Prasanna T K, Director, School of Architecture attended the board of studies meeting of University of Calicut held at GEC, Trichur to present revised regulations and curriculum of M.Arch in Advanced Architecture and Sustainable Architecture. She also attended the combined Board of studies and faculty meeting at CUSAT, Kalamassery and the meeting for deciding the equivalence of supervisors/ licensed engineers at STTR, Kalamassery.

### Faculty Development Programmes Attended

Sreejith U, Assistant Professor attended a one week workshop on Arches, Vaults and Domes at Auroville, Pondicherry.

## TRAINING AND PLACEMENT (T&P)

### Internship Programmes

FantaCode Solutions and Gen Robotic Innovations Pvt.Ltd, Technopark, Thiruvananthapuram selected final year and pre final year students to provide internship programmes.

### Placement Training Programmes Conducted

T&P Cell conducted placement training programmes for final year B Tech and MCA students in August, September and October.

### Placement Orientation Programme

An interactive session on “ Oil and Gas Industry - Overview and Opportunities “ was conducted for final year B.Tech students on 11th October.

## SPORTS AND GAMES

### Cricket

MESCE cricket team won Runners Up Trophy in a Cricket tournament held at Royal college of engineering, Akkikavu from 25th to 28th October.

### Tennis

Sarath Kumar T S of S7 ME secured second place in Men’s Singles Tennis tournament held at KKTU College, Kodungallur, from 16 th to 17 th October.

### Editorial Board

Dr. K P Mohammed (Director), Dr. A S Varadarajan (Principal),  
Vasudevan T V (Asst. Prof, MCA), Divya Mohanan (Asst. Prof, CE),  
Nithin V C (Asst. Prof, ME), Mumtaz Thampi (Language Lab),  
Shibu N G (Asst. Prof, Science & Humanities)