

UNIVERSITY RANKS - B.TECH 2012 - 2016

1st Rank (ECE)



Nafilah Abdul Latheef

2nd Rank (AEI)



Nithya Ramanath M

3rd Rank (CE)



Surya Raghunath

ECE :- 1st Rank - Nafilah Abdul Latheef, 10th Rank - Neethu A P, 29th Rank - Akhil Das O P, 31st Rank - Shiha Mohan, 53rd Rank - Krishna M

AEI :- 2nd Rank - Nithya Ramanath M, 6th Rank - Sreevidya C

CE :- 3rd Rank - Surya Raghunath, 46th Rank - Afsana K

ME :- 9th Rank - Vimal Govind M K, 16th Rank - Jaleesh P, 20th Rank - Arjun M, 27th Rank - Suhail P

CSE :- 11th Rank - Anil Narayanan K, 16th Rank - Athira N K, 20th rank - Suhra Farzeena, 22nd Rank - Silpa A S, 30th Rank - Nashwa Nazir, 46th Rank - Sreelakshmi J

EEE :- 28th Rank - Hafeefa P, 40th Rank - Shahanas M N

MESTECH 2018 - NATIONAL TECHNICAL FESTIVAL

MESTECH 2018, The national level technical festival of engineering departments was conducted from 16th to 18th March. Prof. Kadavanad Mohammed, Sr. Joint Secretary, MESCE inaugurated the programme on 16th March. Dr. A.S Varadarajan, Principal delivered the presidential address. Dr. C.P Muhammad, Joint Secretary, Dr. K P Mohammed, Director, Abdul Rasheed, Retired DYSP, Abdul Latheef, Palakkad District Secretary, MESCE and Dr. Muhammed Bedeuzzaman, Vice Principal gave felicitations.



MES COLLEGE OF ENGINEERING, KUTTIPPURAM

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

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

Visit us at : [http:// www.mesce.ac.in](http://www.mesce.ac.in)

Mohammed Sabith P, Student Coordinator welcomed the gathering and Ijas Ahammed , Chairman, proposed the vote of thanks. Joint Secretary honoured Nikhil and Sreejith Babu, members of Gen Robotics, who invented Bandicoot, the manhole cleaning Robot. The Principal distributed the prizes for the winners of several competitions conducted as part of Pre-MESTECH.

Around 15000 viewers from various streams of society visited the expos and participated in different competitions and games. A Music hungama by the Bollywood band group LAGORI and DJ performance by the Italian DJ Girl Olly Essay was organised on 17th March. Around 200 events were conducted as part of the fest.

Padmakumar K, Assistant Professor, ME dept. was the Convener of MESTECH 18.

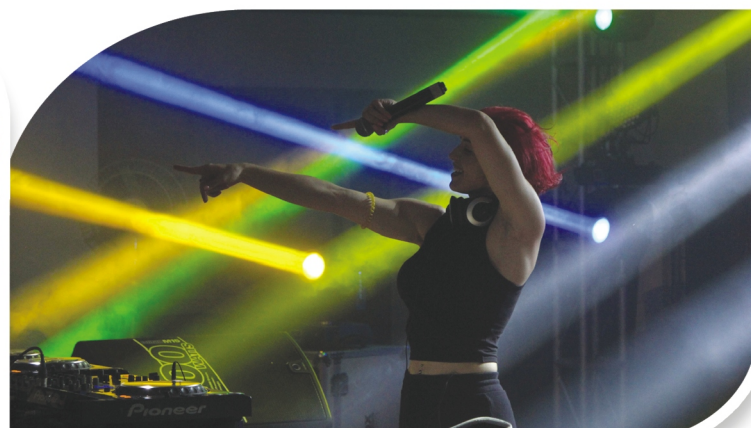


Prof. Kadavanad Mohammed, Sr. Joint Secretary, MESCE honouring the team members of Gen Robotics



Dr. C.P. Muhammad, Joint Secretary, MESCE distributing the prize to Shahal Abdul Salam of S8 ME, winner of spot photography contest

MESTECH'18 EVENTS



WOMEN DEVELOPMENT CELL

Women Development Cell organised an expert lecture on 'Sections of Law Useful for Women' by Advocate Diny Lakshman P, Public Prosecutor, District Court, Trichur as part of International Women's Day on 8th March. Dr. Mohammed Bedeuzzaman, Vice Principal presided over the function.

A photo collage competition was also held on the topic 'She-roles'. Shehla Shirin, student of Architecture department won first prize which carried a certificate and cash of Rs. 1000/-. Shaaz of S6 AEI won the second prize.

A workshop on hands on experience in fundamental mechanical works on four wheels was held on 9th March.

EXCELLENCIA -18 NATIONAL LEVEL TECHNICAL FEST

Excellencia-18, The National Level Technical Fest by Computer Applications Students Association (CASA) was held on 20th and 21st February. Smt. P K Sreemathy, MP, Kannur inaugurated the event. Prof. P.O.J Lebba, Secretary, MESCE delivered the presidential address. Prof. Hyderali K, HOD, MCA welcomed the gathering. Dr KP Mohammed, Director, Dr. Mohammed Bedeuzzaman, Vice Principal and Nowshad CV, Staff Coordinator gave felicitations. Pushkin CM, CASA Secretary proposed the vote of thanks. The closing ceremony of the fest was conducted on 21st February.

Students from different colleges participated in various events like Coding, Hacking, Web Designing, Hackathon, IT quiz, Digital Poster Designing, Google Search, Treasure Hunt, Online Photography and Gaming.

A digital magazine, "Unlock" prepared by the students of S5 MCA was released by Prof. P.O.J Lebba, Secretary, MESCE during the inaugural function.



Inaugural address by Smt. P K Sreemathy, MP, Kannur

NATIONAL CONFERENCE ON FRONTIERS IN COMPUTING (NCFIC-18)

The department of MCA organised a National Conference on 'Frontiers in Computing' on 21st February. Delegates and Research Scholars from various institutions in South India presented papers in the conference. The paper given below won first prize in the conference.

'I-Farm - IOT based Friendly Agriculture Remote Monitoring and Control'

Amal S Chalissery, Abhay Kumar P A, Evans V and Emil Thomas

Sahrdaya College of Engineering and Technology, Kodakara

MESCE TEACHERS TRAINING ACADEMY

Teachers Training Academy of MES College of Engineering conducted faculty development programmes at different colleges under Muslim Educational Society in March and April. The FDPs conducted were ICT Enabled Teaching Learning at MES College, Erattupetta and MES College, Erumely and Modern Trends and Techniques in Teaching Learning at MES T O Abdulla Memorial College, Kunnukara, MES Arts and Science college, Edathala and MES Arts and Science college, Marampally. Dr V A Sonny, HOD, MBA and Dr Sasidharan Sreedharan, HOD, CSE were the resource persons.



Inaugural address by Prof. P O J Lebba, Secretary, MESCE at MES T O Abdulla Memorial College, Kunnukara



Dr. V.A. Sonny, HOD, MBA interacting with faculty members in the FDP held at MES T O Abdulla Memorial College, Kunnukara

MATHEMATICS (MATHS)

Faculty as Resource Person

Mansoor P, Asst.Professor, delivered lectures on Mathematics at EMMRC, University of Calicut for DTH Swayamprabha Channel-8 of MHRD India.

Faculty Development Programmes Attended

Shameer M, Asst.Professor, successfully completed an online course in 'Calculus for Economics, Commerce and Management'.

NATIONAL SCIENCE DAY CELEBRATIONS

As part of National Science Day, a seminar on “Technology for Sustainable Future” was organised at the college auditorium on 28th February jointly by ME department and KSCSTE. Dr. C P Muhammed, Joint-Secretary inaugurated the seminar. Dr. Dhanya R, Asst. Professor, Dept. of Environmental Studies, Malayalam University, handled a session on “Sustainability in Infrastructure Development and Green Town Planning- An Environment Friendly Perspective”. Dr. Biju Louis, HOD, ME, Royal College of Engg. handled a session on “Science & Technology for Sustainable Future”. Deepa G. Asst. Professor in Science and Humanities secured First prize and Praveen G, Instructor, ME won second prize in Essay writing for staff conducted in connection with National Science Day. Mohammed Fasil VP of S6 ME won second prize in Elocution competition.

The Dept. Of Science and Humanities organised a quiz competition for first year students. Rajkumar P.R, Assistant Professor was the coordinator of the programme.



Talk by Dr. Dhanya R, AP, Dept. of Environmental Studies, Malayalam University



Deepa G, AP in Science and Humanities
Receiving the First Prize in Essay Writing Competition
From Dr A S Varadarajan, Principal

APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING (AEI)

Industrial Visits

S6 students accompanied by Vijilesh K, Shahnaz K V and Midhun, Faculty Members visited ISRO, Bangalore on 9th February. S4 students accompanied by Rahul K and Roshna J, Faculty Members visited IISc, Bangalore on 10th March. S8 students accompanied by Nabeel Ahammed OK, Sabitha and Khubaib, Faculty Members visited Gangtok, Darjeeling and Kolkata from 2nd to 12th March.

Student Development Programmes Organised

The Department association conducted a Quiz Competition anchored by Dr. Mohamed Bedeuzzaman, HOD at department seminar hall on 26th February.

Prof. Saidalavi V P, Civil Service Exam Trainer and HOD, History Department, MES Ponnani College conducted a civil service orientation programme for students on 28th February. Dr. A.S Varadarajan, Principal inaugurated the programme. Vineeth U C, Cine star and alumni of the department inaugurated ‘Kalakshethra’ in connection with ‘MESTECH 18’ on 17th March.

Faculty Activities

Dr. Mohamed Bedeuzzaman, HOD delivered a talk on ‘Research in Academic Institutions’ in the FDP on ‘Teaching and Learning Skill Development’ hosted by MESCE Training Academy on 15th February at MESCE.

He also delivered an expert talk on ‘Signal Processing for Biomedical Application’ at EEE department on 20th February. He also handled a session on Higher Education Opportunities: Engineering and Research, at ‘Education Outreach Programme’ conducted by IEEE MSS at AKNM Govt. Polytechnic College, Tirurangadi on 7th March.

Bobby Mathews, Assistant Professor participated in the ‘National Photonics Symposium (NPS) 2018’ organised by International School of Photonics’ at CUSAT from 27th February to 1st March.

Staff Activities

Hamza K P, Instructor and Mujeeb Rahman K B, Trade Instructor were instrumental in fully restoring 20 machines as part of maintenance in Preclinical Phantom Head Lab, MES Dental College on 7th and 8th March.

MANAGEMENT SCIENCE (MBA)

Faculty Activities

Isaac George, Assistant Professor successfully completed his PhD open defence at Bharathiar University, Coimbatore.

PhD open defence of Isaac George, Assistant Professor



Student Achievements

The project titled "Drawer Compacted Water Filter" by Batool Abdul Azeez, Asmuneesa Aikyapadath, Shabnam C M, Shabeem Haneef and Muhammed Jinas of S8 guided by Mohammed Suhail T, Asst. Professor was approved for TEKON 2018 under the innovative scheme of KSCSTE with a financial grant of 25,000/-.

Athira I of S2 M.Tech presented a poster titled "Building Integrated Photovoltaics" in KETCON '18 jointly organised by APJ Abdul Kalam Kerala Technological University and KSCSTE, at Sahrudaya College of Engineering and Technology, Kodakara from 23rd to 25th February.

Student Development Programmes Organised

A workshop on '3D Printing' was conducted by CAD Centre, Calicut and Edappal on 7th March.

Student Development Programmes Attended

M.Tech students participated in a training programme on "Fire and Safety" at MESCE on 6th February.

Educational Tour

S4 students went on an educational tour from 24th February to 26th February.

S8 students went on an educational tour from 24th February to 3rd March.

S6 students went on an educational tour from 23rd March to 26th March.

Paper Publications

"Economic Impact of Traffic Congestion- Estimation and Challenges"

Muneera C P, Assistant Professor and Krishnamurthy Karuppanagounder *European Transport / Trasporti Europei* (2018) Issue 68

"Critical Gap Estimation at Two-Way Stop-Controlled Intersections Based on Occupancy Time Data"

Mohan M, Assistant Professor and Chandra S *Transportmetrica A: Transportation Science* (2018)
DOI: <https://doi.org/10.1080/23249935.2017.1385657>.
SCI Indexed. Impact Factor: 2.033.

"Occupancy Time-Based Passenger Car Equivalents at Unsignalised Intersections in India"

Mohan M, Assistant Professor and Chandra S *Current Science* (2018), 114(6), 1346-1352.

DOI: <https://doi.org/10.18520/cs/v114/i06/1346-1352>.
SCI Indexed. Impact Factor: 0.843.

"Three Methods of PCU Estimation at Unsignalised Intersections"

Mohan M, Assistant Professor and Chandra S *Transportation Letters:International Journal of Transportation Research*(2018), 10(2), 68-74.

DOI: 10.1080/19427867.2016.1190883.
SCI Indexed. Impact Factor: 0.706. Citations: 1.

Paper Presentations

"Internet of Things in Construction Management"

Amrutha D of S2 M.Tech, Shajil N, Associate Professor

"Construction Contractor Selection Criteria Weight Assessment using Fuzzy AHP Extend Analysis"

Safna K A of S4 M.Tech, Babu S N, Assistant Professor
"Automated Construction-Safety Monitoring Using GPS"

Rijul R of S4 M.Tech, Shajil N, Associate Professor
(All at KETCON, State Level Technical Conference of APJ Abdul Kalam Technological University, Kerala during 23 - 25 February)

Faculty Development Programmes Attended

Vidhya Kanakaraj, Asst. Professor, successfully completed the NPTEL - MOOC in "Enhancing Soft Skill and Personality".

Remya M S and Humaida Alhadi, Assistant Professors successfully completed the NPTEL - MOOC in 'Effective Engineering Teaching in Practice'.

Babu S, Asst. Professor, successfully completed the NPTEL - MOOC in "Project Management".

Divya Mohanan and Babu S, Asst.Professors attended a FDP on "Multivariate Data Analysis" organised by GEC, Thrissur from 19th to 23rd February.

INFORMATION TECHNOLOGY (IT)

Industrial Visits

The department organised industrial visit for S6 students from 11th to 14th February. Neethu Prabhakaran and Jiju T D, Assistant Professors accompanied the students.

The department conducted industrial visit for S8 students from 24th February to 4th March. Archana Nair and Shiju Kumar P S, Assistant Professors accompanied the students.

Student Activities

Anas Aji Mohammed and Fairroos Jahan of S4 participated in NSS Camp Unit No 602 (Pravega) at Govt Taluk Hospital, Kuttippuram from 27th February to 5th March.



IT students in front of Taj Mahal

Faculty Development Programmes Attended

Shini K and Shiju Kumar P S, Assistant Professors attended a FDP on “Teaching and Learning Skill Development” at MESCE organised by MES Training Academy and Kerala Self Financing Engineering College Management Association from 15th to 16th February.

Jiju T D, Shiju Kumar P S, Swathy S, Archana Nair S, Neethu Prabhakaran, Assistant professors attended a workshop on IPR conducted at MESCE, Kuttippuram on 26 th April.

COMPUTER SCIENCE AND ENGINEERING (CSE)

Student Achievement

Habeel and Afif Soukath Ali, students of S4 got first prize in AAPLE I, Quiz Competition conducted by AEI Dept on 28th February.

Paper Presentations

"An Efficient Approach Towards Review Analysis using NLP and Watson"

Aathira R, M.Tech student and Viju P Poonthottam, Asst. Professor

International Conference on Soft Computing Systems 2018 organised by Baselios Mathews II College of Engineering, Sasthamcotta, Kollam on 19th April.

Faculty Activities

Dr.Sobin CC, chaired a session in NCFC-2018, conducted by MCA dept on 21st February.

Dr. Sasidharan Sreedharan, HOD delivered a keynote speech for EEE Department Inauguration at Nirmala Engineering College, Meloor, Chalakudy on 3rd March.

He also delivered a speech in ANERT KSEB Engineers Training Programme on Solar Grid Connected Inverter at MES College of Engineering, Kuttippuram on 8th March.

Dr. Govindaraj E, Associate Professor chaired a session in the IEEE International Conference on Control and Power Communication and Computing Technologies, held at Vimal Jyothi college of Engineering, Kannur on 24th March.

Dr. Sobin CC, Associate Professor presented a paper in the Second International conference on Communications, Computing and networking at NITTTR Chandigarh on 29th March.

MECHANICAL ENGINEERING (ME)

Paper Presentations

"Two Mode Hydraulic Damping Prosthetic Leg for Above Knee Amputees"

(This paper won first prize in the event)

Abhijit A, Muhammed Janish U of S8 and Padmakumar K, Assistant Professor

"A Review on Magneto-rheological Fluid Braking Technology"

Ashbin Ashraf, Simnad K N and Nithin VC, Assistant Professor

"Coconut Harvesting Robot"

Suhail Madathil Haris of S6

(All at KETCON-2018 held at Sahrdaya College of Engineering jointly organised by KSCSTE and KTU)

Student Achievements

Ajmal Roshan, Mohamed Ashiq P A and Ashraf S of S6 won second prize in quiz contest in KETCON-2018 held at Sahrdaya College of Engineering jointly organised by KSCSTE and APJ KTU.

The project entitled “Solenoid Valve Controlled Prosthetic Leg for Above Knee Amputees” was selected for financial assistance from Kerala Startup mission (KSUM).The selection process was conducted at IIM Kozhikode on 5th February.

20 students of S6 obtained student membership in American Society of Mechanical Engineers (ASME) on 15th February.

Muhammed Janish U of S8 won first prize in Paper Bay organised by CUSAT in connection with TEQUEST’18 on 17th February.



Research paper which won First Prize in KETCON-2018



Management committee members inspecting the Make Things Lab

Student Development Programmes Organised

An awareness programme on "Fire and Safety" was conducted by the department association along with Fire Station, Ponnani in the college auditorium on 6th February.

A free ayurveda medical camp titled 'Ayursoukhya' was organised by the department association along with PNNM Ayurveda Medical College, Cheruthuruthy in the college auditorium on 17th February.

Student Development Programmes Attended

Students from S6 participated in the Annual Entrepreneurship Fest - EMPRESARIO Startup Summit 2018 held at Entrepreneurship Development Institute of India, Ahmedabad from 10th to 11th March.

Community Oriented Programmes Organised

Teachers from various schools across Kerala visited the 'Make Things Lab' and Fablab on 6th and 28th March respectively.

Faculty Development Programmes Attended

John Paul, Assistant Professor successfully completed online courses on 'e-Learning Ecologies : Innovative Approaches to Teaching and Learning for the Digital Age' and 'New Learning : Principles and Patterns of Pedagogy' by University of Illinois offered through Coursera in March and April.

Faculty Activities

Padmakumar K, Assistant Professor was one of the judges of the IDEA Day presentation in the 'Robotics Domain' held at IIM, Kozhikode, organised by Kerala Startup Mission on 5th February.

Dr. Rahumathunza I, HOD was a moderator for the debate on the topic "Woman and Labour" organised in connection with International Women's Day from 8th to 12th March by Kerala State Women Development Cooperation at Thiruvananthapuram.

Shine K, Assistant Professor was selected as a Mentor of Change to guide students of Atal Tinkering Lab on 19th March as part of Atal Innovation Mission.

Faculty Deputed for Higher Studies

Subrahmanian K, Assistant Professor secured admission for PhD programme (part time) under Kerala Technological University.



Dr. AS Varadarajan, Principal honouring officers of Ponnani Fire Station who conducted the awareness program on "fire and safety"



Dr. Mohammed Beedeuzaman, Vice Principal presenting a memento to the doctors of PNNM Ayurvedic Medical College, Cheruthuruthy for conducting the Free Ayurvedic Medical Camp

SCIENCE AND HUMANITIES (S&H)

Paper Publication by Faculty

"Performance Analysis Of V-Type Solar Still with Tilt Wick and Effect of Wick Coverage"

P.U. Suneesh, Assistant Professor, R. Jayaprakash, Sanjay Kumar, David Denkenberger & Duc Pham

Cogent Engineering, 4:1, DOI: 10.1080/23311916.2017.1419791 published by Taylor and Francis (Indexed in Scopus and CrossRef) in February

Faculty Development Programmes Attended

Sirly Tharakan and Shibu NG, Assistant Professors attended a FDP on "Teaching and Learning Skill Development" organised by MES Training Academy on 15th & 16th February.

Dr. Mini P P, HOD attended a FDP on "Multivariate Data Analysis " organised by FSDTC at Govt.Engineering College, Thrissur from 19th to 23rd February.



Winners of Quiz Competition conducted by Science and Humanities department on National Science Day along with Dr A S Varadarajan, Principal

COMPUTER APPLICATIONS (MCA)

Student Development Programmes Organised

Saleem K, student of 2014-2017 batch conducted a Seminar on Cyber Security for the students of MBA on 6th March. A workshop on "Using Android" was conducted on 10th March for the students of S4. Harikrishnan R, Community Architect at SVCO and Sachin Giridhar, Chief Technology Officer at Phacsin, were the resource persons.

Faculty as Resource Person

Balachandran K P, Associate Professor, delivered an invited talk on "Artificial Intelligence" at K R Sreenarayana College, Valanchery, Malappuram as a part of the Association Inauguration of the department of Computer Science on 3rd February.

Article Published

The article titled 'Need for Private Search Engines' by Vasudevan T.V, Assistant Professor was published in the college website on 20th February.

Faculty Development Programmes Attended

Nowshad CV, Assistant Professor participated in a Faculty Development Programme organised by TCS on "Machine Learning and Deep learning" on 26th April.

SCHOOL OF ARCHITECTURE (ARCH)

Academic Activities

Executive MArch programme of 3 year duration for practicing architects was approved by Board of Studies, University of Calicut.

A Team of Council of Architecture inspected MES School of Architecture on 9th and 10th April. The team consisted of Baljit Singh Khurana, Convener, Neerja Babbar and Anand Jayant Wadwekar, members.

Student Association Activities

Annual event of School of Architecture titled 'Envision' was held on 3rd and 4th March. Prof. C P Muhammed, Joint Secretary gave the presidential address. Rene Jensson, Building Biologist from Auroville, Pondicherry inaugurated the event. He also gave a keynote address. A workshop on arches was conducted by Sreejith, Assistant Professor and Nithin, student of M Arch. Various on the spot events and cultural programs were also conducted.

Student Development Programmes Attended

Students participated in the annual NASA convention at D C college of Architecture, Wagamon. Sreelakshmy K C and Shanik A, Assistant Professors accompanied them.

Site Visits

S6 students went on a study tour to Delhi, Agra, Jaipur, Chandigarh, Kulu and Manali. Jayasree T K and Sreejith U, Assistant Professors accompanied the students.

NPTEL Courses Completed

Jayasree T K, Assistant Professor completed NPTEL courses on 'Principles and Applications of Building Science' and 'Introduction to Research'. She was awarded a Certificate of Appreciation for mentoring 21 students in the successful completion of NPTEL courses on 'Principles and Applications of Building Science'.

TRAINING AND PLACEMENT (T&P)

Campus Recruitment

The department wise count of students selected in various companies during this period are given below.

QBurst, Technopark, Thiruvananthapuram :- CSE - 3, IT - 1

Focus Academy for Career Enhancement, Coimbatore :- ECE - 3, CSE - 1

MB9 India Software Solutions, Bangalore :- CSE - 3, MCA - 1

Inntot, Cochin :- IT - 1

Malayala Manorama :- MBA - 1

Entero Software Solutions :- MBA - 1

Hilite Group :- MBA - 1

Machine Test in the Campus Recruitment Drive By QBurst



Faculty Activities

Dr Prasanna T K, Director, School of Architecture went as an inspector for Council of Architecture to Sri Manakular College of Architecture, Pondicherry and SatPriya College of Architecture, Rohtak.



Keynote address by Mr. Rene Jensson, Auroville, Pondichery



Workshop on arches

Industry Institution Interaction Programmes

Bharath Krishnan of ECE dept and Arjun Hari of EEE dept were selected for the complimentary training programme of Cranes Varsity at Bangalore.



Editorial Board

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