

VISION : To develop an institution of international standing to provide quality education in Engineering Technology and Management and empower students to face challenges, taking care of societal responsibilities

NBA ACCREDITATION

MES College of Engineering, Kuttippuram got accredited by the National Board of Accreditation (NBA) for the B.Tech Programmes in Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering and Mechanical Engineering. This accreditation will be valid upto 30th June, 2022. Accreditation was granted after an on-site evaluation of the programmes by an expert team from the NBA from 15th to 17th February.

MES-AIT COLLABORATIVE INTERNATIONAL RESEARCH WORKSHOP



(From Left to Right) Sajeer Karattil, Assistant Professor, CSE Department, Dr. S. Kumar, Vice President, AIT, Prof. P. O. J. Lebba, Secretary, MESCE, Dr. C. P. Muhammed, Joint Secretary, MESCE and Dr. A. S. Varadarajan, Principal



A Session from The Workshop

MES College of Engineering in collaboration with Asian Institute of Technology (AIT), Bangkok organised an International Research Workshop on 'Green Energy for Sustainable Development of Kerala' on 22nd and 23rd March. Sri K Mohammed Basheer, Vice Chancellor, University of Calicut inaugurated the workshop.

MISSION :

- ➔ To provide state-of-art knowledge and skills to serve industry and society with dedication.
- ➔ To develop creativity and innovative research capabilities in the students, making them capable of useful contributions in the creation of knowledge society.
- ➔ To inculcate leadership qualities, human values and social responsibilities in the youth to make them leaders in nation building.



MES COLLEGE OF ENGINEERING, KUTTIPPURAM

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

Approved by AICTE, Affiliated to A.P.J. Abdul Kalam Technological University & Calicut University

Visit us at : <http://www.mesce.ac.in> [f/mescollegectpm](https://www.facebook.com/mescollegectpm)

Dr.S.Kumar, Vice President, AIT, Dr.A.Salam, Head of Energy, AIT and Dr. Joyashree Roy, Bangabandhu Chair Professor, AIT were the main resource persons of the workshop. Faculty members from various departments participated in the workshop.

STUDENT ACHIEVEMENT

The project titled 'Agrobot - An Assistance for Farmers' by students of MESCE bagged first prize in LIFEATHON organised by Christ College of Engineering. It included a cash award of Rs. 10000. The team included Kamalanathan, Gayathri, Arshad, Athul of S8 ECE-A Batch, Ashfaq Ummar and Saheem of S6 ME. They were guided by Shine K, Assistant Professor, ME dept. and Sreedhiya R, Assistant Professor, ECE dept.



Students Receiving Cash Award for the Project Titled 'Agrobot - An Assistance for Farmers'

APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING (AEI)

Industrial Visit

S4, S6 and S8 students went on an industrial visit to Malabar Cements, Kanjikode.

Students and Staff Members at Malabar Cements, Palakkad



S4 students visited several industries across South India from 28th March to 31st March.

Faculty as Resource Person

Dr. Bobby Mathews C, HOD was a member of the judging panel for the evaluation of project exhibition in the National Level Technical Festival 'Srishti '19' organised by Saintgits College of Engineering, Kottayam on 19th February. He also judged the paper presentation contest organised by KSEB Engineers Association in collaboration with EEE Dept. on 28th February.

Nandakumar P, Assistant Professor handled a session on "Electronic Instruments and Measurement Systems", at Govt. PolyTechnic College, Kottakkal on 28th February.

Vijilesh Krishnan K, Assistant Professor handled a session on "Advanced Microprocessors", at Govt. PolyTechnic College, Kottakkal on 1st and 2nd March.

CIVIL ENGINEERING (CE)

Student Achievement

Ayisha Noon, Neema S Sukhu, Nahda Anas, Sreerag M and Mirshana M A of S8 have qualified the GATE examination 2019.

Liyana Mariam of S8 has qualified the CAT examination 2019.

NPTEL Courses Completed

Students of S6 and S8 successfully completed the NPTEL online certification courses in 'Soil Mechanics' and 'Electronics Waste Management'.

Industrial Visit

S6 students visited Mangalam Dam, Palakkad and Idukki Dam on 16th and 18th March respectively.

S8 students visited the 60 MW hydroelectric project extension scheme of KSEB at Pallivasal near Munnar.

Paper Presentation By Faculty

Mohammed Suhail T, Assistant Professor, "A Sustainable Compressed Earth Block from Landfill Soil Cover", International Conference on Energy, Environment, Materials and Safety (ICEEMS'19), Cochin University of Science and Technology, April 25-27.

COMPUTER SCIENCE AND ENGINEERING (CSE)

Student Association Activities

The department student association MATRICS conducted a programme on “Google Cloud” on 14th March. Karthik K, student of S6 was the resource person.

MATRICS in association with IEEE conducted a talk on “Challenges and Issues on Network Security” on 26th March.

Faculty / Staff Development Programmes Attended

Dr. Sobin C C, Associate Professor attended a workshop on “AI in Healthcare” at IIT Guwahati from 28th to 30th March. He also attended the Industry Academia Interaction Programme conducted by ICT Academy of Kerala at Infopark, Kakkanad on 9th April.

Savitha M R, Lab Instructor successfully completed the online course ‘Programming for Everybody (Getting Started with Python)’ offered by Coursera on 8th April.

Faculty as Resource Person

Viju Poonthottam, Assistant Professor handled a session on the topic “Satisfying 21st Century Customers Through Modern Methods” for Staff training programme held at MGM Hypermarket on 18th February.

Shajeesh K U, Assistant Professor was a resource person for the course “Accelerating Block-chain Competency Development programme” offered by ICT academy from 12th April to 30th April.

MANAGEMENT SCIENCE (MBA)

Student Development Programmes Organised

A training programme for T3 students was conducted by Mr. Krishnakumar on 24th and 25th April.

Faculty Development Programmes Attended

Dr. K.P. Jabir Moosa, Associate Professor attended the MES-AIT Collaborative International Research Workshop ‘Green Energy’ held at MESCE on 22nd and 23rd March.

Research Activities

Prof. Daisyland Thattil has been awarded Ph.D by MG University for the topic “Stress Management among Nurses in Public and Private Hospitals in Kerala – A Comparative Study” under the guidance of Dr. V A Sonny, HOD, MBA.



Dr.V.A.Sonny, HOD Attending The Ph.D Award Ceremony of Prof. Daisyland Thattil

ELECTRONICS AND COMMUNICATION ENGINEERING (ECE)

National Science Day Celebrations

The dept. of ECE along with Kerala State Council for Science, Technology and Environment organised a technical talk on ‘Recent Trends in Space Technology’ as part of the National Science Day Celebrations on 27th February. Sri. Manash Bagchi, Director of Calicut Science Centre and Planetarium was the resource person.

Prof. P.O.J Lebba, General secretary, MES inaugurated the function. Shri Jayanth Ganguly, Technical officer, RSC, Dr. A.S Varadarajan, Principal, Dr. Gopakumar A, HOD, Dr. Shilpa Suresh, Department Association (AECE) staff in charge and Mr. Mohammed Shabab, AECE secretary spoke on the occasion.

Student Development Programmes Organised

The activities of Association of Electronics and Communication Engineering (AECE) was inaugurated by Dr. Sachin P C, a researcher who completed his Ph.D in Astrology and Astrophysics from IIST, Thiruvananthapuram. He also delivered a talk on ‘The Mysteries Deep in the Sky’. Dr. A.S Varadarajan, Principal, Dr. Gopakumar A, HOD, Dr. Shilpa Suresh, AECE staff in charge and Mohammed Shabab, AECE secretary addressed the gathering.

Student Development Programmes Attended

Ten students from S2 successfully completed the online course on “Design Thinking for Innovation” by University of Virginia offered through Coursera on 5th April.

Faculty Development Programmes Attended

Edet Bjoy K, Assistant Professor, attended “The Indian SPS Chapter’s Congress” organised by IEEE Signal Processing Society(SPS) Gujarat chapter at DA - IICT Gandhinagar, Gujarat on 23rd February. He also attended the technical talk on ‘Signal Processing for Structural Health Monitoring’ by Prof.V John Mathews, Professor in Electrical Engineering & Computer Science, Oregon State University,USA at College of Engineering, Thiruvananthapuram on 25th April.

Research Activities

Nisheena V Iqbal, Associate Professor submitted her Phd Thesis entitled “Robust Strategies For Upper Limb Myoelectric Prosthetic Control” at Karpagam University on 26th February.

Shaniba Asmi P, Associate Professor, submitted her Phd Thesis entitled “Effective Techniques for The Prediction of Preterm Birth Using Uterine Electromyogram Signal” at Karpagam University on 28th February.

Staff Achievement

Sreediya R, Assistant Professor was elected as a member of the Institute of Engineers(IEI) on 27th February.

COMPUTER APPLICATIONS (MCA)

Mathletics-2019

Mathletics-19, a mathematics quiz competition was conducted for final year degree students on 20th February. Prof.Hyderali K, HOD inaugurated the programme. Balachandran K P, Associate Professor delivered a career awareness session. Muhammed Jabir C, Assistant Professor conducted the quiz competition.

Participants of Mathletics - 2019 Along With Faculty and Staff Members of MCA Department



Harikrishnan V S, student, St.Thomas College, Thrissur and Sarangh M J, student, WMO College, Muttill,Wayanad won the first prize and second prize respectively. Prizes worth Rs.12000 were distributed to the winners.

Excellencia 19 - National Level Technical Fest

Excellencia-19, A National Level Technical Festival was conducted on 26th and 27th February. Mahesh Raveendran, Project Manager, Infosys and alumni of the department inaugurated the fest. Dr.A.S.Varadarajan, Principal delivered the presidential address.Santhosh Dharmarajan, Technology Manager and alumni of the department launched the promo video of Excellencia-2020. Prof.Hyderali K, HOD delivered the welcome address. Dr. Muhammed Bedeuzzaman,Vice Principal, Nowshad C V, Staff Coordinator and Shameem Rahman, Student Association Secretary gave felicitations.

The Technical Fest included events like Coding, Hacking, Web Designing, Application Development, IT Quiz, Digital Poster Designing, Google Search, Treasure Hunt, Online Photography and Gaming. The closing ceremony of the event ended with prize distribution. Farook College,Calicut won the overall championship.

Participants from Farook College, Kozhikode Receiving The Overall Championship Trophy from Hyderali K, HOD



Student Development Programmes Organised

Mohammed Shamshad P, student of S6 conducted a workshop on Android for S4 students on 18th and 25th March. Geever C Zacharias, Assistant Professor conducted a “Workshop on Latex” for S6 students on 21st March.

WOMEN’S DEVELOPMENT CELL

International Women’s Day Celebrations

A carrom board competition for girls was organised on 8th March at the CSE block.

Mechanical Engineering Association organised a cooking competition titled ‘Usar Payasam’ on the same day.

ELECTRICAL AND ELECTRONICS ENGINEERING (EEE)

IEEE Activities

IEEE Annual General Body Meeting was held at the college auditorium on 18th March.

IEEE SB MESCE conducted orientation classes for first year students of EEE, ECE, AEI, IT and CSE on 18th March.

Student Development Programmes Organised

Aadil Mohammed of S6 handled a session on 'Hydro Electricity' for first year EEE students on 23rd March, World Water Day.

Student Achievements

The project titled "CNC Machine Using E-Waste" by Muhamed Shabeeb V P, Vivek V M, Vishnupriya K P, Hanna Sherin N K and Uvais K P was selected among the Top Ten Projects in SRISHTI 2019, 6th National Level Technical Project Exhibition and Competition held at SaintGits College of Engineering on 18th and 19th February. The project was guided by Nesihath M K, Assistant Professor.

Aadil Mohammed of S6 EEE and Aneez Rahman of S6 ECE won first and second prizes respectively in the college level competition of KSEB 10th seminar series organised in association with IEEE PES on 27th February. They got selected to participate in district level competition.

Aadil Mohammed Mansoor and Fatima Afreen bagged second prize in the Idea Pitching Competition held at Al-Ameen College of Engineering conducted by IEDC on 27th March.

Faculty Activities

Dr.Nafeesa K, Professor and Idirees Shafi A, Instructor presented the Renewable energy utilisation and activities of MES College of Engineering before the review panel of Kerala State Renewable Energy Award -2018 at ANERT head office, Trivandrum on 13th March.

Faculty Development Programmes Attended

Nesihath M K and Jaseem N, Assistant Professors attended a National Workshop on 'Delve into the Future of Electric Vehicle' organised by Department of EEE, NIT Calicut on 15th and 16th March.

Dr.Nafeesa K, Professor, Sajina M.K and Thanweer Gafoor, Assistant Professors participated in the Training of Trainers on Sustainable Energy Champion-2019 organised by IEEE Kerala Section, IEEE PES SBC, MESCE and SEEM (Society of Energy Engineers and Managers) Kerala Chapter on 20th March.

MECHANICAL ENGINEERING (ME)

Paper Presentations

Suhail Madathil Haris, Aquib Jaleel Mooppan, Sachin Gosh A P, Nithin K (All S8 students) and Padmakumar K, Assistant Professor, 'Design & Fabrication of COCOT', International Conference on Science, Technology, Engineering & Management, KIT Coimbatore, 22nd and 23rd March.

Suhail Shamsudheen, Nihal C P, Muhammed Fasil V P, Sharique M N (All S8 students) and John Paul, Assistant Professor, 'Performance Analysis and Feasibility Study of Bio-butanol as a Potential Substitute to Gasoline in SI Engine', International Conference on Advancements in Mechanical Engineering, Jyothi Engineering College, Thrissur, 10th and 11th April.

Industrial Visit

S6 students visited Keltron Electro Ceramics Limited on 6th February in connection with Partial delivery of Manufacturing Technology Lab 2.

Student Development Programmes Attended

Muhammed Musthafa of S2 participated in the Cross Roads Ducati Yezdi Workshop held as part of Astra 2019 at St.Joseph's College of Engineering & Technology, Palai on 7th and 8th February.

Abdulla Fayis, Sajad Ahammed and Fayyaz V V of S6 participated in the workshop 'Auto Fiesta' conducted during GYANITH'19 at NIT Puducherry on 1st and 2nd March.



Paper Presentation by Suhail Madathil Harris, S8 Student at KIT Coimbatore



S6 students at Keltron Electro Ceramics Limited

Ahammed Rasheek of S6 successfully completed the online course on 'Rail Vehicle Engineering' offered by UdeMy on 9th March.

Rayan Tambin, Nihaal K P and Sanal Babu U of S2 participated in 'Abhiyanthriki 2019' held at Rajagiri College of Engineering Technology on 15th March.

Ruwaishid K P of S2 participated in the workshop on 'Deep Learning' held as part of Ragam'19 at NIT Calicut from 22nd to 24th March.

Ananthu B and Vivek K P of S8 participated in the MES-AIT collaborative seminar on "International Opportunities for Higher Studies".

Nihal C P of S8 attended the on site training programme in "Duct Design & Installation" offered by Ideal Concept Contracting Dubai,UAE from 13th to 20th April.

Mohammed Aslam M P, Mohammed Dilshan K, Mohammed Muhsinmon P P and Suhaib P P of S8 completed the online course "Digital Skills : Digital Marketing" offered by Accenture on 15th April.

Ananthu B, Vivek K P, Sanal Kumar E P and Kiran K T of S8 participated in the Calicut University Idea Fest 2019 organised by KSUM and University of Calicut on 27th April.

Student Development Programmes Organised

An Essay Writing Competition was organised jointly by Mechanical Engineering Association(MEA) and ASME Student Chapter in connection with National Science Day Celebrations 2019 on 28th February.

Faculty Activities

Dr.Rahumathunza I, HOD was selected as a member of the Curriculum and Syllabus Revision Committee of APJ Abdul Kalam Technological University on 23rd March. She attended the committee meetings chaired by the Vice Chancellor on 29th March and 12th April.

Faculty as Resource Person

Vishal S G, Assistant Professor was the Resource Person for the workshop 'Automania' organised by WIE- IEEE MESCE on 15th March.



Vishal S G, Assistant Professor Interacting With Participants of The Workshop 'Automania'

He also handled a session in "Yuktha '19", a special camp organised by NSS.

Faculty Development Programmes Attended

John Paul, Assistant Professor successfully completed an online course "Research Methods: An Engineering Approach", offered by WitsX, an online learning initiative of the University of the Witwatersrand through edX on 13th April.

INFORMATION TECHNOLOGY (IT)

Student Association Activities

Student Association of IT (S@it) organised a poster presentation competition for the final year students on 17th April. Neethu Prabhakaran, Assistant Professor was the coordinator of the programme.

Faculty Development Programmes Attended

Shiju Kumar P S, Assistant Professor attended the conference and presented a paper at Hindustan University, Padur, Chennai on 6th February.

Archana Nair S, Assistant Professor attended the MES-AIT Collaborative International Research Workshop on "Green Energy for Sustainable Development of Kerala" held from 22nd March to 23rd March.

Faculty Activities

Badharudheen P, Assistant Professor initiated the "K-Disc Full Stack Developer" course for B.Tech and M.Tech students from 5th April onwards. He also represented the MESCE staff football team in the match held at LBS Kasaragod on 27th April.

COMMUNITY SERVICE CENTRE

Badharudheen P, Assistant Professor in IT handled sessions on 'PC and Hardware Assembling' for the students of MES HSS, Irimbiliyam.

Students and Teachers of MES HSS,Valanchery visited the FabLab and laboratories of Mechanical Engineering Department on 26th February.

SCHOOL OF ARCHITECTURE (ARCH)

Envision 2019

Envision 2019, annual event of School of Architecture was held on 22nd and 23rd March. Ar. Mathew Joseph, Principal Architect at Saira and Mathew inaugurated the event. Prof. P O J Lebbra, Secretary delivered the presidential address. A Workshop on Madras Terrace Roof and Wattle and Daub Construction was conducted for the students. Birla White competition in mural making, various on the spot competitions, a friendly football match among various student groups of the department and cultural programmes were also conducted.



Inaugural Ceremony of Envision 2019



Cultural Programme During Envision 2019

Student Chapter of Indian Green Building Council (IGBC) was inaugurated by Ar. Mathew Joseph. He also made a presentation on 'Indian Green Building Council'.

Dr. Prasanna T K, Director, School of Architecture Receiving
The Membership Certificate of Indian Green Building Council
from Ar. Mathew Joseph



Inspection By Council of Architecture

Members of The Council of Architecture inspected MES School of Architecture on 1st and 2nd April. Mukul Singh, Convener, Mohammad Munavar Pasha and Mahesh Somashekar Hiremath were the members of the inspection team.

Academic Activities

Students and Faculty members participated in the ECBC energy simulation program conducted by ECBC cell, Energy Management Centre, Thiruvananthapuram from 24th April to 27th April. Samhita M and Kulandhaivel Muthusamy were the resource persons. Samhita M inaugurated the event. Dr K P Mohammed, Management Committee Member presided over the function.

Vertical studio – A design studio mixing competition was conducted for B.Arch and M.Arch students. Students worked on the Museum, Sports complex, Housing and mixed use tower projects.

Student Development Programmes Organised

Dr. Jagannathan, Principal, KSSA school of Architecture, Bangalore delivered a lecture on 'Vastu Vidya for Designing Healthy and Sustainable Spaces'.

Ar Prasanth, Faculty Member, XIMB Bhubaneswar gave a lecture on career opportunities to 3rd year B.Arch students.

Site Visits

S2 B.Arch students visited Edappal as part of their design problem. They also visited Ponnani for a history of architecture building study on traditional buildings.

Second year students went for a documentation survey to a church at Kunnamkulam.

Third year students went for a documentary survey to settlement study at Ponnani.

Second year students went on a trip to Hassan, Hallided, Bellur, Gokarna, Dandeli. Dibini Amal, Associate Professor and Tino Mary Thomas, Assistant Professor accompanied them.

TRAINING AND PLACEMENT (T&P)

Campus Recruitment

The department wise details of students recruited by various companies during this period are given below.

Infosys Technologies :- ECE - 1 (Nijitha Benny), EEE - 1 (Hanaa Hyderali)

CTS :- CSE - 1 (Fadhil Basheer)

Amazon :- ECE - 2 (Shabab, Vishnu)

AutoSmart, Bengaluru :- MCA - 2 (Mohammed Shabeer K, Mohammed Shamshad P)

Training Programmes Organised

A Soft Skill Training Programme for the final year students was conducted on 10th April. Vinitha. V.U., a professional trainer was the resource person.

T&P Cell in association with NACTET conducted a Career Guidance Programme and Scholarship Test for the final year B.Tech. ME and CE students on 17th and 24th April respectively.

Placement Officers Meet

Dr. Bobby Mathews C, Placement Officer attended the Placement Officers meet organised by Infosys Technologies, at Technopark Campus, Thiruvananthapuram on 22nd March.

SPORTS AND GAMES

Student Achievement

Muhammad Nihad of S8 CE bagged third position in Dubai Football Premier League conducted in Dubai for Masters FC in April.

Muhammad Nihad of S8 CE Receiving the Man of the Match Trophy in Dubai Football Premier League



CENTRAL LIBRARY - KNOWLEDGE CENTRE

Workshop in Library Automation

MES College of Engineering Central library and Knowledge Centre in association with District Library Council organised a workshop on 'Library Automation Using Koha-Open Source Integrated Library Management Software' on 7th and 8th February at ECE seminar hall. Dr. Gopakumar, HOD ECE and Knowledge Centre Head presided over the function. Padmanabhan Master, Kerala Library Council Member inaugurated the function. Dr.A.S.Varadarajan, Principal and Lino Abraham Varghese, HOD, IT gave felicitations. Abdul Gafoor, Librarian, MESCE and Biju, Librarian, Edappal Panchayath Library handled classes. Around 30 librarians participated in the workshop.

Training Programme in IEEE E-Journal Access

MES College of Engineering Central library and Knowledge Centre in association with IEEE conducted a training programme in 'IEEE e-journal access' for students on 9th April. Nanda Lal, IEEE trainer handled the classes. Around 32 students attended the training programme.



Inaugural Function of Library Automation Workshop



IEEE Training Programme

Editorial Board

Dr. A S Varadarajan (Principal), Vasudevan T V (Asst. Prof, MCA),
Nithin V C (Asst. Prof, ME) Divya Mohanan (Asst. Prof, CE), Mumtaz Thampi (Language Lab)