



MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

College Code : MBT. Accredited by NAAC with A grade. Five B.Tech Programmes accredited by NBA since 2016.

@officialmbcet



INTERNATIONAL CONFERENCE : NETACT25

The Department of Computer Science and Engineering hosted the Third edition of its International Conference on Networks and Advances in Computational Technologies, **NetACT25**, from **7 to 9 August 2025**. The conference is organized in collaboration with **Bowie State University, USA** and is technically co-sponsored by the **IEEE Kerala Section**, with additional support from **LPSC** and the **MBCET Alumni Association (MBCETAA)**. The conference was formally inaugurated by **Dr. K. Sivaprasad**, Vice Chancellor of **APJ Abdul Kalam Technological University** and **Dr. S. Viswanatha Rao**, Principal, presided over the inaugural ceremony. As part of the event, **Dr. Vinod Chandra S. S.** (Professor, University of Kerala), **Dr. B. S. Manoj** (Senior Professor, IIST and Chair, IEEE Kerala Section), and **Mr. Ajayalal P. R.** (Deputy Director, LPSC) offered felicitations. **Dr. Jisha John**, Head of the Department, **Dr. Jesna Mohan**, Associate Professor and **Mr. Shon J. Das**, Assistant Professor, Department of CSE, spoke on the occasion. **NetACT25** served as a global platform for Researchers, Academicians, and Industry Experts to share insights, research findings and advancements in computing and technology.

FDP ATTENDED

- **Dr. Priya Mariam Raju, Dr. Neena Raj N. R., Dr. Merlin George** and **Ms. Krishna L.**, Assistant Professors, Dept. of CSE, have participated in a 40 Hours Online Faculty Development Program on “Current Advancements in Artificial Intelligence, Machine Learning, and Data Science”, sponsored by Ministry of Electronics and Information Technology (MeitY), Government of India, organized by E & ICT Academy, NIT Warangal, in association with Department of Mathematics, Jaypee Institute of Information Technology (JIIT), Noida, Uttar Pradesh (INDIA) from 16 to 25 June 2025.



PRINCIPAL'S MESSAGE

The COVID-19 pandemic has had a significant impact on attention span, with many people experiencing decreased focus due to increased stress and anxiety, distractions from social media, increased screen time and digital fatigue. Reading books can significantly improve concentration skills by training one's mind to focus on a single task, increasing attention span, enhancing mental discipline, leading to improved productivity. Reading books can also significantly improve communication skills by enhancing vocabulary and language proficiency. It exposes readers to different writing styles, tones, and perspectives developing critical thinking and analytical skills, leading to more effective expression of ideas. Book reading is a great way to unwind and relax. It can transport you to different worlds, calm your mind, and provide a much-needed escape from daily stress. In addition, through books, we can explore different cultures, perspectives, and ideas, broadening our horizons and fostering empathy. Regular reading can become a rewarding habit that brings joy, knowledge, and personal growth. Every year, National Book Lovers Day is celebrated on 9 August. Let us pick up a good book, start reading and cultivate a lifelong love of learning, staying curious and adaptable in an ever-changing world.

Dr. S. Viswanatha Rao



NetACT25 - Inauguration

Vision: To be an Institution moulding globally competent Professionals as epitomes of Noble Values.

Mission: To transform the Youth as technically competent, ethically sound and socially committed professionals, by providing a vibrant learning ambience, for the welfare of humanity.



- **Ms. Anjali Devi A. J.**, Assistant Professor, Dept. of CSE attended the online Faculty Development Programme on "Bio-Inspired Computing and Intelligent Optimisation: Bridging Nature and AI" organized by Sri Sairam Institute of Technology, held from 21 to 26 July 2025.
- **Dr. Archana P. Das, Dr. Lakshmi J. S., Dr. Preethi P. C. and Dr. Renjini M. Nair** attended AICTE approved 5-Day Faculty Development Programme (FDP) on Universal Human Values II, conducted from 21 to 25 July 2025 at MBCET, Thiruvananthapuram.
- **Dr. Ancy S. Anselam, Dr. Swapna P. S.**, Associate Professors and **Mr. Niyas K. Haneefa**, Assistant Professor, ECE participated in an Online Faculty Development Program on "Exploring IoT in the Digital Era: From Smart Devices to Intelligent Systems", Sponsored by Ministry of Electronics and Information Technology (MeitY), Government of India, organized by E & ICT Academy, NIT Warangal, in association with Indian Institute of Information Technology Kottayam (IIIT-K), Kerala, India from 09 to 18 June, 2025.

FIVE DAYS FDP



UHV Cell of Mar Baselios College of Engineering, Thiruvananthapuram, organized a Five Days Face to Face Faculty Development Program (FDP) on Universal Human Values (UHV II) from 21 to 25 July 2025. It was an AICTE Approved Self-Funded Non-Residential FDP designed for Faculty Members who have successfully completed UHV Introductory course or UHV I. **Prof. Umesh Yadav**, the Resource Person delivered insightful sessions throughout the program, providing valuable guidance and perspectives. 51 participants attended the FDP. Observer: **Mr. Manilal V. J.** Co-facilitators: **Ms. Priya C. V. and Dr. Joy Varghese V. M.** Convener: **Dr. S. Ushakumari.** Local Program Coordinator: **Dr. Veena Nair.**

IEEE KERALA SECTION KERALA ENGINEERING EDUCATION ENHANCEMENT (KEEE) CONCLAVE 2025



Dr. Nisha G. K., Professor, EEE Department attended the IEEE Kerala Section Kerala Engineering Education Enhancement (KEEE) Conclave 2025 which was held on 02 August 2025 at Hotel Maurya Rajadhani, Thiruvananthapuram. The theme of the conclave was Enhancing Gross Enrolment Ratio (GER) for Engineering Colleges in Kerala. The event commenced with a welcome address by **Dr. K. C. Raveendranathan**, IEEE Kerala Section, followed by opening remarks and an overview by **Dr. B. S. Manoj**, Associate Dean, IIST & Chair IEEE Kerala Section. The Inaugural Address was delivered by **Dr. Jayaprakash P.**, Director of Technical Education, Government of Kerala. **Dr. Sharmila Mary Joseph IAS**, Principal Secretary, Higher Education, Government of Kerala, gave a special Address highlighting key policy initiatives and the role of higher education in innovation. The session featured Round Table Discussions among the participating signatories, promoting collaboration and strategic dialogue.

TALK SESSION ON "EDUCATIONAL OPPORTUNITIES IN EUROPE & ASIA POST ENGINEERING"

The ISTE MBCET Chapter organized an insightful online session titled "Educational Opportunities in Europe & Asia Post Engineering" on 30 July 2025. The session aimed to guide engineering students on exploring higher education options abroad, with a focus on Europe and Asia. The invited speaker, **Mr. Arjun Ramesh**, a Management Consultant at 180 Degrees Consulting, Paris, shared his expertise and experiences. Over 130 attendees participated in the event. Faculty Coordinators: **Dr. Nidhi M. B.**, Prof., ME, **Ms. Poorna B. R.**, Asst. Prof., CSE, **Ms. Vijitha Robinson**, Asst. Prof., CSE.

FACULTY AS RESOURCE PERSON

Dr. Jaya S. Pillai, Associate Professor, CE, served as resource person for the "Gifted Children Program" organized by the Education Department, Government of Kerala and delivered a session on "Environmental Engineering: Scope and Challenges" on 2 August 2025 at Pattom Girls HSS.





IEEE SPS ACTIVITY

The IEEE Signal Processing Student Branch Chapter, in association with the Signal Processing Research Group of the ECE Department, jointly organized a workshop titled "Hands-on ML with Orange" on 02 August 2025. A total of 53 students participated in the workshop. Resource Person: **Ms. Deepa P. L.**, Assistant Professor, ECE Coordinator: **Mr. Anoop K. Johnson**, Assistant Professor, ECE



STUDENT ACHIEVEMENT

Ms. Anagha Kuttala Radhakrishnan, S7 EC1 has been selected for six months paid internship from August 2025 to January 2026 at Naval Oceanographic and Physical Laboratory functioning under DRDO, Kochi



PAPERS PRESENTED

- Gargi Venugopal, Femiya Thomas, Anna Mariyam, Gopika V. S., Anandu Krishna B. S. and **Dr. Ancy S. Anselam**, Associate Professor, ECE presented paper titled Anatomically-Aware Deep Learning for Medical Imaging: Hybrid GAN-Diffusion Framework for CT Image Synthesis from MRI and PET in the 2nd International Conference on Advancements in Power, Communication and Intelligent systems at GCE, Kannur, Kerala from 27 to 28 June 2025.
- Dr Renjini M. Nair** presented a poster entitled "Preparation and Characterization of a Polymer blend with Gum Arabic and Sodium Alginate", in the CSIR-NIIST Golden Jubilee Conclave series "New Vistas in Critical Minerals and Materials" organized by Material Science and Technology Division, CSIR-NIIST on 01 August 2025.
- Dr Preethi P. C.** presented a poster entitled "Development of a 'turn-off' sensor for the detection of nitrobenzene in aqueous medium" in the CSIR-NIIST Golden Jubilee Conclave series "New Vistas in Critical Minerals and Materials" organized by Material Science and Technology Division, CSIR-NIIST on 01 August 2025.

- Ms. Syama S. Mohan** presented the paper titled "Reliability Estimation of Stress-Strength Weibull Models under Step - Stress Partially Accelerated Life Testing and Threshold - Modified Stress." at the First International Conference on Emerging Trends in Applied Science, Management and Technology (ICEAMT '25) hosted by the Department of Basic Science and Humanities, Management Studies and Computer Applications, Adi Sankara Institute of Engineering and Technology, Kalady, Ernakulam, India held from 31 July to 01 August 2025.
- Dr Lakshmi J. S.** presented a poster entitled "Synthesis and characterization of low temperature sintered Zn₂V₂O₇ ceramic for potential use as a substrate in microstrip patch antenna", in the CSIR-NIIST Golden Jubilee Conclave series 'New Vistas in Critical Minerals and Materials' organized by Material Science and Technology Division, CSIR-NIIST on 01 August 2025.

ATTENDED TALK ON MIND POWER

Dr. Lakshmi J. S. and **Dr. Preethi P. C.** attended a talk on SHARPENING MIND POWER jointly organized by MTT College and Mental Health Action By people, Kerala Chapter on 17 July 2025.

NEWLY JOINED FACULTY

Mr. Salil N. joined as Assistant Professor in the Department of Electrical and Electronics Engineering on 16 July 2025.



ASCEND 3.0 - CAREER GUIDANCE TALK



IEEE PES SBC MBCET, in collaboration with T.I.M.E. (Triumphant Institute of Management Education), conducted the second session of the expert talk series on the topic "Higher Studies with Career Guidance." The session was led by **Mr. Rakesh Rajeev**, Director, T.I.M.E., Thiruvananthapuram, and was held on 29 July 2025. It was open to pre-final year students of Electrical and Computer Engineering, including both IEEE and non-IEEE members. A total of 50 students attended the session.





ADMISSIONS 2025



MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous College affiliated to APJ Abdul Kalam Technological University)

Code
MBT

NBA Accredited Programmes

B.Tech Civil Engineering.	120 seats
B.Tech Computer Science and Engineering.	120 seats
B.Tech Electronics and Communication Engineering.	120 seats
B.Tech Electrical and Electronics Engineering.	60 seats
B.Tech Mechanical Engineering.	90 seats

M.Tech Programmes

M.Tech Computer Science and Engineering.	18 seats
M.Tech IoT and Sensor Systems.	18 seats
M.Tech Machine Design.	18 seats
M.Tech Power Control and Drives.	09 seats
M.Tech Structural Engineering.	18 seats
M.Tech Transportation Engineering.	18 seats
M.Tech Environmental Science and Engineering.	18 seats

Ph.D in all branches.

New B.Tech Programmes started in 2022

B.Tech Computer Science and Engineering(Artificial Intelligence).	60 seats
B.Tech Electrical and Computer Engineering.	60 seats

**Contact
Numbers
for
Admissions**

General Enquiry
0471-2545868 (Working days)
9446572809, 7012052622
NRI Admission
9447211341(M)

Established: 2002
NBA Accreditation : Since 2016
NAAC Accreditation (A Grade): Since 2016
Autonomous: 2020



MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY

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