



**MAR BASELIOS**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
AUTONOMOUS

College Code : MBT. Accredited by NAAC with A grade.

**MBCET**  
Bulletin

Five B.Tech Programmes accredited by NBA since 2016.

@officialmbcet



## PRINCIPAL'S MESSAGE

The interdisciplinary nature of engineering education involves integrating knowledge and approaches from various fields to solve complex, real-world problems. This approach moves beyond traditional disciplinary boundaries, encouraging collaboration and synthesis of ideas from different areas of expertise. This integration is crucial for addressing the multifaceted challenges in modern engineering. For example, the design and development of Smart Cities require collaboration between civil, electrical, computer, and environmental engineers. Similarly, developing medical devices and technologies for healthcare involves collaboration between engineers and medical professionals. The same is applicable to most real-world applications that require a holistic understanding of various disciplines. An important objective of professional education is to equip students with the knowledge and skills in interdisciplinary areas to meet the requirements of industry and get inducted into live projects. In addition, there is a need to be adaptable, innovative, and collaborative to build a successful career. Through a well-defined curriculum and collaborations with industries, the College has created an ambience conducive to learning, bridging the gap between theory and real-world applications. With the commencement of another academic year, we remain committed to imparting professional education that is true to our vision.

**Dr. S. Viswanatha Rao**

## RESEARCH PAPER PUBLISHED

Jose S. M., Varghese R., **Lakshmi. J. S.**, & Thomas, J. K. (2025). Resistive Heating Assisted Microwave Sintering of Y<sub>2</sub>O<sub>3</sub>/Dy<sub>2</sub>O<sub>3</sub> Nanocomposite Ceramics: Tailoring Optical Transmittance and Microhardness Properties for Infrared Transparency Applications. Transactions of the Indian Ceramic Society, 84(2), 161–175. <https://doi.org/10.1080/0371750X.2025.2515378>

**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.

## MBCET SIGNS MOU WITH ICFOSS FOR UAV RESEARCH AND DEVELOPMENT



MBCET has signed an MoU with ICFOSS today for active research and development of Unmanned Aerial Vehicles. The MoU aims to establishing a Centre of Excellence in innovative UAV technologies using open-source software systems. The MoU was signed by our Principal and **Dr. Sunil T. T.**, Director, ICFOSS.

## SEEING OFF 1<sup>ST</sup> BATCH OF STUDENT MOBILITY PROGRAMME



A short meeting to see off the 1st batch of the Student Mobility Programme leaving for UiTM, Malaysia was held at the college. **Rev. Fr. John Varghese**, Director, **Dr. S. Viswanatha Rao**, Principal and **Rev. Dr. Koshy Issac Punnamoottil**, Bursar, spoke on the occasion. The programme, initiated as part of the MoA with the Dept. of ME, was coordinated by **Dr. Jayakumari J.**, Professor in ECE, International Liaison Officer, and **Dr. Nidhi M. B.**, Professor in ME, on behalf of IRC. Six students from various departments will be attending the programme from 3 to 10 July 2025.

## FACULTY SHARING PROGRAMME

**Dr. Veena Nair**, Asst. Prof. (S & H) participated in the Faculty Sharing Program, "Reignite the Spark: High impact Teaching Strategies that work" conducted by IBS on 28 June 2025.

## STUDENT ACHIEVEMENT

**Mr. Adil Mohammed S3 EC2** won the Best Delegate Award at the Trivandrum Model United Nations 2025, held on the 21 and 22 June 2025.



## FACULTY INTERNSHIP AT HLL

A 3-day faculty internship was successfully completed at HLL Lifecare Ltd. from 17 to 19 June 2025. 9 faculty members participated in the programme and identified real-life problems that can be taken up as project topics. The internship was initiated by CPDL, MBCET.



## PAPER PRESENTED

**Ms. Teena Rajan**, Asst. Professor, Dept. of ECE, presented a paper titled 'Performance Evaluation of Knitted Fabric Based Electrodes for Wearable Applications' in the 2nd International Conference on Advancements in Power, Communication and Intelligent Systems (APCI 2025), organized by the Government College of Engineering Kannur, Kerala, on 27 to 28 June 2025.

## FDPS ATTENDED

- **Ms. Revathy K P**, **Ms. Neetha Chandran** and **Mr. Ayush Vijayan**, Assistant Professors, EED participated in the Five-Day Faculty Development Programme on "Research Article writing using LaTeX and Biomedical Research: Current Trends and Applications" conducted from 13 to 18 June 2025 organized by Al Ameen Engineering College, Kulappully, Palakad, Kerala.
- **Dr. Jesna Mohan**, Associate Professor, Dept. of CSE attended six days workshop cum FDP on "Geospatial data: Tools, techniques and applications" organized by Department of Computer Science and Engineering and CSE-Cyber security, Indian Institute of Information Technology Kottayam from 23 to 28 June 2025.

## BASKETBALL LEAGUE

**Ryan Mathew Manual** S5 EL, **Ashish E.** S5 CT **Aromal R. Chandran** S5 EL, **Rohan P. C.** S5 ME secured Second position



in the Open Men category of the Season 1 of Trivandrum Basketball League conducted by Hoops School of Basketball and Trivandrum District Basketball Association on 22 and 29 June 2025 at St Joseph's Indoor Stadium Palayam.

## WEBINAR ON IEEE XPLORE & EBSCO



MBCET Library successfully conducted a live webinar titled "Value of IEEE Xplore and EBSCO E-Books in Project Work" for all S7 students from the Departments of Electronics and Communication Engineering (ECE), Computer Science and Engineering (CSE), and Electrical and Electronics Engineering (EEE). The event took place in their respective seminar halls on 1 July 2025. The resource person for the session was **Mr. Nandalal T. S.**, Senior Training Manager at EBSCO Information Services. The program was coordinated by the librarian, **Mr. Binu K. John**.

## AIORI-2 FACULTY WORKSHOP SERIES

Mar Baselios College of Engineering and Technology is honoured to be among the 11 prestigious venues selected to host the Advanced Internet Operations Research in India-2 Train the Trainer Workshop Series, supported by National Internet Exchange of India (NIXI) and Ministry of Electronics and Information Technology (MeitY) organized by IEEE India Council IAYPC and IIFON. Scheduled for 29 July 2025, **Dr. Nisha G. K.** (Professor, EED; IQAC Coordinator) serves as the workshop coordinator.

## INTERNATIONAL PLASTIC BAG FREE DAY



"A small change in our habits can lead to a big change in our environment." International Plastic Bag Free Day is observed globally to create awareness of the menace of plastic to the world. The day is observed as a powerful reminder of the environmental damage caused by single-use plastic bags and a call to action for a cleaner, greener planet.







# 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

Mar Ivanios Vidyanagar, Nalanchira, Thiruvananthapuram-695015, Kerala

(Managed by Malankara Catholic Educational Society of the Archdiocese of Trivandrum)  
[www.mbcet.ac.in](http://www.mbcet.ac.in)



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