



**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



## PRINCIPAL'S MESSAGE

Yoga is a holistic practice that offers numerous benefits for both physical and mental health. It involves physical postures (asanas), breathing techniques (pranayama), and meditation, promoting overall well-being. Regular yoga practice can improve flexibility, strength, and balance, while also reducing stress, anxiety, and chronic pain. Yoga is a core component of the Indian Knowledge System (IKS), representing a holistic approach to well-being that integrates physical, mental, and spiritual practices. Rooted in ancient scriptures like the Vedas and Upanishads, yoga, particularly as systematized in Patanjali's Yoga Sutras, offers a path to self-realization and inner harmony. Yoga practices encourage ethical behavior and mindfulness, fostering a positive impact on individuals and society. Yoga has been shown to be effective in managing chronic pain conditions like back pain, neck pain, and arthritis. It can help lower blood pressure and heart rate, potentially reducing the risk of heart disease. Realising the significant benefits yoga for physical and mental well-being, the International Day of Yoga was adopted by United Nations in 2014, by considering 21<sup>st</sup> June every year for celebration and creating awareness about the benefits of practicing yoga. The theme for this year is "Yoga for One Earth, One Health," highlighting yoga's vital role in promoting holistic well-being and environmental harmony. Let us all be a part of it, practicing and promoting yoga for the benefit of one and all.

**Dr. S. Viswanatha Rao**

## SKILL DEVELOPMENT PROGRAM ON BIM – CIVIL ENGINEERING

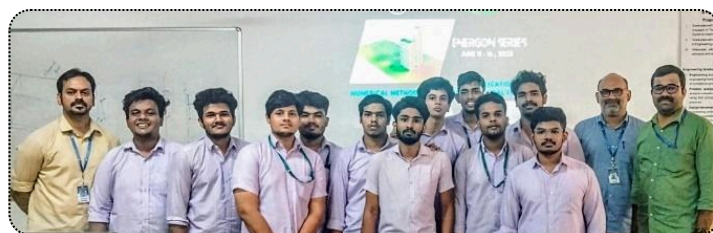
The Department of Civil Engineering organized a five-day Skill Development Program (SDP) on *Building Information Modeling (BIM)* for S3 CE students, held from 16 to 20 June 2025. A total of **45 students** participated in the program, which was conducted by experts from Lines and Circles, Trivandrum. Coordinators: **Dr. Anupama Krishna D.** and **Ms. Diana Alice Sugunan.**



## STTP ON ELECTRIC MOBILITY – EED

The Department of Electrical and Electronics Engineering conducted a six-day Short-Term Training Program (STTP) on "Electric Mobility in Industry: Exploring the Latest Technologies and System-Level Innovations" from June 9 to 14 2025. The program featured expert sessions by academic researchers, industry professionals, and data scientists from leading organizations. Participants explored key areas including power electronics in electric vehicles (EVs), hands-on machine learning with MATLAB, agentic workflows using LangGraph, emerging trends in EV charging, the role of AI/ML in EV technology, model-based design for EVs, software-defined vehicles, and the integration of IoT and AI in industrial EV applications. A total of 57 participants, including students, faculty members, research scholars, and professionals, took part in the sessions, which included lectures, hands-on training, and interactive discussions. The program was coordinated by **Dr. Anil J.** and **Dr. Sheryl Arulini**, Assistant Professors, EED.

## ENERGON WORKSHOP ON NUMERICAL METHODS



A five-day workshop on "Application of Numerical Methods in Diverse Mechanical Fields" was conducted by the Dept. of ME from 11 to 16 June 2025, as part of the Energon Series, in association with AUTOMATA and the ASME student chapter. Sessions were led by **Mr. Vaishakh S. Nair**, **Dr. Jishnu Chandran R.**, and **Dr. Arun M. G.** (Dept. of ME, MBCET), and **Dr. Arun Govind Neelan A.**, an expert in CFD and AI. The workshop provided a platform to learn basic concepts in numerical approaches along with hand-on training on simulation tools.

**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.



## FIVE-DAY YOGA TRAINING PROGRAM



The Departments of Civil Engineering and Physical Education, in association with Inzio Yoga and Wellness Studio, jointly organized a five-day Yoga Training Program at MBCET from 16 to 20 June 2025. The sessions were conducted at the Amenity Centre for first- and second-year students of the 2023 Scheme. This initiative, part of the INZIO wellness series, aimed to promote both physical and mental well-being among students. A total of 35 students participated in the program. The faculty coordinators were **Dr. Archana J. Satheesh** and **Ms. Nimisha Anna Jacob** from the Department of Civil Engineering, and **Dr. Deepak Raj** from the Department of Physical Education. **Mr. Kiran Biju** from the Department of Computer Science served as the student coordinator.

## FDP ATTENDED

**Mr. Shon J. Das** and **Ms. Jisha Jose**, Assistant Professors, Department of Computer Science and Engineering, completed a Faculty Development Program on “Exploring IoT in the Digital Era: From Smart Devices to Intelligent Systems” held from 9 to 18 June 2025. The FDP was organized by the E & ICT Academy, NIT Warangal, in association with IIIT Kottayam, and sponsored by the Ministry of Electronics and Information Technology (MeitY), Government of India.

## ECOCANVAS – CANVAS OF CHANGE, COLORS OF HOPE!

CSI Student Branch, MBCET, in association with the Department of Computer Science and Engineering, organized EcoCanvas, a poster-making competition held in online mode from 5–13 June 2025. With the theme “*Blending Nature with Innovation*”, the event showcased vibrant student creativity in both **digital** and **hand-drawn** categories. Winners GreenBrush Laureate (Hand-drawn):

- First Prize: **Mr. Avin Joy** (S4 CS)
  - Second Prize: **Ms. Devika D. V.** (S2 CE)
- GreenPixel Maestro (Digital):
- First Prize: **Mr. Josh Jacob Sunil** (S2 CT)
  - Second Prize: **Ms. Vedha Mahadevan** (S4 CS)

## FACULTY AS RESOURCE PERSONS

**Ms. Lino Zachariah** and **Dr. Neena Raj N. R.**, Assistant Professors, Department of Computer Science and Engineering, served as resource persons for the Short-Term Training Programme (STTP) on “Bridging Civil Engineering and AI: From Basics to Advanced Applications” organized by the Department of Civil Engineering, MBCET on 9 June 2025.

## WORLD ENVIRONMENT DAY 2025 – “ഭൂമിക്കൊരു ഔഷധക്കൂടം”



As part of the World Environment Day celebrations on 5 June 2025, the Nature Club (Prakruthi) of Mar Baselios College of Engineering and Technology (MBCET), in association with the Rotary Club of Suburban Trivandrum and the Susrutha Charitable Medical Trust, organized a medicinal plant sapling drive on the college campus. Around 50 varieties of medicinal plants were planted during the event, reinforcing the institution’s commitment to sustainability, biodiversity, and environmental stewardship. The event was graced by **Fr. John Varghese Palanilkunnathil**, Director and **Dr. S. Viswanatha Rao**, Principal, along with officials from the Rotary Club of Suburban Trivandrum and the Susrutha Charitable Medical Trust. Deans, Heads of Departments, faculty members, staff, and students actively participated in the initiative. This green effort aimed not only to beautify the campus but also to raise awareness about the ecological and medicinal value of native plant species. The event was coordinated by **Dr. Jaya S. Pillai** from the Department of Civil Engineering and **Ms. Lekshmi I.** from the Department of Science and Humanities.







## WEBINARS ATTENDED

- **Ms. Neetha Chandran and Ms. Revathy K. P.** (Assistant Professors, EED):
  - Participated in the **Webinar on 'Communication/5G'**, organized by the Department of Electronics & Telecommunication Engineering, Symbiosis Institute of Technology, Pune – 10 June 2025.
  - Participated in the **Webinar on Energy Storage Devices**, organized by the same department, along with **Mr. Ayush Vijayan**, Assistant Professor, EED – 13 June 2025.
  - Completed a **One-Day Session on "Introduction to Python Programming for Data Science"**, organized by ASAP Kerala in association with 360DigiTMG – 31 May 2025.
  - Attended a **Five-Day Online FDP on "Exploring AI Applications through MATLAB: From Image Processing to Generative AI"**, organized by the Department of AI & DS, Jyothi Engineering College, in association with CoreEL Technologies and MathWorks – 19 to 23 May 2025.
- **Dr. Anil J.** (Assistant Professor, EED) participated in the **Online Refresher Course for Teachers**, jointly organized by Mar Theophilus Training College, Nalanchira, and AIRIO Global – 30 to 31 May 2025

## ASSISTIVE TECHNOLOGY INTERNSHIP WORKSHOP



Assistive Technology internship workshop organised in association with IEEE- EMBS was conducted from 9 to 20 June 2025. 35 students participated in the workshop. Coordinators: **Mr. Aswin R. B.**, Assistant Professor (EED) and **Dr. Veena Nair**, Assistant Professor (S & H)

## CAMPUS CONNECT: STRENGTHENING INDUSTRY TIES WITH EY GDS (INDIA)

As part of the Anchor Program initiative, **Dr. Merlin George**, In-charge Placement Officer, visited EY GDS (India) on 13 June 2025.

The visit marked a significant step in strengthening the relationship between the college and EY GDS, aligning with the company's strategic focus on building long-term partnerships with academic institutions. Discussions centered around potential collaborations, internship opportunities, and initiatives aimed at preparing students for evolving industry demands.

## PLACEMENT UPDATES

## SPANDANAM ACTIVITY



On the occasion of school reopening, Spandanam, the social service wing of the Department of Electronics and Communication Engineering (ECE), organized a thoughtful outreach activity on 30 May 2025. As part of the initiative, school bags were distributed to 16 children of the college's housekeeping staff, reflecting the department's commitment to compassion and community care.



**NUMBER OF STUDENTS  
PLACED - 1**



**GEORGY VARGHESE**  
ME





# 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)

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**Design & Layout:** Abey E. Mathews (ITMS)

Published by Mar Baselios College of Engineering and Technology, Mar Ivanios Vidyanagar, Nalanchira, TVM - 695015

