



**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



**MBCET**  
Bulletin



## PRINCIPAL'S MESSAGE

Blood donation is a critical act of compassion and generosity, offering a life-saving resource for individuals in need and contributing to the overall health and well-being of society. It is a simple yet profound act that can make a real difference in the lives of those who require blood transfusions due to accidents, surgeries, chronic illnesses, or cancer treatment. In addition, according to studies, regular blood donation can be a proactive measure for the donor too for maintaining good health, as it helps to reduce iron overload. Voluntary blood donation is a testament to individual compassion and a powerful way to contribute to the well-being of the community by ensuring that blood is available when it is needed most. The NSS units of the College organise a number of camps every year in support of this noble cause. On 14 June, the world celebrates World Blood Donor Day, with the theme 'Give blood, give hope: together we save lives'. In addition to creating awareness of the need for safe blood the day is a global tribute to the millions of voluntary blood donors who give others a second chance at life.

**Dr. S. Viswanatha Rao**

## BEST PAPER AWARD



The paper titled "Aqua Cleanse: A Smart Solution for Waterway Waste Management Using Hybrid CNN-RNN with Spatial LSTM for Multilabel Image Classification" authored by **Mr. Abhinav Dev V. M.**, **Mr. Karthik Raj** (S7 CS1, Dept. of CSE) & **Dr. Anne Dickson** (Associate Professor & A-HoD, Dept. of CSE) was presented at RECYCLE 2025 – 5th International Conference, hosted by IIT Guwahati on 5 and 6 June 2025, and won the Best Research Paper Award.

**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.

## WORLD ENVIRONMENTDAY 2025

### Environment Cell Celebration



As part of World Environment Day 2025, the Environment Cell of Mar Baselios College of Engineering and Technology (MBCET) organized a sapling



planting program on 5 June, near the Thakshashila Block. The event embraced this year's global theme "Plant a Sapling & Keep Earth Sparkling", and promoted the message #BeatPlasticPollution. The



program commenced with inspiring messages from **Dr. S. Viswanatha Rao**, Principal and **Fr. John Varghese Palanilkunnathil**, Director; both of whom emphasized the importance of sustainability and the urgent need to act against environmental degradation. Faculty members, staff, and students enthusiastically participated in the program by planting saplings and pledging to contribute to a greener and cleaner planet. During the event, the faculty and student members of the Environment Cell shared their vision and future action plan to encourage every student in the college to plant at least one tree, promote sustainable habits and reduce plastic usage on campus, take responsibility for maintaining the bird bath installed in the college. The event was coordinated by **Dr. Nidhi M. B.**, Prof MED and Co-ordinator Environment cell MBCET, **Ms. Jayalakshmi**, APCS and Secretary Environment cell, **Mr. Balamurali**, Member Environment Cell, MBCET along with Members of Environment Cell.



## IEEE PES - CELEBRATIONS

Environment Day celebrations were conducted at Govt. LPS School, Pangod, Thiruvananthapuram under the leadership of the IEEE PES Kerala Chapter. The event was presided over by **Dr. Bobby Philip** (Chairperson), and the inauguration was carried out by **Dr. Ajith Gopi** (Immediate Past Chair). The Headmistress, **Mrs. Girijakumari**, delivered an inspiring Environment Day message, and representatives from the IEEE Travancore Hub conducted an informative awareness session for the students. The initiative was spearheaded by several colleges including College of Engineering Trivandrum (CET), Mar Baselios College of Engineering and Technology (MBCET), and Sree Chitra Thirunal College of Engineering (SCTCE). From MBCET, **Akshay Kumar P.** and **Bhadhra G. Nair** actively participated.



## FDP ATTENDED

**Mr. Anand Haridas**, Asst. Professor, Dept. of CSE, successfully completed the FDP on "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 14 to 18 April 2025.

## SERVED AS SESSION CHAIRS

- **Dr. Neena Raj N. R.**, Assistant Professor, Dept. of CSE served as Session Chair on 24 May 2025 for 6th IEEE International Conference on Control, Communication and Computing-ICCC25, organized by College of Engineering, Trivandrum.
- **Dr. Jesna Mohan**, Associate Professor, Dept. of CSE served as Session Chair on 25th May 2025 for 6th IEEE International Conference on Control, Communication and Computing-ICCC25, organized by College of Engineering, Trivandrum

## WEBINARS ATTENDED

**Ms. Neetha Chandran** and **Ms. Revathy K P** participated in the Webinars on "Application in Embedded Systems in Automotive Industry" and on "IoT" organized by the Department of Electronics & Telecommunication Engineering, Symbiosis Institute of Technology, Pune on 2 and 6 June 2025.

## NPTEL COURSE COMPLETED

**Dr. Neethu Roy** and **Dr. Jisha S. V.** completed the 8 week NPTEL course on "The Science of Happiness and Wellbeing" conducted by the Indian Institute of Technology Kharagpur

## ASAP LAUNCHES IT INDUSTRY COURSE WITH SCHOLARSHIPS – MBCET STUDENTS TAKE LEAD



In a significant initiative to nurture young talent and promote IT education, **ASAP** (Additional Skill Acquisition Programme) has launched a comprehensive course on the IT industry, which commenced on 29 May 2025. The course covered topics such as Programming Languages, Version Control, Cyber Security and Cloud Computing. The course is supported by a 75% scholarship funded by the Rotary Club, benefitting 30 students. Notably, 25 out of the 30 scholarship recipients are students from Mar Baselios College of Engineering and Technology (MBCET), reflecting the institution's strong emphasis on skill development and academic excellence.

## PUBLICATION

Fabrication of high-performance infrared-transparent 8YSZ nanoceramics through auto combustion powder synthesis followed by resistive-heating assisted microwave sintering. **Steffy Maria Jose, Lakshmi J. S., Rini Varghese, Jijimon K. Thomas** doi:10.1088/1742-6596/2995/1/012010.

## RESEARCH PAPER PRESENTED

**Ms. Lekshmi I.**, Assistant Professor, S&H presented a paper titled 'A Dam Rehabilitation Model Based on F-NoVaRM (A Case Study -Neyyar Gravity Dam, India)' in the 2nd International Conference on Applied Mechanics and Optimization which was held from 29 to 31 May 2025 organized by the Department of Mechanical Engineering, MBCET.







## SHORT TERM TRAINING PROGRAMME

The inauguration of the Short Term Training Programme (STTP) on “Bridging Civil Engineering and AI: From Basics to Advanced Applications” was held on 9 June 2025, at Laurie Baker Seminar Hall, Department of Civil Engineering. The session commenced with a welcome address by the organising chair, **Dr. Jisha S. V.**, Associate Professor and Head, Department of Civil Engineering. **Ms. Ansu Mathew**, Assistant Professor and Coordinator of the STTP, presented an overview of the training programme.

The Presidential Address was delivered by **Dr. S. Viswanatha Rao**, Principal. The ceremonial lighting of the lamp was followed by the inaugural address delivered by the Chief Guest, **Dr. Bejoy Abraham**, Joint Director (Academic) of APJ Abdul Kalam Technological University, who highlighted the growing intersection of AI and Civil Engineering.

**Fr. John Varghese Palanilkunnathil**, Director, offered the felicitation and honoured the Chief Guest. The session concluded with a vote of thanks by **Ms. Rintu Johnson**, Assistant Professor and Coordinator of the STTP.

## BASKETBALL STATE CHAMPIOSHIP



**Ryan Mathew Manual S5 EL**, **Ashish E S5 CT** & **Rohan P. C. S5 ME** Participated in the U-23 Kerala State 3x3 Basketball Championship held at RSC Kadavanthra representing Trivandrum District. They secured Second place in the Tournament.

## PLACEMENT UPDATES

# HCLTech

### NUMBER OF STUDENTS PLACED - 3



**RAHUL GEORGE PAUL**  
ECE



**VINISHA S**  
ECE



**ANN MARY BIJU**  
ECE

# SOCIUS

Innovative Global Brains

### NUMBER OF STUDENTS PLACED - 10



**ADITYA S**  
ECE



**NAMITA NAIR**  
CSE



**AMULYA KANDATHIL**  
CSE



**LEKHA R**  
ECE



**VAISAKH S**  
CSE



**GAYATHRI S**  
CSE



**ATHUL V S**  
EEE



**GOPIKRISHNAN K**  
EEE



**JITHIN G S**  
ECE



**KAROL MONSY**  
CSE



Training & Placement Unit  
Mar Thoma College Of Engineering and Technology





# 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

