MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

MBCET Bulletin

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

@officialmbcet

PRINCIPAL'S MESSAGE

Organizing International Conferences is significant for promoting global collaboration, knowledge sharing, and professional development across diverse fields. Conferences provide a platform for researchers to present their work to a wider audience, including peers and experts in their field. They set-up excellent networking opportunities, allowing researchers to connect with other professionals in their field and build relationships. In addition, participation in Conferences offer a valuable opportunity to learn about the latest research, trends, and developments in a particular field. Presenting at conferences helps researchers refine their communication and presentation skills. Conferences can lead to collaborations with other researchers, expanding research scope and expertise. Broadband '08, the very first Conference in MBCET, was organised jointly with IEEE in the year 2008 and subsequently the College has been organising International Conferences on a regular basis. This year ICAMeO, the International Conference on Applied Mechanics and Optimisation is being held during this week from 29-31, with a wide range of topics that are inherently interdisciplinary. This regular process would act as a catalyst for our faculty and students to remain continuously updated in the technical field and thus contribute meaningfully to its advancement.

Dr. S. Viswanatha Rao

MOU SIGNING BETWEEN MBCET & INTERNATIONAL IOT COMMUNICATION TECHNOLOGIES PVT. LTD

MBCET has signed an MoU with International IoT Communication Technologies (IICT) Pvt. Ltd on 26 May 2025. IICT – International IoT Communication Technologies GmbH, is a deep-tech spin-off company founded from the ivESK Research Institute, Germany. IICT presents a Lab as a Service (LaaS) model for MBCET, which can be later used for delivering advanced training in AIoT(Artificial Intelligence of Things), Embedded AI, and future communication networks such as 5G, IoT, LPWAN technologies and its usecase development through structured hybrid training labs.

JOURNAL PUBLICATION

Lakshmi J. L., Assistant Professor, Department of ECE, and Jayakumari J., Professor, Department of ECE and International Liaison Officer, MBCET, authored the paper titled "Optimized Belief Propagation Decoder Using One's Complement Processing Element for Polar Codes in 5G NR," as published in the journal National Academy Science Letters (2025, SCIE Indexed).

INTERNATIONAL CONFERENCE INAUGUATED

The 2nd International Conference on Applied Mechanics and Optimization was held in hybrid mode on 29, 30, and 31 May 2025. **Dr. V. Ashok**, Former Assoc. Director, VSSC, ISRO inaugurated the conference on 29 May 2025. **Mr. Sreekumar V.,** Centre Head, Tata Elxi Trivandrum, the Guest of Honour gave the keynote address. **Dr. Sameen A.**, Professor in Aerospace Engg, IIT Madras, **Dr. Abhilash Suryan** Assoc. Prof. in ME, CET, **Dr. Kinga Koronie Jentko**, Assoc,. Prof., Cracow University of Technology, Poland and **Dr. David N. V.** Assoc Prof. in ME, University Technology MARA, Malaysia were the Resource Persons.

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.

PARTICIPATED AS ACADEMIC EXPERT MEMBER

Dr. Jayakumari J., Professor, Dept. of ECE and International liaison officer, MBCET participated as academic expert member in the second Board of Studies meeting of department of Electronics and Communication Engineering, Stella Mary's College of Engineering (Autonomous), K.K district, Tamil Nadu on 26 May 2025.

KEYNOTE ADDRESS AND SESSION CHAIRING

Dr. Jayakumari J., Professor, Dept. of ECE and International liaison officer, MBCET delivered a keynote address entitled "Intelligent reflecting surface aided millimeter wave communication for 6G" and Chaired a Technical Session during the International Conference on Sustainable Aspects in Engineering Technology, Management and Science organized by Udaya School of Engineering, Vellamodi during 22-23 May 25.

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 25 May 2025 for *6th IEEE International Conference on Control, Communication and Computing-ICCC25*, organized by College of Engineering, Trivandrum.

MINI PROJECT PRESENTATION

As part of the elective course Modern Illumination Control in Semester 6 of the Electrical and Computer Engineering program, a **Mini Project Presentation** was held on 26th May 2025 at Faraday Hall. The session was coordinated by **Ms. Revathy K. P.**, Assistant Professor, EED.

STAFF CLUB SPORTS

The Annual Sports Meet for the staff Members was held from 19 to 28 May 2025. Competition in various events were held on these days.

INTERNATIONAL WOMEN'S HEALTH DAY

An Awareness Talk on Lifestyle Diseases was given by **Dr. Meera B. S.**, Consultant at DDRC AGILE Pathlabs, Trivandrum on 28 May 2025. The talk was co-ordinated by **Ms. Sabitha S. Nair** and **Ms. Manju Sreekumar** on behalf of the staff Club.

CATALYST IEDC AT FIGMA CONFIG '25 WATCH PARTY

On 10 May 2025, Friends of Figma: Thiruvananthapuram hosted the Figma Config '25 Watch Party at CareStack – Good Methods Software Solutions Pvt. Ltd., Technopark Phase 3. The exclusive event brought together design professionals and enthusiasts to stream the global conference from San Francisco and London.

Catalyst Mar Baselios IEDC & TRIBE proudly represented the student community, with attendees **Agnivesh P. S.** (S4 CS1), **Sabareesh P. R.** (S4 CS1), **Devika S. H.** (S4 CS1), **Gayathri Girish** (S2 CS2), **Ganga B. Nair** (S2 CT), and **Sunny Abraham Mathew** (S2 EL). The team engaged with top design leaders like **Vignesh I.** (Air India), **Abhishu Roy** (Oracle), and **Sivaprasad Paliyath** (IBM), gaining valuable insights into the world of product and UX design.

Catalyst TRIBE also served as the official community partner of the event, marking a proud moment for the college's growing presence in the design ecosystem.
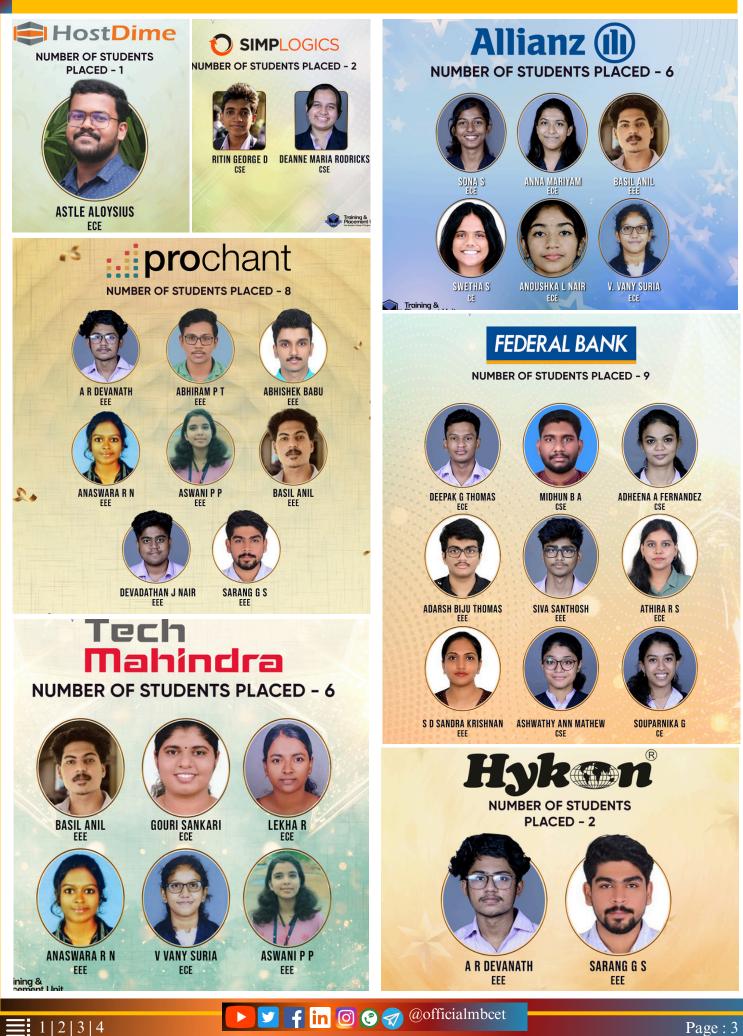
FDP ATTENDED

Mr. Arun J. S., Asst. Prof., ECED, and Dr. Veena Nair, Asst. Prof. (S&H), completed a Faculty Development Program on "Engineering Entrepreneurship and IPR" organized by APJ Abdul Kalam Technological University in association with Kerala Startup Mission (KSUM) and Udhyam Learning Foundation from 5 to 26 March 2025.

PAPER PRESENTATION

The paper titled "*Enhancing Stroke Recovery: Rehabilitation using MRI and Predictive Modelling*" authored by **Ms. Anna G. Samuel**, **Ms. Angel T. John**, **Ms. Anna Biju Abraham**, **Ms. Vismaya C. P.** (2021-2025 batch, Dept. of CSE) & **Dr. Jisha John** (Professor & HoD, Dept. of CSE) was presented at the *6th IEEE International Conference on Control, Communication and Computing-ICCC25*, organized by College of Engineering, Trivandrum held during 23rd - 25th May 2025.

PLACEMENTS

HostDime
NUMBER OF STUDENTS PLACED – 1

ASTLE ALOYSIUS
ECE

SIMPLOGICS
NUMBER OF STUDENTS PLACED – 2

RITIN GEORGE D
CSE

DEANNE MARIA RODRICKS
CSE

prochant
NUMBER OF STUDENTS PLACED – 8

A R DEVANATH
EEE

ABHIRAM P T
EEE

ABHISHEK BABU
EEE

ANASWARA R N
EEE

ASWANI P P
EEE

BASIL ANIL
EEE

DEVADATHAN J NAIR
EEE

SARANG G S
EEE

Tech Mahindra
NUMBER OF STUDENTS PLACED – 6

BASIL ANIL
EEE

GOURI SANKARI
ECE

LEKHA R
ECE

ANASWARA R N
EEE

V VANY SURIA
ECE

ASWANI P P
EEE

Allianz
NUMBER OF STUDENTS PLACED – 6

SONA S
ECE

ANNA MARIYAM
ECE

BASIL ANIL
EEE

SWETHA S
CE

ANOUSHKA L NAIR
ECE

V. VANY SURIA
ECE

FEDERAL BANK
NUMBER OF STUDENTS PLACED – 9

DEEPAK G THOMAS
ECE

MIDHUN B A
CSE

ADHEENA A FERNANDEZ
CSE

ADARSH BIJU THOMAS
EEE

SIVA SANTHOSH
EEE

ATHIRA R S
ECE

S D SANDRA KRISHNAN
EEE

ASHWATHY ANN MATHEW
CSE

SOUPARNIKA G
CE

Hykon
NUMBER OF STUDENTS PLACED – 2

A R DEVANATH
EEE

SARANG G S
EEE

ADMISSIONS 2025

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

Code
MBT

NBA Accredited Programmes

Programme	Seats
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

Programme	Seats
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

Programme	Seats
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

NATIONAL BOARD OF ACCREDITATION

G20

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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