DIRECTOR'S MESSAGE

Seasonal Greetings!

The Year 2025 draws to a close and we at MBCET gather to celebrate the Christmas season. Let's have a moment to pause, reflect and express love and gratitude we have shared as a college community. Since we are engaged in education and human development Christmas invites us to reflect on hope, peace, generosity and renewal.

Dear students, this season comes after months of dedication learning and perseverance. Then Christmas offers an opportunity to rest, reconnect with loved ones, and renew your sense of purpose. May this season remind you that growth is a process, and every effort you make contributes to the future you are building.

I extent my sincere wishes to our faculty and staff who shape the minds, inspire character and create an environment where learning and innovation flourish. During this Christmas season, I make this opportunity to acknowledge the impact of your work and to thank you for the patience, care and excellence you bring to this institution every day.

I am happy to tell you all that Christmas encourages us to extent kindness, practice compassion and support one another. As a college community made up of diverse backgrounds, cultures and beliefs, this season reminds us of the strength found in mutual respect and shared community.

As we look ahead, may the new year bring renewed energy, fresh opportunities and continued success for our students and staff.

On behalf of the college leadership, our Bursar and Principal, we wish you a joyful X'mas filled with peace, hope and happiness.

Merry X'mas and best wishes for a prosperous New Year!

Fr. John Varghese

ALUMNI TALK

As part of developing ideation and entrepreneurship skills for S2 Professional Course, an alumni session was conducted by **Ms. Aswani P. P. (EEE)** and **Mr. Jobin P. (CE)** from Civitric Solutions on 25 November 2025 and 04 December 2025 for EE and CE students.

STUDENT ACHIEVEMENT

Abhav R. Nair, S6EL chaired the World Bank Committee at the 6th edition of Entre Model United Nations (MUN) 2025, held from 10 to 13 December 2025 at IIT Bombay, as part of E-Summit by E-Cell, Indian Institute of Technology, Bombay. The World Bank Committee hosted **Abhav R. Nair** (Chairperson), **Subrat Lamichhane** (Vice Chairperson) from Nepal MUN Circuit and some of the most competitive delegates from the Mumbai MUN circuit, driving rigorous, policy-focused debate on international economic challenges.

"BEST SOCIALLY RELEVANT AND STARTUP PROJECT" AWARD

Karthik Raj, **Stevin Santhosh Baby**, **Adarsh Udayakumar** and **Gagan G. Kurup** of MBCET received the "Best Socially Relevant Startup Project" award for their project on converting waste cooking oil into biodiesel with an embedded system at Hack Arti Thon, conducted in coordination with AISSPACE, Aluva, Ernakulam.

INTRODUCTION TO CYBER FORENSICS BOOTCAMP

A three-day Introduction to Cyber Forensics Bootcamp was successfully conducted from 10 to 12 December 2025 at MBCET. The bootcamp was led by experts from ALIBI, with **Dr. Sunil** and his team serving as the resource persons. The program witnessed enthusiastic participation throughout all three days. The event was coordinated by **Ms. Indu V.** and **Ms. Neethi Narayanan**, Asst. Prof., CSE. A Capture the Flag contest was conducted to assess the participants' practical understanding and problem-solving skills in cyber forensics.

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.

NATIONAL BOOTCAMP ON IOT FORENSICS

C-DAC, in collaboration with MBCET, organized a five-day National Bootcamp on IoT Forensics from 08 to 12 December 2025 with support from the ISEA Phase III project of MeitY. Sessions were handled by experts from MeitY, CERT-In, Kerala Police Cyberdome, Drone Forensics Lab and Ai Drone Pvt. Ltd. Thirty engineering students from seven institutions across the country participated in the programme.

The bootcamp was inaugurated by **Ms. Tulika Pandey**, Scientist-G, MeitY, in the presence of **Fr. John Varghese Palanilkunathil**, Director, MBCET; **Dr. Koshy Issac Punnamoottil**, Bursar, MBCET; **Dr. S. Viswanatha Rao**, Principal, MBCET; **Dr. Jisha John**, HoD, CSE; and C-DAC officials. The valedictory session was addressed by **Dr. Ch. A. S. Murty**, Director, C-DAC Kolkata. Faculty coordinators were **Dr. Tessy Mathew**, Professor, and **Ms. Gauri Shree V. K.**

FACULTY DEVELOPMENT PROGRAMME

Dr. Nisha G. K., Professor, EED, **Ms. Shyju Susan Mathew**, **Ms. C. Sojy Rajan** and **Ms. Surasmi N. L.**, Assistant Professors, EED attended 6 days FDP on E Mobility and Prospects of Green Hydrogen organized by Muthoot Institute of Technology and Science from 08 to 13 December 2025.

FACULTY TRAINING PROGRAMME

Dept. of EEE in association with Bimlabs Global organized 02 days Faculty Training Programme on Hands on with Autodesk Fusion 360. The resource person was Mr. Prijith P., Head–Partnership Business, Bimlabs Global. The event was coordinated by **Mr. Aswin R. B.**, Asst. Prof., EED.

HANDBALL STATE CHAMPIONSHIP

Ajay Suresh B., S1ME represented Trivandrum District in the 53rd Senior Men's Handball Kerala State Championship 2025–26 and secured 3rd position. The championship was held at Government Higher Secondary School, Edapally.

UNIVERSITY TENNIS TEAM

Pavan S., S1EE and **Aravind Ajay**, S7ME were selected to the University Men's Team. The Inter-University Competition will be held at JAIN University, Bangalore from 25 to 29 December 2025. Aravind Ajay has been selected for the 3rd time as the Captain of the University Team.

TENNIS MEN'S CHAMPIONSHIP

MBCET Tennis Men's Team lifted the Champions Trophy for the 3rd consecutive time. The competition was held at Lal Bahadur Shastri Corporation Stadium, Kollam, organized by TKM Engineering College.
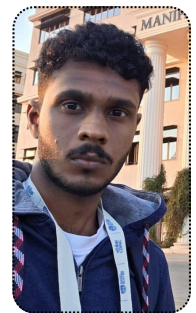
THREE-DAY ONLINE WORKSHOP ON "POWER BI"

The Dept. of Computer Science, in association with the Centre for Computational Intelligence and Cyber Security and the MERP Systems India Centre for Excellence, organized a three-day online workshop on Power BI from 10 to 12 December 2025. The sessions were conducted by **Ms. Aruna Roy** and **Ms. Avina Varghese**, Software Applications Developers, MERP Systems India Centre for Excellence. Thirty-two participants attended the workshop. The workshop was coordinated by **Ms. Krishna L.**, Asst. Prof., Dept. of Computer Science, MBCET.

ATTENDED DEVELOPER WORKSHOP ON FRUGAL AI

Adithya P., S5CS2 participated in the Developer Workshop on Frugal AI conducted as part of Supercomputing India 2025 on 10 December 2025 at Manipal Institute of Technology, Bengaluru Campus. The workshop featured expert-led sessions by Intel and the EkStep Foundation.

FDP ATTENDED

- **Ms. Gayathri K. S**, **Ms. Anjali S**, **Ms. Prathibha S. Nair** and **Ms. Vijitha Robinson**, Asst. Prof., CSED participated and completed the AICTE ATAL FDP on Next-Gen Intelligence: HPC, Applied AI and Data Science at Toc H Institute of Science and Technology from 08 to 13 December 2025.

- **Ms. Deepthi K. Moorthy**, Asst. Prof., CSED attended an online FDP on Machine Learning Foundations from 24 to 27 November 2025 hosted by Mohandas College of Engineering and Technology.
- **Ms. Lino Zachariah**, **Ms. Deepthi K. Moorthy**, **Ms. Krishna L**, **Ms. Neethi Narayan**, **Ms. Vinitha V. K**, **Ms. Jayalekshmi J** and **Ms. Indu V**, Asst. Prof., CSED participated in the Six-Day FDP on Deep Learning for Text, Vision and Emerging Multimodal Systems conducted by the Dept. of Electrical and Computer Engineering, Toc H Institute of Science and Technology, Arakkonam, Ernakulam in collaboration with ICFOSS from 01 to 06 December 2025.

PAPER PRESENTATION

Ms. Diana Mathew, Asst. Prof., CSED presented the paper titled "XAI-Guided Gene Prioritization: A Boruta-XGBoost-SHAP Framework for Ovarian Cancer Biomarker Discovery" in the International Conference on Artificial Intelligence for Health Care (AIHC 2025) held from 10 to 12 December 2025 at NIT Calicut.
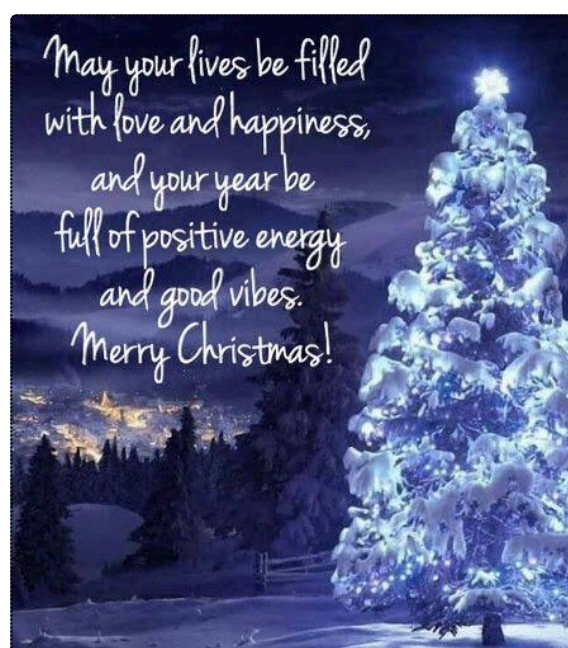
IET KKLN AWARDS

IET MBCET received the IET KKLN Dynamic Student Chapter Award at the 11th AGM and Award Ceremony of IET Kanyakumari Local Network held at Antalya Island Resort, Poovar. **Dr. Soumya A. V.**, Asst. Prof., EEE received the Outstanding Volunteer Award on the occasion. She was elected the Honorary Secretary of IET.

NEXORA LOGO LAUNCH

The logo launch of NEXORA, the 24th ISTE Annual State Students' Convention, organised by ISTE MBCET, was held on Tuesday, 16 December 2025. The Chief Guests, **Syam Mohan M. S.** and **Arjun S. Kulathingal**, distinguished alumni of MBCET graced the occasion, along with **Rev. Fr. John Varghese Palanilkunnathil**, Director, **Rev. Dr. Koshy Issac Punnamoottil**, Bursar, and

Dr. S. Viswanatha Rao, Principal. Faculty members including **Dr. Nidhi M. B.**, **Ms. Asha S.**, **Dr. Soumya A. V.**, **Mr. Melvin Jacob**, and **Dr. Jishnu Chandran** were present along with other faculty members, and the programme concluded with the presentation of mementos to the Chief Guests by the Principal and the Bursar.

VISION BEYOND THE SIGHT

The "Vision Beyond the Sight" AI Expo and Interactive Session, organized on 17 December 2025 by the Kerala Federation of the Blind Youth Forum in association with RCG Foundation and MBCET, was conducted as part of World Disability Day observance. The programme aimed to sensitize engineering students to the technological needs and challenges of persons with visual impairment. The AI Expo and Assistive Technology Exhibition held at the Amenity Centre showcased various assistive devices, applications, and accessibility tools, highlighting their possibilities and limitations. This was followed by an interactive session at Senatus Hall with selected students. 51 members attended the interactive session. Organising Team: **Dr Deepak Raj**, HoD, Phy. Education and Faculty Members of Assistive Technology group, MBCET.

CHRISTMAS GREETINGS!

May your lives be filled with love and happiness, and your year be full of positive energy and good vibes. Merry Christmas!

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