



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.

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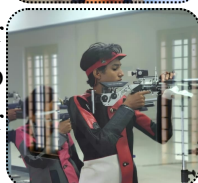
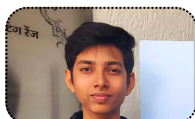
PRINCIPAL'S MESSAGE

The United Nations (UN) remains a vital player in global governance, addressing pressing issues like peacekeeping, human rights, sustainable development, and climate change. Its peacekeeping missions have been instrumental in stabilizing conflict-ridden regions, while specialized agencies like the World Health Organization (WHO) and United Nations Development Programme (UNDP) drive progress in healthcare and economic development. World UN Day is celebrated on October 24, marking the anniversary of the United Nations Charter coming into effect in 1945. It's a day to recognize the UN's efforts in promoting peace, security, and cooperation globally. The UN's Sustainable Development Goals (SDGs) provide a framework for global development, focusing on poverty reduction, education, and environmental sustainability. However, as seen in many reports in recent years, the United Nations (UN) faces numerous challenges in its efforts to promote peace, security, development, and human rights worldwide. Some of these key challenges include Geopolitical Divisions, Inefficacy of the Security Council and Funding and Resource Constraints among many others. To overcome these challenges, the UN must undergo reforms, including Security Council reform, increased funding, and enhanced cooperation among member states.

Dr. S. Viswanatha Rao

SPORTS UPDATES

Abhinav Krishna (S1ME) has been selected to represent Kerala Technical University in the 10 meter Air Rifle Men's category at the All India Inter University Shooting Championship scheduled to be held in Meerut, Uttar Pradesh, from 01 to 05 Dec 2025.



MBCET RECEIVES NBA TIER-I ACCREDITATION



Five B.Tech programmes — Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, and Mechanical Engineering — have been accredited by the National Board of Accreditation (NBA) under Tier-1, for the period 1st July 2025 to 31st December 2028.

PAPER PUBLICATION

Ms. Jisha Jose (Asst. Prof., Dept. of CSE), **Mr. Niyas K. Haneefa** (Assistant Professor, Dept. of ECE), **Ms. Maushmi Rajesh**, **Mr. Advait Krishna Karanavar**, **Mr. Salah Ahammed**, **Mr. Abid Noushad Humam** (2025 Passout Batch) published a paper titled "Moodulator: An Integrated IoT and Chatbot Solution for Stress Management" in the IEEE Explore Proceedings, on 10 October 2025.

INFOSYS SPRINGBOARD CERTIFICATION

Ms. Prathibha S. Nair (Asst. Professor, Department of CSE), successfully completed the course "Deep learning Tutorials" offered by Infosys springboard.

WORKSHOP ON 'JAVA DEVELOPMENT- AN INDUSTRY APPROACH'

The Department of Computer Science, in association with IEEE CS and CSI, organized an OBE workshop on "Java Development – An Industry Approach" on 15 and 16 October 2025.

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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.



Workshop on Java

Continuation from p1



The session for S3 CS1 students was held on 15th October 2025 at Software Lab 1 and was handled by **Mr. Shibin Shibu**, Associate Software Engineer, Experion Technologies. On the same day, a session was conducted for S3 CT students at the AI Lab by **Mr. Sam Peter**, Associate Software Engineer, Litmus7. The workshop for S3 CS2 students was conducted on 16 October 2025 at Software Lab 1. The session was led by **Ms. Roopa Panicker**, Scientist E, CDAC Trivandrum. Co-ordinators: **Ms. Lino Zachariah**, **Ms. Krishna L.**, and **Ms. Neethi Narayanan**, Assistant Professors, Department of Computer Science and Engineering.

INVITED TALK ORGANISED



An invited talk on “VEGA Processors” was organised by the VLSI and Embedded Systems Research Group, Department of ECE, on 08 October 2025, for S5 ECE students enrolled in Programme Elective 1 - Computer Architectures. The speaker of the session was **Mr. Libin T. T.**, Associate Director & Scientist F, C-DAC, Thiruvananthapuram.

CROCHET: UNRAVEL STRESS AND CREATE SOMETHING BEAUTIFUL



The **ASCE Student Chapter** of the **Department of Civil Engineering** organized a workshop titled “Crochet: Unravel Stress and Create Something Beautiful” on **11 October 2025**. The session, conducted by **Prof. Dr. Manju Dominic**, Prof. in CE introduced faculty and students to crochet as a creative and relaxing activity.

EXPERT TALKS

- An expert talk session on the topic “**Control Systems in Electric Vehicles: Concepts, Challenges, and Real-World Applications**” was conducted for the S7 Electrical and Computer Engineering students on 16 October 2025 as part of their Control Systems course. The resource person was **Dr. Nisha G. K.**, Professor, Department of Electrical and Electronics Engineering, MBCET.
- The **Power Electronics Research Group**, Department of Electrical and Electronics Engineering organized the following Expert Talks: a) “**Power Electronics Applications in Renewable Energy Sector**” on 17 October 2025 for fifth semester Electrical and Electronics Students. 56 students attended the session. The Session was handled by **Mr. Akash B.**, R & D Engineer, Hykon India Ltd. b) “**Energy management Strategies in Smart Grid**” on 17 October 2025 for Seventh Semester Electrical and Electronics Students. The Session was handled by **Dr. Pretty Tom**, HoD, Department of Electrical and Electronics Engineering, Bishop Jerome Institute of Technology, Kollam.

FOOD DONATION DRIVE

Chirag – The Social Service Organization of Illumina, association of Dept of EEE, in coordination with NSS, conducted a **Food Donation**



Drive on 16 October 2025. 500 food packets were distributed at RCC and Rs 2800 was donated to a deserving minor cancer patient.

UPCOMING EVENT

The VLSI & Embedded System Research Group, Dept. of ECE, is organizing a Five-Day offline FDP on “**VLSI Design and Verification: A Hands-on Approach (VDV'25)**” from 10 to 14 November 2025 at MBCET. The programme offers a blend of theoretical sessions and practical training using Cadence and MathWorks tools. Faculty and Research Scholars from the ECE and related disciplines are eligible to apply. **Registration Fee:** ₹1500 | **Deadline:** 03 Nov 2025 | **Register here:** [\[https://tinyurl.com/FDP-VDV2025\]](https://tinyurl.com/FDP-VDV2025)

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