



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.

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BCET
Bulletin



PRINCIPAL'S MESSAGE

Climate Change and disaster risks are fundamental threats to sustainable development, the living and health conditions for all humans worldwide. World Environment Health Day was founded by the International Federation of Environmental Health (IFEH) in 2011 to focus on the importance of caring for the health of our environment and is being celebrated on 26th of September every year. The theme for this year is “Environmental Health: Standing with Science to Protect Communities.” Environmental health focuses on how environmental factors affect human health and well-being. Key areas of concern include Air Quality, Water Quality, Chemical Exposure, Waste Management, and Climate Change among many others.

On a similar note, the International Day for Universal Access to Information (IDUAI) is celebrated annually on 28th of September to promote access to information as a fundamental human right. Established by UNESCO in 2015 and recognized by the UN General Assembly in 2019, this day highlights the importance of information access in fostering transparent governance, achieving development goals, and building inclusive knowledge societies.

Let us protect our environment by adopting sustainable practices, conserving resources, and reducing pollution. In a well-connected digital world let us make use of reliable information, proactive disclosure, and media literacy for a good understanding of the environment's significance and impact, and work towards preserving the environment for future generations.

Dr. S. Viswanatha Rao

COMNET 2026



The International Conference on Communication Systems and Networks (ComNet 2026) was organized by the Dept. of ECE, MBCET, in association with Universiti Teknologi Malaysia and with the technical sponsorship of IEEE Kerala Section, from 16 to 18 Sept. 2026. The three-day conference commenced with a pre-conference workshop by **Dr. Deepak Mishra**, IIST, on “Introduction to Sequence Models and Diffusion Models and their Applications in Computer Vision”, followed by the inaugural ceremony.

The technical programme featured 81 research paper presentations across three tracks: Communication, Signal Processing and Networks. Keynote addresses were delivered by **Dr. Manoj B. S.**, IIST; **Dr. Mariappan Vaithilingam**, Brahmarshi Inc.; **Dr. Chuan Foh**, University of Surrey; and **Dr. Chee Yen (Bruce) Leow**, Universiti Teknologi Malaysia. Best Paper Awards were presented in each of the three technical tracks. A panel discussion on “Communication Systems and Networks for a Sustainable Tomorrow”, featuring experts from VSSC/ISRO, industry and ICFOSS, was also held as part of the programme. The conference concluded with the Valedictory Function on 18 Sept. 2026.

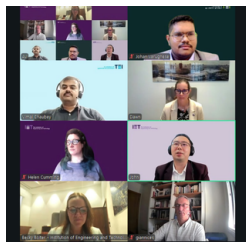
Vision: To be an Institution moulding globally competent Professionals as epitomes of Noble Values.

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.



PANELLIST AT THE IET INTERNATIONAL FESTIVAL

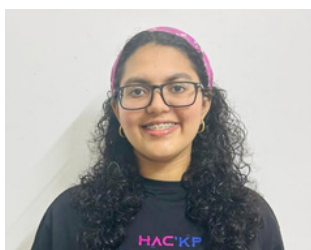
Mr. Johan S. Varughese, S7 CT, Chairperson of the IET MBCET Student Chapter, participated as a panellist at the IET International Festival of Volunteering in London, UK,



representing MBCET. At 21, he was the youngest speaker across the IET International Festival of Volunteering.

HAC'KP 2026 — NATIONAL HACKATHON

Ms. Ganga B. Nair, S5 CT, was selected as one of the 50 national winners at HAC'KP 2026, the 7th edition of Kerala Police's flagship National Hackathon,



organized by Kerala Police Cyberdome. HAC'KP 2026 is a pan-India, multi-city cybersecurity innovation platform that brought together students, developers and cyber professionals from across the country to build AI-powered solutions for real-world digital investigations. 50 winners were selected nationally following mentor-led product development and evaluation.

NOVATOS – SEASON 5



ISTE MBCET Student Chapter organized NOVATOS – Season 5 on 19 Sept. 2026 at James Watt Hall, MBCET, with around 70 participating.

Dr. Adarsh S. J., Faculty Advisor, ISTE MBCET Student Chapter, **Ms. Shilpa Susan Peter**, Asst. Prof. (EE) and ISTE ExeCom members were present. The event featured sessions on “From Machine Learning to Generative AI: Concepts and Applications” by **Mr. Krishna Prasanth**, Ex ISTE core member and “Introduction to Cybersecurity and Networks” by **Mr. Kiran Biju**, Ex ISTE core member.

NPTEL COURSE

Dr. Swapna P. S., Assoc. Prof., Dept. of ECE, completed the NPTEL+ Short-Term Course on “Designing Authentic Assessment in the Age of AI,” conducted in association with the University of Canterbury, New Zealand, from 03 Jul. to 09 Aug. 2026. The course focused on innovative assessment practices to the evolving landscape of Artificial Intelligence in education.

ROBOEVOLVE



The IEEE RAS Student Branch Chapter, MBCET, organized a one-day Robotics Workshop titled “ROBOEVOLVE” on 19 Sept. 2026 at the IEDC Lab, MBCET. **Mr. Varun V. S.**, Robotics Trainer, StemRobotics International and alumnus of MBCET (ECE 2020–24), served as the resource person. Nineteen students from different branches participated in the workshop. The programme was coordinated by **Mr. Shiras S. N.**, Asst. Prof., Dept. of ECE, with student coordinators **Aimiah Najna Najeeb**, S3 EEE, **Ananya Anil**, S3 ECE, and **Sunny Abraham Mathew**, S5 EL.

CATALYST IEDC INCEPTRA EDITION 9

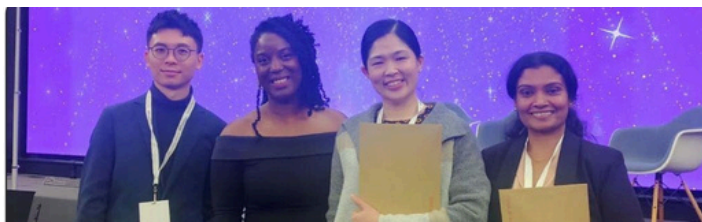


Catalyst IEDC organized INCEPTRA Edition 9, a two-day startup bootcamp for first-year students, on 12 and 13 Sept. 2026 at Shannon Hall. Sponsored by Ceenex Global Computers Pvt. Ltd., the bootcamp focused on entrepreneurship, innovation and marketing and included sessions on the IEDC ecosystem, team problem-solving, UI design and live pitching. **Mr. Arun J. S.**, HR Lead, InApp, led a session on the IEDC ecosystem. **Yogesh Raaj V. R.**, S1 CE1, was recognized as Mr. Inceptra, while **Nayana Uday**, S1 EC1, was named Ms. Inceptra. A total of 95 students participated.





IET MEMBERS' CHOICE AWARD OF VOLUNTEERING 2026



Dr. Soumya A. V., Assoc. Prof., Dept. of Electrical Engineering, MBCET, has been shortlisted for The IET Members' Choice Award of Volunteering 2026, presented by the Institution of Engineering and Technology (IET). **Dr. Soumya A. V.** attended the event in person, held at Savoy Place, London.

EXPERT TALK

Dr. Nidhi M. B., Prof., MED, delivered a talk on "From Smart Machines to Sustainable Manufacturing: Convergence of AI, Robotics and Automation" at the 41st National Convention of Mechanical Engineering (NCME) and National Seminar on Emerging Domains in Robotics and AI on 04 Sept. 2026. The event was organized by The Institution of Engineers (India), Kerala State Centre, Visvesvaraya Bhavan, under the aegis of the Mechanical Engineering Division Board, IEI.

RADIANCE 3.0



On 12 September 2026, the Computer Society of India Student Branch hosted RADIANCE 3.0, a one-day event for first-year students, bringing together 64 enthusiastic participants.

FACULTY AS RESOURCE PERSON

Dr. Dishore S. V., Asst. Prof., EED, served as a resource person at Sarabhai Institute of Science and Technology, Velland, Thiruvananthapuram, on 14 Sept. 2026.

ALUMNI TALK ON "CAREERS IN AI"



Dept. of CSE, in association with ACE, organized an invited talk on "Careers in AI" on 18 Sept. 2026. **Mr. Amal Joe R. S.**, alumnus of the Dept. of CSE (2019–2023 batch) and AI Research Engineer, IBM Research, delivered the session.

COLLOQUIUM: GDGC MBCET'S FIRST GROUP DISCUSSION COMPETITION



Google Developer Groups on Campus (GDGC) MBCET, in collaboration with the **Training and Placement Unit, MBCET**, conducted **Colloquium**, a Group Discussion Competition, on **18 September 2026**.

The competition witnessed the participation of **over 30 students** and featured two engaging rounds of discussion. **Elvis Mathews Olickal**, S7 EL emerged as the **Winner**, while **Bevis Mathew Thomas**, S7 CS1 secured the **First Runner-up** position.

The event was evaluated by external judges **Ms. Tintu Tarzan** and **Ms. Gayathri Janardanan** from **Experion Technologies**, along with internal judges **Dr. Veena Nair**, **Ms. Akhila K. Jose**, and **Dr. Merlin George**, who also served as the **Faculty Coordinator**.

PAPER PRESENTATIONS AT COMNET 2026 — 16 TO 18 SEPT. 2026

- **Anoushka L. Nair**, M1 IoT, **Govind S. Suresh**, **Roger Maria Waltin**, **Jason E. Sabarinath S.** and **Mr. Shiras S. N.**, Asst. Prof., Dept. of ECE, received the Best Paper Award in the Student Category for their paper titled "Geosync: Data Harvester".





- **Snith Shibu, Ankit Jain, B. S. Dev Darsh and Jensen Jose Sajan, S7 EC1, with Dr. Ancy S. Anselam, Assoc. Prof., Dept. of ECE, presented “Design and Evaluation of a Dual-Mode Acoustic–Water Fire Suppression System”.**
- **Krishna D. S., Midhun Eswar V. L., Nandha S. and Rithika Reeba Manoj, S7 EC2, with Dr. Vineetha Mathai, Asst. Prof., Dept. of ECE, presented “EyeSpeak: An EOG-Based Assistive Communicative Device”.**

SPORTS AND GAMES

Table Tennis-Men’s Runner Up



MBCET Men’s Table Tennis Team has secured second position in the APJ AKTU A-Zone Intercollegiate Table Tennis Championship, held at CET, Trivandrum, on 22 September 2026. Team has also qualified to the All Kerala Inter Zone TT Championship going to be held at CET on 29 and 30 September 2026

Shuttle Badminton



MBCET Shuttle Badminton Women Team secured second position in the A Zone badminton Championship held at CET on 24 September 2026. The team has also qualified for Inter Zone Championship going to be held at JCET, Lakkidi from 5-7 October 2026.

PAPER PUBLISHED IN SCIE-INDEXED JOURNAL

J. L. Lakshmi, Research Scholar, Dept. of ECE, and **Dr. Jayakumari J.**, Dean (PG Studies and Research) and International Liaison Officer, published a research article entitled “A Scalable M-Parallel Channel Interleaver Architecture for High Throughput 5G NR Polar Codes” in National Academy Science Letters, September 2026, a SCIE-indexed journal.

PLACEMENT UPDATES

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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