



MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

College Code : MBT. Accredited by NAAC with A grade.

BCET
Bulletin

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PRINCIPAL'S MESSAGE

World Cancer Day, observed on February 4th, is a global initiative to raise awareness about cancer, its prevention, and treatment. The International Union

Against Cancer (UICC) leads this movement, uniting people worldwide to tackle this pressing health issue. Cancer affects millions globally, but early detection and treatment can save lives. The day focuses on reducing stigma, promoting healthy lifestyles, and advocating for cancer research and care. Engineering plays a crucial, multi-faceted role in cancer care by combining physical science principles with biology to advance detection, treatment, and monitoring. Innovations and advancement of technology is revolutionizing cancer care through AI-driven diagnostics, personalized medicine, and targeted therapies, significantly improving survival rates and patient quality of life. Innovations include early-detection liquid biopsies, robotic surgery, gene editing and AI-analysed imaging, enabling faster, more precise, and less invasive treatments. Wearable devices and remote monitoring allow for decentralized clinical trials and better monitoring of patient health outside traditional hospital settings. On this World Cancer Day, let's unite to make a difference - through awareness, support, and action.

Dr. S. Viswanatha Rao

CANCER AWARENESS PROGRAMES



- As part of world Cancer Day observance, a **Cancer Awareness Pledge Wall** was organized jointly by **IET MBCET** and **AUTOMATA MBCET** on **04 February 2026** near the Vending Machine, B-Block, MBCET. Students actively participated by posting motivational messages for cancer patients and survivors and by taking pledges towards healthy living.
- As part of **World Cancer Day 2026**, **IET MBCET** and **AUTOMATA MBCET**, in association with **WIMA-IMA Nemom**, organized an online cancer awareness session titled "*Cause, Care, and Cure*" on **4 February 2026**. The session, held via **Google Meet**, witnessed the active participation of **225 students and young adults**. The programme featured an expert talk by **Dr. Gayatri Gopan**, Consultant Medical Oncologist. The session was inaugurated by **Dr. Indiramma J**, President, IMA Nemom, and Chaired by **Dr. Susi Alex**, Chairperson, WIMA Nemom.

CATALYST IEDC AT TCS DECODE

- On 28 January 2026, Tata Consultancy Services (TCS) hosted the AI-Based Hackathon, DECODE, which gathered AI and robotics enthusiasts. The inauguration of the new AI Club Space at TCS, designed to foster ongoing learning in artificial intelligence, was held.
- A dedicated team from μ Learn, including **Akshay T. Manoj** (S4 EC1), **Milind Krishna P.** (S4 EC 1), **Cedric Mathew Antony** (S4 EC1), **Aleena Liz Thomas** (S4 EC1), **Vishnu R Dileep** (S4 EC 1), **Stephin Baiju Mathew** (S4 EC1), **Gayathri Girish** (S4 CS2) and **Mohammed Faya Feroze** (S4 EL) from Catalyst IEDC and μ Learn MBCET Execom, played pivotal roles in ensuring the event's success.

NODAL OFFICER MEET ATTENDED



Dr. Lani Rachel Mathew, Asst. Professor, ECED, attended the South Zone Nodal Officer's Meet, a precursor event to the IEDC Startup Summit, 2026, held at Marian Engineering College, Kazhakkuttam, on 28 January 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.



PAPER PRESENTATION

- **Ms. Neethi Narayanan**, Assistant Professor, Department of CSE participated in the International Conference on Multidisciplinary Perspectives in Advanced Computing and Technology (IMPACT 2026) on 10, 11 January 2026 and presented the paper "Entropy-Validated Post-Quantum Cryptography for Secure Key Management in Cloud Systems", organized by Department of IT, College of Technology, G. B. Pant University of Agriculture and Technology, Uttarakhand, India.
- **Dr. Nidhi M. B., Dr. Soumya A. V., Ms. Asha S.**, presented a paper titled "AI Driven Environment Sustainability: Models, Tools, and SDG Acceleration Framework for Academic Institutions" in national seminar on AI as an Accelerator to SDGs: Pathways and Possibilities on 17 January 2026 at Vidya Academy of Science and Technology, Thrissur as part of ISTE convention.
- **Mr. Adhithya Smitha Raj, Mr. Ameen Khan S. R., Mr. Anand Pillai, Ms. Namitha S. Menon (S8 CS2) and Ms. Lino Zachariah** (Asst. Professor, CSE) presented a paper titled "Decentralized Social Media Platform using Blockchain, AI and NFTs" in the 2nd International Conference on Artificial intelligence and Machine learning (ICAIML 2026) held at Bharata Mata College, Thrikkakara on 30 Jan 2026.
- **Mr. S. Abhilash, Mr. S. Abhijith, Mr. Varun S., Ms. Sraddha S. (S8 CS2), and Mr. G. L. Praveen** (Asst. Professor, Dept. of CSE) presented a paper titled "Advanced Career Guidance With Mock Interview System" in the 2nd International Conference on Artificial intelligence and Machine learning (ICAIML 2026) held at Bharata Mata College, Thrikkakara on 30 Jan 2026.

CERTIFICATE OF APPRECIATION

Ms. Dhanya L. K., Asst. Professor, Dept. of CSE, was awarded a Certificate of Appreciation by the AICTE in recognition of her valuable contribution as a translator under the Technical Book Writing Scheme. As part of this initiative, she translated the AICTE First-Year Diploma textbook Introduction to IT Systems (with Lab Manual) into Malayalam, thereby contributing significantly to the promotion of accessible and inclusive Technical Education.



FACULTY AS RESOURCE PERSON

Dr. Swapna P. S., Associate Professor of ECE, and **Mr. Shiras S. N.**, Assistant Professor of ECE, served as resource persons for the Technical Training Programme on "Intranet-based IoT and its Applications" held on February 2, 2026, at the National Skill Training Institute, Trivandrum, as part of the ISRO Technical Training Programme.

HANDS-ON TRAINING ON OPEN-SOURCE GIS SOFTWARE



The MBCET Student Chapter of ASCE, Dept. of Civil Engineering, organized a workshop on "GIS for Civil Engineers", delivered by **Ms. Anoja Anoop, Senior GIS Analyst, KIIFB, Thiruvananthapuram, on 24th January**. The session aimed to familiarise students with the importance of Geographic Information Systems and its growing relevance in the civil engineering domain.

TECHNOVERSE 2026: EXPLORING EMERGING TECHNOLOGIES



Technoverse, a two-day Technical Event organized by GDGC MBCET, was conducted on 24th and 25th January 2026 at Shannon Hall. The event aimed to introduce students to emerging technologies. The sessions featured talks by **Anand Pillai (S8 CS1), Stevin Santhosh Baby (S8 CS1),**



Jithin Rajesh (S6 EL), Joel John Thomas (S4 EL), Ashiq Muhammed M. (S4 CT), and Abin S. Manoj (S6 EC), covering a wide range of topics including Introduction to Machine Learning, Project Development, LeetCode Basics, Career Roadmaps, Game Development, and Microsoft Azure. 75 students attended the event. The event was conducted under the guidance and coordination of **Dr. Merlin George**, Department of Computer Science and Engineering, MBCET.

PROFESSIONAL BODY MEMBERSHIP

- **Dr. Jisha S. V.**, Associate Professor and **Ms. Akhila A. M.**, Assistant Professor, Department of Civil Engineering, have enrolled as Life Members of the Indian Plumbing Association. Both faculty members have successfully completed the Indian Plumbing Professional League (IPPL) course conducted by the Indian Plumbing Association. The certification is duly approved by the National Skill Development Corporation (NSDC) and Skill India.

ALUMNI MEET - CIVIL ENGINEERING DEPARTMENT

A successful online alumni engagement session was conducted on **21 January 2026**. The session brought together B.Tech and M.Tech alumni of the Civil Engineering Department.

NSS UPDATES



NSS Units 230 and 706 of MBCET, in association with the Food Safety Dept., Government of India, conducted the "Eat Right Kerala – Safe Food for Better Life" awareness program at Thampanoor Bus Stand and Kanakakkunnu. The initiative promoted safe food practices, hygiene, and healthy eating habits. NSS volunteers presented flash mobs, and Food Safety officials addressed the public on the objectives of the Eat Right program. The event received a positive public response and strengthened awareness on safe and healthy living.

FACULTY RECOGNITION

Ms. Diana Alice Sugunan of CED has been awarded the NPTEL Stars - NPTEL Discipline Stars.

AUTOCAD CIVIL 3D – TECHNICAL TALK SESSION

The MBCET Student Chapter of ASCE organized an **online technical session on AutoCAD Civil 3D** on 31 January 2026, via Google Meet. The session was handled by **Mr. Veeresh Mekala, Senior Engineer, Sweco**, who introduced students to industry-oriented design workflows and the practical applications of AutoCAD Civil 3D in real-world civil engineering projects. He shared insights into professional practices and highlighted the importance of mastering industry-standard tools. The session saw active participation from Civil Engineering students, followed by an interactive discussion.

MENSTRUAL HYGIENE AWARENESS TALK SESSION

The Menstrual Hygiene Awareness Session was conducted on 23 January 2026 at Senatus Hall, MBCET. The programme was jointly organized by **MBCET ASCE Engineering, ISTE SHE, and IEEE WIE** to break stigma and promote awareness on menstrual hygiene. The session was led by **Ms. Bhavana P. Menon, Founder of LOUD**, who delivered an interactive talk on the biology of menstruation, myths and taboos, health risks of poor hygiene, safe menstrual products, and the importance of confidence and open communication. Students from various departments actively participated, and the Q&A session helped clarify doubts, making the programme informative and impactful.



LIBRARY UPDATES

The MBCET Library conducted a live webinar for S6 Mechanical Engineering students on **"Empowering Access to Mechanical Engineering Literature: Explore, Learn, and Succeed with Knimbus Remote Access."** The session was presented by **Mr. Manikandan Jayakrishnan**, Trainer for Knimbus Remote Access, New Delhi, on 14 January 2026 at Laurie Baker Hall. The event was coordinated by **Mr. Binu K. John**, Librarian.

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