



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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MBCET
Bulletin



PRINCIPAL'S MESSAGE

Mahatma Gandhi led India to freedom using the powerful weapons of Satya (truth) and Ahimsa (non-violence). His peaceful movements, including the Dandi March and the Non-Cooperation Movement, inspired millions to fight oppression with moral courage rather than weapons. Non-violence remains a powerful and relevant philosophy in today's world, offering a framework for conflict resolution, social change, and personal growth. Mahatma Gandhi's teachings on non-violence, emphasise the importance of avoiding harm to all living beings and promoting compassion, truth, and inner strength. Non-violence fosters a culture of peace, tolerance, and understanding, reducing conflicts and violence.

The United Nations recognises 2nd October, the birthday of Mahatma Gandhi, as the International Day of Non-Violence. Gandhi Jayanti is not just a National holiday, it is a reminder to the whole world to embrace simplicity, equality, and peace in our daily lives. In this digital age the rise of social media and online interactions require a renewed commitment to non-violence, promoting respectful discourse and combating hate speech. Gandhiji's timeless teachings continue to guide humanity toward a kinder and more harmonious future. As we honour his memory through community service and cleanliness drives, let us pledge to be the change we wish to see in the world.

Dr. S. Viswanatha Rao

BEST DELEGATION AWARD @ SCT MUN



MBCET secured the Best Delegation Award at the SCT Model United Nations (SCT MUN), with students receiving several individual awards across various committees. **Megha** (S3 EC1) won the Best Delegate award in CCC, while **Niya** (S3 CT) was adjudged Best Delegate in UNHRC. **Maria** (S3 CT) received a High Commendation in CCC. In UNW, **Richa Rose Alex** (S3 CS1), **Hanan** (S3 CE2), and **Anasooya** (S3 CT) received Honourable Mentions, while **Dhiya** (S1 EL) received a Verbal Mention. The collective achievements of the student delegates led MBCET to win the Best Delegation Award.

EXPERT TALK ON "ENGINEERING WITH THE GROUND – PRACTICAL SOIL MECHANICS"



The Department of Civil Engineering, MBCET (Autonomous), in association with the Indian Geotechnical Society, Thiruvananthapuram Chapter, organised an expert talk titled "Engineering with the Ground – Practical Soil Mechanics: From Theory to Real-World Applications" on 18 September 2026 at Laurie Baker Hall. **Dr. Jayamohan J.**, Director, LBS Centre for Science & Technology, Thiruvananthapuram, served as the resource person. The programme was coordinated by **Ms. Diana Alice Sugunan** and **Dr. Lekshmi Chandran M.**, Assistant Professors, Department of Civil Engineering.

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.



STUDENT'S ACHIEVEMENT: BEST PAPER AWARD

Angel Nizy Simon, M.Tech. PCD (2024–26 Batch), received the Best Paper Award for the research paper entitled “Optimisation Based Control of Solar PV and Battery Storage Systems for Peak Demand Management,” co-authored with **Dr. Praveen Raj R. S.**, Assistant Professor, EED. The paper was presented at the IEEE Conference on ComNet 2026.



THIRD PLACE IN INTERNATIONAL COMPETITION



Ruben John Reji, S1 EL, secured Third Place for his project “Terra Shield,” focused on natural disaster detection. The project was selected from more than 150 submissions from over 23 countries. He received a ₹25,000 sponsorship to attend the IEEE R10 HTC Conference 2026, to be held in Bangkok, Thailand.

ELECTRICAL VEHICLE WORKSHOP



IEEE PES SB MBCET organised “Charge Ahead: Electric Vehicle Workshop” on 24 September 2026 at Faraday Hall. The session was led by **Mr. Sushil Reddy**, Founder of The Sun Pedal Ride and an alumnus of IIT Bombay, who shared insights from his experience of travelling over 50,000 km across India in an electric car. The workshop explored key aspects of electric mobility, including sustainability, EV design, battery technology and charging, operating costs, and lifecycle emissions of EVs compared with internal combustion engine (ICE) vehicles. The session was attended by 70 students. **Ms. Sandhya P** and **Dr. Anil J**, Assistant Professors, EED, served as the Faculty Coordinators.

QNX WORLD HACKATHON

Ashlin Jose S.R. and **Chris Nijo**, S3 EC2, secured First Place in the QNX World Hackathon, organised by Kalasalingam Academy of Research and Education, on 26 September 2026.



EXPERT TALKS

- Samvadam-Public Speaking Club hosted an insightful online session titled “Building and Selling the Future: Why Some Technologies Succeed and Others Don’t” on 24 September 2026. The guest speaker for the event was **Ms. Keerthi Santosh Varier**, an alumna of the ECE 2002 batch, who currently serves as the Global Senior Product Manager at EY. Around 75 students actively participated in the session.
- As part of the Human Resources Management elective for S5 ME students, an industry expert session on HRM was coordinated by course faculty **Dr. Nidhi M. B.**, Professor, Department of Mechanical Engineering, on 24 Sept. 2026. **Mr. Gopakumar**, Training and Development, and **Ms. Liji**, HR Director of Appexus Technologies, Trivandrum, were the resource persons..



IMAGENERA – FIGMA WORKSHOP



E-Nix, MBCET, the ECE Department Association, conducted ImaGenEra, a two-day Figma workshop on 26 & 27 September 2026. Students were given beginner-level, hands-on experience in designing posters and banners using Figma. **Mr. Faizan Ahamed** (Senior UI Designer, QBurst Technologies) and **Mr. Shahin Shadath** (Senior UX Designer, QBurst Technologies) were the resource persons. The workshop was conducted over two days with 50 participants.



GDGC GENERAL BODY MEETING



The Google Developer Groups on Campus (GDGC) MBCET conducted its Annual General Body Meeting on Wednesday, 23 September 2026, at Senatus Hall. The highlight of the meeting was an inspiring session by **Mr. Yogesh B. Nair**, Senior Project Manager at Microsoft, who shared valuable insights on leadership, dedication, and continuous learning. The meeting also recognised the contributions of the previous Executive Committee. **Dr. S. Viswanatha Rao**, Principal, and **Mr. Yogesh B. Nair**, Senior Project Manager, Microsoft, distributed certificates to the outgoing members in appreciation of their contributions. The gathering marked a new chapter for GDGC MBCET, inspiring the upcoming student leaders to carry the club forward with renewed enthusiasm and commitment.

IET MBCET PARTICIPATES IN IET SOUTH ASIA VOLUNTEERING FESTIVAL 2026

The IET MBCET Student Chapter participated in the IET South Asia Volunteering Festival 2026, held from 25 to 27 September 2026 in Bengaluru. The delegation included **Dr. Soumya A. V.**, Associate Professor, Department of Electrical and Electronics Engineering, **Johan S. Varughese** (S7 CT), and **Jayasree S. Kalkura** (S7 EL). **Dr. Soumya A. V.** and **Johan S. Varughese** received special mention for their presence and contributions on the global stage of IET volunteering.

INDUSTRIAL VISIT



47 students from S5 EL, Department of EEE, undertook a two-day industrial visit. On 25 September 2026, they visited the Idamalayar Hydro Electric Project, and on 26 September 2026, they visited Hykon India Limited, Kakkanad, Kochi. They were accompanied by **Ms. Sheenu P** and **Mr. Rejish Babu F. R.**, Assistant Professors, EED.

DISTRICT ATHLETICS MEET 2026

Mr. Deon Dileep of S5 CT participated in the 70th District Athletics Meet 2026 and secured Silver Medals in both Shot Put and Discus Throw.



BASKETBALL CHAMPIONS



The MBCET Men's and Women's Basketball Teams emerged as the Champions of the APJ AKTU A-Zone Basketball Championship, held at the University of Kerala, Senate Hall Campus, on 29 and 30 September 2026.

RUNNERS UP – BADMINTON



MBCET Badminton Women's Team, comprising **Ms. Shiyona Mary Dacruz** (S5 EC2), **Ms. Akshaya B S** (S3 EC2), **Ms. Ziya S** (S3 CS 2), **Ms. Sivani S** (S1 EC2), and **Ms. Anagha A V** (S1 CE2), secured the Runners-Up position in the APJ Abdul Kalam Technological University A-Zone Inter Collegiate Badminton Tournament held at the College of Engineering Trivandrum on 24 September 2026.

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