Vol: 7 | Issue: 45 06 November 2026

MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

MBCET Bulletin

College Code : MBT. Accredited by NAAC with A grade. Five B.Tech Programmes accredited by NBA since 2016.

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PRINCIPAL'S MESSAGE

Sir Chandrasekhara Venkata Raman (C. V. Raman) was a pioneering Indian physicist and the first Asian to win the Nobel Prize in Physics.

His discovery, known as the Raman Effect, showed that when light traverses a transparent material, the deflected light changes its wavelength and energy due to molecular interactions, won him the Nobel Prize in Physics in 1930. He also made deep contributions to the study of light diffraction, crystal physics, X-ray scattering, and the acoustics of Indian musical instruments like the violin and tabla. He was Knighted by the British government in 1928, earning the title "Sir"

Sir C. V. Raman served as the Palit Professor of Physics at the University of Calcutta (1917–1932) and became the first Indian Director of the Indian Institute of Science (IISc) in Bangalore in 1933. He established the Indian Academy of Sciences (IASc) in 1934 and the Raman Research Institute (RRI) in 1948. He was conferred with Bharat Ratna, India's highest civilian award, in 1954.

C.V. Raman Jayanti, celebrated every year on November 7, honours the birth of Sir C.V. Raman, a visionary whose relentless passion and ground-breaking scientific contributions continue to inspire generations worldwide. Let us honour his enduring legacy by nurturing curiosity, driving innovation, and championing scientific research.

Dr. S. Viswanatha Rao

NPTEL-AICTE FACULTY DEVELOPMENT PROGRAMME

Dr. Tessy Mathew (Dean-Student Affairs & Professor, Dept. of CSE) completed the NPTEL-AICTE Faculty Development Programme on "Fundamentals of Generative AI and Large Language Models: Theory and Practice", funded by the Ministry of Education (MoE), Government of India, and won Elite Certificate.

INSPIRE LECTURE SERIES: GOOD CONSTRUCTION PRACTICES

The Dept of Civil Engineering organized the following

1. A talk on "**Good Construction Practices**" for the S1 and S5 students by **Er. Malish Mohan**, Technical Manager, UltraTech Cement Pvt Ltd on 23 Oct 2026. 35 students attended.



2. A talk on "**Steel-Concrete Composite Design and Introduction to IS 11384:2022**" for M1 and M3 structural engineering students on October 27, 2026, at Laurie Baker Hall. The session featured **Dr. Siddharth Chauhan**, **Assistant Manager (Civil & Structural)** at the Institute for Steel Development & Growth (INSDAG) Kolkata. The event was coordinated by **Dr. Manju Dominic** and **Dr. Anupama Krishna D.**





PHD DEFENCE



Ms. Lakshmi J. L., Research Scholar, Dept. of ECE, has successfully defended her PhD thesis titled "Efficient FPGA Implementation of Channel Coding in 5G NR" in the open defence held on 29 October 2026. The research was carried out under the guidance of **Dr. Jayakumari J.**, Professor & Dean (Post Graduate Studies & Research), International Liaison Officer, MBCET.

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.

DEFINE 4.0 - NATIONAL LEVEL HACKATHON





The Department of Computer Science and Engineering successfully hosted DEFINE 4.0, the 24-hour national-level hackathon with Ryng as the Platinum Partner, bringing together over 100 participants from across various institutions. Team Runtime Terror (Mar Baselios College of Engineering and Technology) secured the Design Track, Team Dnomadz (University College of Engineering) and Team Ladducc (Saintgits College of Engineering, Kottayam) triumphed in the Software Track, and Team IISR (IIIT Kottayam) emerged as the winner in the General Track. The event was coordinated by **Mr. Ramjith R. P.** and **Mr. Lino Zachariah** (Assistant Professors, Dept. of CSE), along with student core coordinators **Mr. Niranj R.** (S7 CS2) and **Mr. Agnivesh P. S.** (S7 CS1).

INDUSTRIAL VISIT TO BSNL





As part of the Computer Networks course, 54 students from S5 CS1 and 56 students from S5 CS2 of the Department of Computer Science and Engineering undertook one-day industrial visits to BSNL, Regional Telecom Training Centre (RTTC), Kaimanam, on 12 and 15 October 2026, respectively.

The students of S5 CS1 were accompanied by **Dr. Jisha John** (Professor, Dept. of CSE) and **Ms. Asha S.** (Assoc. Professor, Dept. of CSE), while the students of S5 CS2 were accompanied by **Dr. Anne Dickson** (Assoc. Professor & Head, Dept. of CSE) and **Ms. Deepthi K. Moorthy** (Asst. Professor, Dept. of CSE).

IETE FOUNDATION DAY CELEBRATIONS





The Department of Electronics and Communication Engineering (ECE), in association with the Institution of Electronics and Telecommunication Engineers (IETE), Thiruvananthapuram Centre, organised the **73rd IETE Foundation Day Celebrations** on 02 November 2026 at Senatus Hall, MBCET. The welcome address was delivered by **Dr. G. Pavithran**, Hon. Secretary, IETE Thiruvananthapuram Centre. The inaugural address was delivered by **Dr. S. Viswanatha Rao**, Principal, MBCET and **Er. Thomas Varughese**, Hon. Chairman, IETE Thiruvananthapuram Centre, delivered the presidential address. **Dr. Bhadran V.**, Former Chairman, IETE Thiruvananthapuram Centre, introduced the senior members and distinguished award winners. The senior IETE members and recipients of prestigious IETE National Awards were felicitated. The dignitaries were honoured by **Dr. S. Viswanatha Rao**, **Dr. Luxy Mathews** and other senior representatives of IETE. **Prof. (Dr.) Chinmoy Saha**, Professor, Department of Avionics, Indian Institute of Space Science and Technology (IIST), delivered an insightful talk on "Two Decades of Innovation in Metamaterials, Metasurfaces and Wireless Power Transfer – Shaping the Future of Electromagnetic Technology." **Col. G. Gopalakrishnan** delivered an invited talk on Cybersecurity, highlighting the growing importance of cybersecurity in today's increasingly connected technological environment. The vote of thanks was delivered by **Dr. Swapna P. S.**, Associate Professor, Dept of ECE, MBCET and Executive Committee Member, IETE Thiruvananthapuram Centre.

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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