



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.

@officialmbcet



BCET
Bulletin

PRINCIPAL'S MESSAGE



India boasts a rich history of astronomical advancements, from ancient scholars like Aryabhata and Brahmagupta to modern space missions like Chandrayaan and Mars Orbiter Mission. These contributions span ancient mathematical models of the solar system, the development of instruments for observation, and recent explorations of the Moon and Mars. Engineering plays a crucial role in designing and building telescopes, detectors, and other tools used to observe the universe as well as systems for various missions, while astronomy provides the scientific goals and understanding of the phenomena being observed. Engineering is essential for designing and building spacecraft, rockets, and other vehicles used for space exploration. Engineers play a crucial role in astronomy and have a great opportunity to contribute to this fascinating field. Astronomy Day is celebrated twice a year, once between April and May, and once between September and October. Each event falls on a Saturday near the First Quarter Moon, making it an ideal time for sky-watching. It is an occasion for astronomy enthusiasts and professionals to share knowledge and spread awareness about the wonders of the Universe.

Dr. S. Viswanatha Rao



NEWLY JOINED FACULTY



Ashna Merin Philip
Asst. Prof. in CSE

CONDUCTED BOS

The Eighth Board of Studies Meeting of the Department of Computer Science and Engineering was held on 29 April 2025 at Pascal Hall in hybrid mode to finalize the third-year syllabi of the courses of B. Tech in CSE & CSE (AI) of 2023 curriculum, the fourth-year syllabi of the courses of B. Tech in CSE of revised 2020 curriculum and 2022 CSE (AI) curriculum.

ELECTED VICE-PRESIDENT DIST. BASKETBALL ASSOCIATION

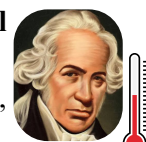
Dr. Christy Francis, Asst. Director, Dept. of Physical Education has been elected as the Vice - President of the Trivandrum District Basketball Association for 5 Years (2025 to 2029)



THE ENGINEER WHO MEASURED THE INVISIBLE

Be Curious. Be Precise. Be Like **Gabriel Fahrenheit** (1686–1736)

Gabriel Fahrenheit, a pioneer of precision, changed the world by asking simple questions about temperature and answering them with groundbreaking inventions. He created the mercury thermometer and the Fahrenheit scale, setting new standards in scientific accuracy. At a time when tools were crude and knowledge limited, he pushed boundaries with innovation and courage.



Engineering students today inherit that same spirit. Just like Fahrenheit, your curiosity, dedication, and willingness to refine the details can lead to breakthroughs that change lives. The future of technology belongs to those who dare to measure the invisible and improve the world—one idea at a time. Let Gabriel Fahrenheit remind us: great technology starts with great questions.

JOURNAL PUBLICATION

Ms. Lakshmi J. L., Asst. Prof, **Jayakumari J.**, Professor & International Liaison Officer, Dept. of ECE: "Optimized Belief Propagation Decoder Using One's Complement Processing Element for Polar Codes in 5G NR", Natl. Acad. Sci. Lett. (2025, SCIE Indexed).

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

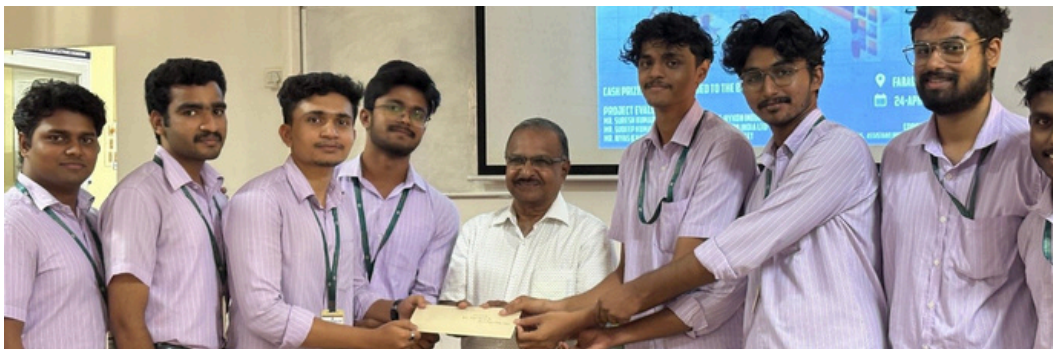
Mission: To transform the Youth as technically competent, ethically sound and socially committed professionals, by providing a vibrant learning ambience, for the welfare of humanity.

INDUSTRIAL VISIT



108 students (S4 EL:56 & S5 EE:52) from Dept of EEE went for an Industrial Visit on 28 April 2025 to Idamalayar Power Station, Eranakulam District. They were accompanied by **Ms Sandhya P.**, **Ms Surasmi N. L.**, **Dr. Anil J.**, **Ms. Revathy K. P.**, **Mr. Ayush Vijayan**, **Ms. Neetha Chandra** Assistant Professors, EED.

MINI PROJECT EXPO



The Department of Electrical and Electronics Engineering organized a Mini Project Expo on 24 April 2025 for the S6 EEE students, as part of the 2022 revised curriculum which introduced the Mini Project in the Sixth Semester. Students presented innovative hardware working models, showcasing their technical skills and creativity. The event witnessed enthusiastic participation, and two teams were jointly awarded the first prize, sponsored by Illumina. The expo was successfully coordinated by **Mr. Midhun G.**



ADMISSIONS 2025



MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous College affiliated to APJ Abdul Kalam Technological University)

Code
MBT

NBA Accredited Programmes

B.Tech Civil Engineering.	120 seats
B.Tech Computer Science and Engineering.	120 seats
B.Tech Electronics and Communication Engineering.	120 seats
B.Tech Electrical and Electronics Engineering.	60 seats
B.Tech Mechanical Engineering.	90 seats

M.Tech Programmes

M.Tech Computer Science and Engineering.	18 seats
M.Tech IoT and Sensor Systems.	18 seats
M.Tech Machine Design.	18 seats
M.Tech Power Control and Drives.	09 seats
M.Tech Structural Engineering.	18 seats
M.Tech Transportation Engineering.	18 seats
M.Tech Environmental Science and Engineering.	18 seats

Ph.D in all branches.

New B.Tech Programmes started in 2022

B.Tech Computer Science and Engineering(Artificial Intelligence).	60 seats
B.Tech Electrical and Computer Engineering.	60 seats

**Contact
Numbers
for
Admissions**

General Enquiry
0471-2545868 (Working days)
9446572809, 7012052622
NRI Admission
9447211341(M)

Established: 2002
NBA Accreditation : Since 2016
NAAC Accreditation (A Grade): Since 2016
Autonomous: 2020



MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY

Mar Ivanios Vidyanagar, Nalanchira, Thiruvananthapuram-695015, Kerala

(Managed by Malankara Catholic Educational Society of the Archdiocese of Trivandrum)
www.mbcet.ac.in



Managing Editor: Rev. Fr. John Varghese Palanilkkunnathil, Director
Email: bursar@mbcet.ac.in

Chief Editor: Dr. S. Viswanatha Rao, Principal
Email: principal@mbcet.ac.in

Editor: Prof. Dr. George Zacharia

Design & Layout: Abey E. Mathews (ITMS)

Published by Mar Baselios College of Engineering and Technology, Mar Ivanios Vidyanagar, Nalanchira, TVM - 695015

