



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



PRINCIPAL'S MESSAGE

Pi (π) Approximation Day is celebrated on July 22 every year. The date written as 22/7 in day/month format matches the common fraction used to estimate the Mathematical constant Pi. Pi is widely considered the most popular and recognized Greek letter used in Mathematics and science, representing the ratio of a circle's circumference to its diameter. Key contributors to calculating and defining Pi throughout history include ancient Mathematicians using geometric methods and modern experts using computational algorithms. Key figures include Archimedes, Zu Chongzhi, Leonhard Euler and many other mathematicians. Ancient India made foundational contribution the understanding of Pi, with early approximations appearing in the Sulba Sutras (c. 600 BCE) for constructing fire altars. Notably, the Mathematician Aryabhata (c. 499 CE) calculated Pi as 3.1416, while the Kerala school of astronomy and Mathematics, including Madhava of Sangamagrama (c. 1340–1425), developed infinite series to calculate Pi to high precision. The renowned Indian Mathematician Srinivasa Ramanujan (1887–1920) developed highly efficient infinite series for calculating Pi, which are still used in modern computing. Beyond pure Mathematics, Pi is indispensable for modeling waves, Engineering, space navigation, and understanding natural, physical patterns in our universe. Let us be part of the celebration acknowledging the contributions by the great Scientists and Mathematicians in the advancement of Science and Technology.

Dr. S. Viswanatha Rao

FACULTY INDUSTRIAL VISIT



The ISTE MBCET Faculty Chapter organized an **Industrial Visit to Applexus Technologies**, Technopark, Thiruvananthapuram, on 14 July 2026, for the faculty of MBCET. 15 faculty members from various departments participated in the programme. The visit was coordinated by **Ms. Asha S.** (Chairman, ISTE MBCET Faculty Chapter & Associate Professor, Dept. of CSE) and **Ms. Poorna B. R.** (Secretary, ISTE MBCET Faculty Chapter & Assistant Professor, Dept. of CSE).

ONE-DAY TRAINING PROGRAM FOR STAFF



A one-day training program on Familiarization with the ADALM-PLUTO Software Defined Radio (SDR) was conducted for the faculty and technical staff of the Department of Electronics and Communication Engineering (ECE) on 10 July 2026. The session was delivered by **Mr. Abin Antony**, R&D Engineer, Vi Microsystems.

UNIVERSAL HUMAN VALUES

Dr. S. Ushakumari handled a one-day session on Universal Human Values at St. Thomas Institute for Science and Technology, Kattaikonam, Thiruvananthapuram, on 24 June 2026 for the faculty, including the Principal. A one-day follow-up session on Universal Human Values was conducted for the second-year students of Trivandrum International Institute of Management, Vilappilsala, Thiruvananthapuram, on 10 July 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.



FACULTY INTERACTION WITH OUTSIDE WORLD

Dr. Dhanya L. K., Assistant Professor, Department of CSE, served as a resource person for the UGC–Malaviya Mission Teacher Training Centre (MMTTC), University of Kerala, on 13 July 2026, delivering an expert lecture on "Advanced Neural Networks for Natural Language Processing: From RNNs to Modern NLP Architectures" during the Refresher Course on Integrating Artificial Intelligence in Academic Excellence and Research for Science Faculty – Tools and Techniques. She served also as a reviewer for the International Conference on Computational Intelligence Systems and Devices (ICCISD 2026) organized by the Department of Computer Science & Applications, Sharda School of Computing Science & Engineering, Sharda University.

EXTERNAL PEER REVIEWER

Dr. Nisha G. K., Professor in EEE & IQAC Coordinator, served as a member of the External Peer Review Team at St. Joseph's College of Engineering and Technology, Palai (Autonomous), on 8 July 2026.

TLC WORKSHOP



The Teaching-Learning Centre of MBCET organized a one-day workshop on "An Introduction to Outcome-Based Education" on 10 July 2026. **Dr. Swapna P. S.**, Associate Professor, Department of ECE, MBCET, was the resource person. Twenty-three faculty members participated.

PAPER PRESENTATION

Mr. Karthik Satheesan, Mr. Karthik K., Mr. Jaish J. S., Mr. Arafan Mohammed, Dr. Nisha G. K., and Ms. Sandhya P. presented a paper titled "Parametric Analysis of Resonant Wireless Charging System" at the 3rd IEEE International Conference on Trends in Engineering Systems and Technologies (ICTEST 2026), organized by Government Model Engineering College, Thrikkakara, Kochi, from July 16 to 18, 2026.

CORPORATE RELATIONS UPDATE

The Corporate Relations team of MBCET held a discussions with 1) Mar Ivanios College (Autonomous) on 13 July 2026 to explore opportunities for academic collaboration. 2) Officials of KSEB on 14 July 2026 to explore opportunities for industry–academia collaboration.

FACULTY PUBLICATION

Dr Adarsh S. J., Asst. Prof., MED et al., "Recent developments and future perspectives in metal additive manufacturing: Techniques, challenges, and functional performance - Review"; Elsevier - Journal of Alloys and Compounds, Volume 1064, 2026, 187718, ISSN 0925-8388. <https://doi.org/10.1016/j.jallcom.2026.187718>

IQAC WORKSHOP



The Internal Quality Assurance Cell (IQAC) and Teaching Learning Centre (TLC) of MBCET organized a two-day Faculty Development Workshop on NBA Preparation on 17 and 18 July 2026. The workshop witnessed active participation from 5–8 faculty members representing each department of the institution. The sessions were led by **Dr. M. S. Raviprakash**, Former Principal, Sri Siddhartha Institute of Technology (SSIT), Tumkuru, provided comprehensive insights into the revised NBA accreditation framework, Outcome-Based Education (OBE), curriculum planning, and the preparation of the Self-Assessment Report (SAR). The programme commenced with an introductory presentation by **Dr. Swapna P. S.**, NBA Coordinator, MBCET.

CERTIFICATE OF APPRECIATION

Aathil Muhammed S. (S3 ME2), Outreach Co-Head of IET On Campus MBCET, received a Certificate of Appreciation from the Trivandrum Local Administration for his volunteer service during the State Legislature Election.



ADMISSIONS 2026



MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY AUTONOMOUS

Code
MBT

NAAC Accreditation with A Grade | NBA Tier 1 Accreditation for 5 B.Tech Programmes
Affiliated to APJ Abdul Kalam Technological University & approved by the All India Council for Technical Education
Mar Ivanios Vidyannagar | Nalanchira P.O | Thiruvananthapuram - 695 015 | Kerala
Phone: 0471 - 2545868 | Website : www.mbcet.ac.in

B.Tech Programmes

B.Tech Civil Engineering.	120 seats
B.Tech Computer Science and Engineering.	120 seats
B.Tech Computer Science and Engineering (Artificial Intelligence).	60 seats
B.Tech Electronics and Communication Engineering.	120 seats
B.Tech Electrical and Electronics Engineering.	60 seats
B.Tech Electrical and Computer 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 Structural Engineering.	18 seats
M.Tech Transportation Engineering.	18 seats
M.Tech Environmental Science and Engineering.	18 seats

New M.Tech Programme started in 2026

M.Tech Artificial Intelligence and Data Science. (18 Seats)

Ph.D in all branches.

**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

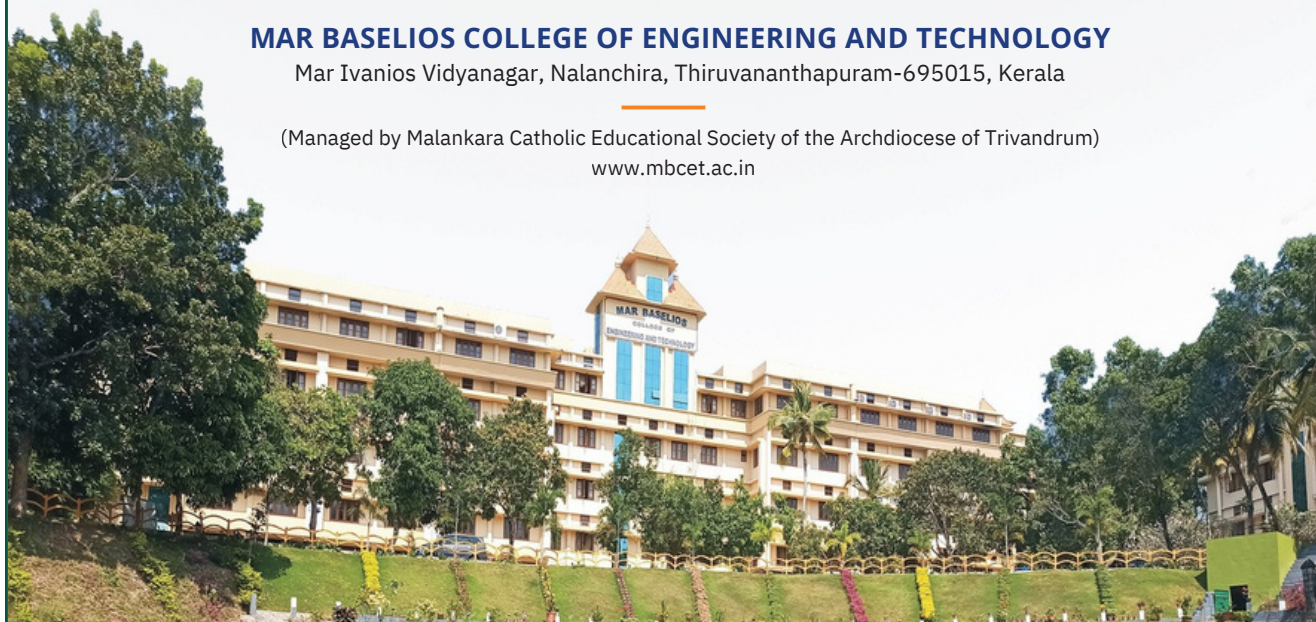


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