



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

The advent of Television fundamentally changed how people consume information and entertainment, creating a shared global culture while also altering family dynamics and influencing public opinion. It disrupted existing media like radio and film, and its evolution to smart TVs and streaming services continues to disrupt the media landscape today by shifting content delivery from scheduled broadcasts to on-demand access. Television evolved from early mechanical systems in the 1920s to modern, internet-connected smart TVs, with key milestones including the shift to electronic broadcasting, the introduction of colour, and the transition from analog to digital signals. The world's first mechanical television system was demonstrated by John Logie Baird, a Scottish inventor in 1926. The first fully electronic television system, was created by Philo Taylor Farnsworth, an American inventor in 1927. Over the years, formats and technologies have undergone revolutionary changes, moving from communal viewing of scheduled programming to on-demand streaming, a trend accelerated by flat-screen and smart TV technologies. Television is also vital for news dissemination, public awareness campaigns, and emergency broadcasting due to its ability to reach a wide and diverse audience visually. World Television Day, established by United Nations in the year 1996, is observed annually on November 21st to recognize the significant role television plays in communicating information, providing education, and fostering cultural exchange.

Dr. S. Viswanatha Rao

TREST SATELLITE CENTRE INAUGURATED AT MBCET



The first Satellite Centre of TrEST Research Park was inaugurated at MBCET on 20 November 2025 by **Dr. Rajasree M. S.**, CEO, TrEST Research Park.

She highlighted the centre's role in strengthening industry-academia collaboration, fostering innovation, and supporting technology commercialization. She encouraged faculty and students to actively contribute to the start-up and innovation ecosystem.

Dr. S. Viswanatha Rao, Principal, **Rev. Fr. John Varghese**, Director, and **Rev. Dr. Koshy Issac Punnamoottil**, Bursar, also addressed the gathering in the presence of the Deans and Heads of Departments.

AI TOOLS WORKSHOP AT MBCET



The Teaching-Learning Centre of MBCET organized a one-day workshop on 'AI Tools for Research and Teaching' on 14 November 2025.

The resource person for the workshop was Mr. Binu A., Assistant Professor, Department of Information Technology, Rajagiri School of Engineering & Technology, Kochi. Around 45 faculty members participated in the event.

The workshop proved highly beneficial, equipping participants with the knowledge and skills to effectively and ethically integrate AI tools into research and teaching practices.

FACULTY AS RESOURCE PERSON



Mr. Divyaprasad S. P., Assistant Professor, Department of Civil Engineering, served as a resource person at Sarabhai Institute of Science and Technology, Vellanad. He delivered a one-day session on the NAAC Accreditation Process on 14 November 2025.

APPOINTED AS AHOD

Dr. Jesna Mohan, Associate Professor, Department of CSE, has been appointed as the AHoD, with effect from 15 November 2025.



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.



ENTREPRENEURSHIP TRAINING ATTENDED

Dr. Nidhi M. B., Professor, MED Head CPDL, and **Dr. Lani Rachel Mathew**, IEDC Nodal Officer and Asst. Prof., ECED, attended the International Multiplier Training 2025 conducted by the Centre for Management Development (CMD), Thiruvananthapuram, on the theme "Entrepreneurship Education for All", on 17 November 2025 at Centre for Management Development, Thycaud, Thiruvananthapuram. Resource persons were Dr. Johannes Lindner, Professor, Entrepreneurship 4 Youth, Austria and Dr. Valentin Mayerhofer, Entrepreneurship 4 Youth, Austria. MBCET Alumna Entrepreneur Ms. Aswani P. P., EEE 2025, Founder and CEO, Civitric Developers, also participated in the program.



NPTEL COURSE COMPLETION

Ms. Teena Rajan and **Dr. Lani Rachel Mathew**, Asst. Professors, Dept. of ECE have completed the twelve week (Jul-Oct 2025) NPTEL course on Statistics for Biomedical Engineers with Elite and Elite Silver certification.

INTEL COURSE COMPLETION

Dr. Swapna P. S., Associate Professor, Dept. of ECE has successfully completed the online course on "Get started with Generative AI" conducted by Intel.

PAPER PRESENTED

Arjun Sreeraj (Alumnus), **Navaneeth Krishnan** (Alumnus), **Sanjo Joy R.** (Alumnus) and **Dr. M. J. Jayashree**, Professor, Department of ECE and Dean (Academic - UG) presented a paper online titled "Enhancing an emotional support desk robot using machine learning by integrating physical and mental health data" in the 4th International Conference on Intelligent Computing, Information and Control Systems (ICOIICS 2025) organized by Nepal College of Information Technology, Balkumari, Lalitpur, Nepal on 19 Nov 2025.

PLACEMENT UPDATES

Equifax Tech Series at MBCET



EQUIFAX Tech Series at MBCET: Senior Tech Lead Ms. Sumi Sulai and Mr. Guru Prasad from Equifax presented the topic "Zero Trust Environment: The New Standard for Enterprise Security" to the 2026 batch Campus selected students and also to the 2027 batch candidates from MBCET on 06 November 2025.

ASPIRE Academia Delegate Connect



Ms. Sumitra K., Placement officer of MBCET and Mr Vipin Kumar K C (COO, Corporate Relations) represented MBCET at "Allianz Services India - ASPIRE Academia Delegate Connect" on 12 November at Allianz Services, Trivandrum. The event provided valuable insights about company's hiring plans and recruitment strategies for the upcoming placement season.

UPCOMING EVENT



**Transformers to Agentic AI:
Building and Deploying Generative AI Solutions**

Department of Computer Science and Engineering
Center for Computational Intelligence and CyberSecurity

FOR REGISTRATION

Registration Link
<https://forms.gle/PcSKNnNAiYaqSDYb6>
(Or Scan the QR)

PG scholars - Rs. 250/-
Faculty and Research Scholars - Rs.500/-
Industry Participants - Rs. 750/-

Dr Tessa Mathew, Professor, CSED - 9447696899
Dr Neena Raj N R, Assistant Professor, CSED - 8281166589

1 - 6 December 2025



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