



MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

College Code : MBT. Accredited by NAAC with A grade.

MBCET
Bulletin

Five B.Tech Programmes accredited by NBA since 2016.

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PRINCIPAL'S MESSAGE

Water, a vital natural resource, is essential for sustaining life and supporting human activities, whether it is domestic or industrial. In the modern day world, the availability of fresh water is facing many challenges. Water scarcity is a growing problem in many parts of the world, aggravated by climate change and increasing demand. In addition, water quality gets deteriorated with pollution from Industrial discharge, agricultural runoff, and untreated sewage. The World Water Day is observed on 22 March every year to create awareness on the importance of freshwater and the need for the sustainable management of freshwater resources. This also aligns well with the Sustainable Development Goal, SDG 6, focusing on the access to safe drinking water and sanitation for all. The theme for the World Water Day 2025 is Glacier Preservation, highlighting how the rapid melting of glaciers threatens water security and livelihoods. According to UN, frozen reservoirs hold approximately 70% of Earth's freshwater. Hence, preserving glaciers is vital for the well-being of individuals and communities worldwide. Let us be part of this greater movement to conserve this precious resource and ensure a sustainable future for all, starting with our own daily habits and by spreading the message across.

Dr. S. Viswanatha Rao

MOU WITH KERALA WATER AUTHORITY

Mar Baselios College of Engineering and Technology signed an MoU with the Kerala Water Authority



(Govt. of Kerala) on 18 March 2025 to provide an intensive training programme for civil engineering students, with a special focus on water supply and wastewater 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.

WORLD WATER DAY CELEBRATION



The Department of Civil Engineering and Water Management Cell of MBCET celebrated World Water Day 2025 in association with the Engineers' Federation of Kerala Water Authority (EFKWA). The programme was inaugurated by Shri. Roshy Augustine, Hon'ble Minister for Water Resources. The Minister pointed out the importance of "Glacier Preservation" which is the theme of World Water Day 2025.

Er. Praveen K. S., Deputy Chief Engineer, PIU2, KWA, gave a technical talk, and **Er. Krishnakumar V. S.**, Deputy Chief Engineer, PIU2, KWA, along with **Er. Christin Sheena**, Assistant Executive Engineer, KWA, delivered the felicitation address.

Fr. John Varghese, Director, **Dr. S. Viswanatha Rao**, Principal, and **Dr. Jisha S. V.**, HoD, CE Dept., were present during the inauguration.

ATTENDED CYBER SECURITY PROGRAMME



"CybHer SHEcurity" was hosted by the Women in Cyber Security Section of CDAC Thiruvananthapuram as part of the International Women's Day Celebrations 2025. 38 selected female students from S6 CSE, ECE, and EEE (circuit branches) visited the CDAC Technopark Campus and participated in the event. Ms. Dhanya L. K. and Ms. Prathibha S. Nair, Assistant Professors, CSED, accompanied the students.



E-BAAT

The e-BAAT program is part of the RBI's efforts to promote digital payments and financial inclusion. One such program was organized by the RBI, Thiruvananthapuram at MBCET. 110 Engineering students from second and third year participated. **Mr. Mohammed Sajid**, General Manager, RBI Trivandrum, inaugurated the session. **Mr. Monikandan**, Manager, handled the training session. **Mini Balakrishnan**, Manager, **Ms. Anjali**, Assistant Manager were present. Coordinator: **Mr. Vinu V.**, Asst.Prof. (S & H).

ASSISTIVE TECHNOLOGY GROUP- EXTERNAL INTERACTION

Dr. Sreedevi P., Associate Professor (ECD), **Dr. Lani Rachel Mathew**, Assistant Professor (ECD), and **Ms. Vinitha V. K.**, Assistant Professor (CSD), attended a meeting with **Dr. Leena M. L.**, Senior Research Coordinator, and various department heads at the Child Development Centre on 11 March 2025 at Government Medical College, Trivandrum, to discuss how technology can be utilized to address specific challenges faced by clinicians working with children with developmental disorders.

FOOD DONATION DRIVE

The NSS MBCET Units 230 & 706 organized a Food Donation Drive at MBCET on 21 March 2025.



APJAKTU CERD STUDENT PROJECT FUNDING

The project "**Microbial Fuel Cell for Generation of Electricity from Wastewater**," proposed by **Deepika D., L. D. Diya, Roshith D. A., and Sai Krishnan K.** of S8 CE1, under the guidance of **Dr. Archana J. Sathesh**, Assistant Professor, Department of Civil Engineering, received Rs. 24,000 under the APJAKTU CERD student project funding scheme.

CAREER LAUNCHPAD: CYBERSECURITY CERTIFICATE COURSE

The "**Career Launchpad: Cybersecurity Certificate Course**" is a program that equips individuals with the skills and knowledge needed for entry-level cybersecurity roles, regardless of prior experience. 18 students from CSED successfully completed the course. Faculty Coordinator: **Mr. Praveen J. S.**, CSE Department.

CESA TALK SESSIONS ON CAREER ORIENTATION

CESA, the Civil Engineering Students Association, organized two career-oriented sessions for students.

1. Civil Engineering Competitive Exams Orientation was conducted on 11 March 2025 for eighth-semester civil engineering students. The session was led by Civilianz, Trivandrum, a reputed institute specializing in coaching for civil engineering competitive exams.
2. Management Education Orientation was held on 19 March 2025 for sixth-semester civil engineering students. The session was conducted by TIME Institute, Trivandrum.

Coordinators: **Ms. Rintu Johnson** and **Ms. Indu Luke**.

WORLD WATER DAY 2025

The Water Management Cell, MBCET, in association with the Engineers' Federation of Kerala Water Authority (EFKWA), conducted a Poster-making competition on 21 March 2025.



BASIC LIFE SUPPORT (BLS) TRAINING PROGRAM

NSS MBCET Units 230 & 706, in collaboration with Cosmopolitan Hospital, organized a Basic Life Support Training Programme. Date: 21 March 2025, Time: 1:00 PM, Venue: Amenity Centre, MBCET.



EQUIFAX ACADEMIA MEET

Dr. Merlin George, I/c Placement Officer, attended the Equifax Academia Meet and Greet on 18 March 2025, at the Trivandrum office. The event, led by **Mr. Dominic D'Mello**, Head of Early Careers at Equifax, focused on strengthening industry-academia collaboration and exploring future partnerships.





WEBINAR ATTENDED

Ms. Revathy K. P. and Ms. Neetha Chandran, Assistant Professors, EED, attended a webinar on “Artificial Intelligence for Electronics” held on 10 March 2025, organized by the Electronics and Telecommunication Engineering Department, Symbiosis Institute of Technology, Pune.

BEST FACULTY ADVISOR AWARD

Dr. Soumya A. V., Assistant Professor, received the Special Appreciation Award for Best Faculty Advisor from the ISTE Kerala Section.



MBCETIANS WINNERS

The MBCETians secured 1st prize for the Battle of Bands held at IIST on 15 March 2025. Members: Prithvi M. (S6 EE), J. Ananthakrishnan (S6 ME), Megha Mariam Aji (S6 CT), Anzil Asharaf (S6 ME), Seby Toms (S6 ME), Sabarinath S. (S6 CS), and Aromal Ashok (S6 CS).



PAPER PUBLISHED

Maneesha M., Preethi P. C., Harisankar A., Sreeja T. G., Ratheesh Kumar V. K., Sreevidya Thekku Veedu, and Resmi Raghunandan have published a research paper “Engineering ZIF-67 with Heteroatom-Doped Carbon Dots for Ultra-Sensitive and Selective Detection of Serum Albumin in Artificial Body Fluids” in Microchemical Journal, Vol. 210, March 2025, Article 113046 (ISSN 0026-265X).

MALAYALA MANORAMA READERS CORNER

To promote reading among college students, Malayala Manorama, in collaboration with Alibi Cyber Forensics,



inaugurated the Manorama Reader’s Corner at Mar Baselios Engineering College on 19 March 2025. Fr. John Varghese, Director, inaugurated the Corner. Dr. S. Viswanath Rao, Principal; K. M. Shyam, Business Director, Alibi Cyber Forensics; R. T. Sreejith, Circulation Deputy Manager, Malayala Manorama; Binu K. John, Librarian; and Dr. Veena Nair, Assistant Professor, delivered speeches.

WOMEN’S DAY CELEBRATIONS 2025

As part of the International Women’s Week Celebrations, the ISTE SC MBCET SHE Team, in collaboration with IEEE WIE, WSU MBCET, and IIC, successfully hosted “Perspective” – A Talk Session on Women’s Leadership on 7th March 2025. The session featured Ms. Athira J., founder of Chaikaari and an esteemed MBCET Alumna. A total of 56 participants took part in the session. The event coordinators, Ms. Sheenu P., Ms. Ann Mary Alex, Dr. Soumya A. V., and Dr. Sheryl Arulini, along with student coordinators Ms. Reshma R. L. and Mr. Kiran Biju, and execom members, played a crucial role in ensuring the smooth execution of the session. The event concluded with a note of gratitude to the speaker, and Dr. M. J. Jayashree, WSU President and Dean Academics, handed over a memento to the speaker as a token of appreciation.



The Women’s Studies Unit (WSU) MBCET, in collaboration with the Staff Club MBCET, successfully organized an exhibition highlighting artistic excellence by displaying artwork and handcrafted items created by MBCET staff members. The exhibition was jointly inaugurated by Fr. John Varghese, Director and Dr. S. Viswanatha Rao, Principal with Dr. M. J. Jayashree, Dean (Academics) and President of WSU MBCET. The showcase featured a diverse collection of artistic creations, including paintings by Prof. Joseph Cheriyan, Ms. Sruthi Janardhanan (S&H Dept.), and Mr. Vaisakh S. Nair (ME), and photographs by Dr. Deepak Raj (Physical Education). Additionally, the exhibition displayed resin jewellery and bottle art by Ms. Anaswara Johny (S&H), bead jewellery by Ms. Shyju Susan Mathew and Ms. Revathy K. P. (EEE), crochet items by Dr. Manju Dominic (CE), Mr. Aravind S. Sharma, and Ms. Lakshmy (EC), as well as intricate coconut leaf crafts by Mr. Anil Kumar (Office) and Mr. Satheeshan (Security).



Coordinators: **Ms. Sabitha S. Nair** (President, Staff Club) and **Ms. Manju Sreekumar** (Member, WSU).

- On International Women's Day, 8 March 2025, a four-member



team from the Women's Studies Unit visited Unity House in Chitazha.

Alumni Interaction

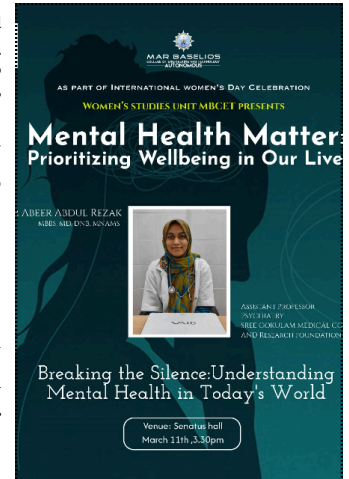
- As part of the International Women's Day celebrations, the Women's Studies Unit (WSU) and the Alumni Affairs Cell at MBCET organized an Alumni Interaction session on 8 March 2024, under the theme "Accelerate Action." The faculty coordinators for the event were **Ms. Asha S.**, **Ms. C. Sojy Rajan**, and **Ms. Surasmi N. L.** The session was attended by 40 participants. The panel discussion featured distinguished alumni, including **Ms. Sarreen Sara Solomon**, Senior Trade Advisor – Energy (Asia-Afghanistan Zone), British High Commission, India (EED Alumni); **Dr. Priya Beena Sudevan**, Geomechanics Engineer, Halliburton, Dubai, UAE (CED Alumni); **Ms. Juliet Jose**, Project Manager, Infosys, Trivandrum (CSD Alumni); **Ms. Arghya P. S.**, Piping Engineer, PETROFAC (MED Alumni); and **Ms. Joylean Anna Kingston**, Application Analyst, Al Masraf Bank, Dubai (ECD Alumni). **Ms. S. Sophy Maris Joy** (S8 EEE) moderated the event.

- Talk on - Rights, Equality and Empowerment was organized by Women's Studies Unit (WSU) and Internal Complaints Committee (ICC) on 11 March 2025.

Adv. Reeya Susan John, Asst. Professor, Mar Gregorios College for Law was the Resource person. Coordinators: **Dr. Tessy Mathew**, Prof., Dept. of CSE and **Ms. Vrinda Prasad**, Asst. Prof., Dept. of CSE.



- A talk "Mental Health Matters – Prioritizing Wellbeing in Our Lives" was organized as part of the Women's Day celebrations on 11 March. Coordinators: **Dr. Swapna P. S.**, Associate Professor in ECE, and **Dr. Sreedevi P.**, Associate Professor in ECE.



UPCOMING EVENT

DEPARTMENT OF MECHANICAL ENGINEERING

YANTHRA '25

PROJECT EXPO

MED MBCET CORDIALLY INVITES YOUR ESTEEMED PRESENCE

24/03/2025 | EXPO TIME -10:00AM - 2:00PM
VENUE : H BLOCK, H207 & H206

Cash Prize and Awards for Expo Winner

Head of the Department Dr. REMIL GEORGE THOMAS PROFESSOR Department of Mechanical Engineering	Expo Co-ordinator Mr. ADARSH V K ASSISTANT PROFESSOR Department of Mechanical Engineering	Project Co-ordinator Dr. VINOD V ASSOCIATE PROFESSOR Department of Mechanical Engineering
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