



PRINCIPAL'S MESSAGE

Water is an essential, limited resource, with only about 0.006% of Earth's total water available as fresh water for human use. Despite 71% surface coverage, most is saline or frozen. Due to increasing population, pollution, and climate change, water conservation is vital, involving rainwater harvesting and reduced daily wastage. World Water Day, held annually on March 22 since 1993, is a United Nations observance focusing on the importance of freshwater, sustainable management, and raising awareness for 2.2 billion people lacking access to safe water. The day supports Sustainable Development Goal (SDG) 6, which aims to ensure universal water and sanitation for all by 2030. Each year World Water Day focuses on a specific aspect of freshwater, such as climate change, groundwater etc. The global water crisis affects everyone – but not equally. According to UN, where people lack the human rights to safe drinking water and sanitation, inequalities flourish, with women and girls bearing the brunt. Hence this year, the theme focuses on the critical relationship between water and gender equality which emphasizes the unequal burden that women and girls face in managing water resources. On this day, let us raise awareness about the need to manage and conserve water for future generations.

Dr. S. Viswanatha Rao

ORGANIC FARMING WORKSHOP

The Waste Management Cell along with Environmental Cell in association with Climate Action



Club, organized a workshop on Organic Farming on 13 February 2026 at the James Watt Hall. The session was led by the Agricultural Officer from Kudappanakunnu Krishi Bhavan, focusing on sustainable cultivation practices and eco-friendly farming techniques. To promote experiential learning, Organic Farming Kits were distributed to participants by the C5 Foundation.

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.

PAPER PRESENTATION AWARD

The paper presented by **Dr. Nidhi M. B., Dr. Soumya A. V. and Ms. Asha S.**, titled “*A Comprehensive AI-Based Framework for Environmental Sustainability and SDG Acceleration in Academic Institutions*” has been honored with the **Best Paper Presentation Award** at the prestigious **National Research Conference and Kerala Higher Education Expo 2026** organized by the **Kerala State Higher Education Council** and the Department of Higher Education, Government of Kerala. The event was held at the Government College for Women from 09 to 11 February 2026.

TECH TALK SESSION ON AI FOR MECHANICAL ENGINEERS

A Technical Talk on “**AI IN MECHANICAL ENGINEERING – The Industry Revolution**” was conducted by the SAE (Society of Automotive Engineers) MBCET chapter on 13 March 2026 at MED Seminar Hall. The Resource person was **Mr. Shanmugam Sivaraman**, a veteran Mechanical Engineer with 30+ years of experience and 150+ product developments. Faculty Coordinators: **Dr. Adarsh S. J., Dr. Vivek V. Kamal**, Student Coordinators: **Gautam S. Warriar (S6 ME1), Sabarinath V. S. (S6 ME2)**.



WOMEN'S DAY CELEBRATION AT APPLIXUS TECHNOLOGIES



Selected female students from the final-year B.Tech batch of the Departments of CSE, ECE, and EEE attended a session at **Applexus Technologies** on 05 March 2026 in the observance of International Women's Day. Faculty Coordinators: **Ms. Prathibha S. Nair, Ms. Vijitha Robinson and Ms. Neethi Narayanan** (Asst. Professors, Dept. of CSE).



WOMEN'S DAY CELEBRATION WEEK 2026: HIGHLIGHTS

• Talk on Mental Health

A talk titled “Mental Health: Nurturing Her Mind, Celebrating Her Power” was organized by the Women’s Studies Unit of MBCET on 4 March 2026 at Senatus Hall.



The session was delivered by **Mr. Vinu Vijayan**, Counseling Psychologist and Social Worker, HLL Lifecare Limited. 90 students participated. Coordinates: **Ms. Teena Rajan** and **Ms. C. Sojy Rajan**.

• Talk on Rights, Equality and Empowerment for Women

An expert talk titled “Rights, Equality and Empowerment for Women” was organized by the Women’s Studies Unit in association with the Internal Complaints Committee on 11 March 2026 in Senatus Hall. The session was delivered by **Adv. Reeya Susan John**, Assistant Professor, Mar Gregorios College of Law.



90 students attended the programme, coordinated by **Ms. Asha S.** and **Dr. Soumya A. V.**

• Alumni Interaction

An Alumni Interaction programme on the theme “Give to Gain” was organized by the Women’s Studies Unit (WSU) and Alumni Affairs Cell of MBCET on 8 March 2026 in online mode through Google Meet. The panelists included **Ms. Anakha Ajith** (M.Des., NIFT Bangalore), **Capt. Vishnu Priya Nair** (Indian Army), **Ms. Gayathri Krishnan** (IAS, Tamil Nadu Cadre), **Ms. Sredha Prem** (Mechanical Engineer, ASM America Inc.), and **Ms. Gowri Nandana T** (Customer Service Associate, Federal Bank Ltd.), who shared insights on career development and personal growth. 48 participants attended, and the programme was coordinated by **Ms. Surasmi N. L.**, Assistant Professor, EED, and **Dr. Veena Nair**, Assistant Professor, S & H.



• A talk by a Woman Entrepreneur

A motivational talk titled “From Dropshipping at 16 to Building AI: What School Never Taught Me” was organized on 9 March 2026 at Senatus Hall to encourage entrepreneurial thinking among students. The session was delivered by **Ms. Meenakshi Bindu Suresh**, Founder and CEO of Innove8or, who

shared her entrepreneurial journey and insights on innovation and artificial intelligence. 75 students participated, and the programme was coordinated by **Ms. Sheenu P.**, **Ms. Ann Mary Alex**, **Dr. Soumya A. V.**, and **Dr. Sheryl Arulini**.

• Zumba Session

A Zumba session for staff members was organized on 9 March 2026 as part of the Women’s Day celebration to promote health and well-being. The session was conducted by **Ms. Devika Santhosh**. Seven staff members participated, and the programme was coordinated by **Ms. Ruby Maria Syriac**.



• Exhibition-cum-Sale

An Exhibition-cum-Sale was organized by the Women’s Studies Unit (WSU) of MBCET in association with the Student Senate and Staff Club on 13 March 2026 at MBCET. The event was inaugurated by **Rev. Fr. John Varghese**, Director, and accompanied by **Rev. Dr. Koshy Issac Punnamoottil**, Bursar, **Dr. S. Viswanatha Rao**, Principal, and **Dr. M. J. Jayashree**, WSU President. The exhibition highlighted a variety of creative works prepared by students and staff, including paintings, handcrafted ornaments, and crochet items. The faculty coordinators were **Ms. Sabitha S. Nair**, **Ms. Manju Sreekumar**, and **Ms. Vichithra V. R.**, and the student coordinator was **Laya Mariam Mathew**.



ISTE MBCET HOSTS "SKILL MAAYA 2026" BOOTCAMP

The ISTE Student Chapter of MBCET successfully conducted SKILL Maaya 2026, a three-day online bootcamp from 10 to 12 March 2026.

Session Highlights : Day 1: AI & Machine Learning – Rahul Raj P. V. introduced 140+ attendees to the fundamentals of AI/ML and their integration into daily life. **Day 2: AI Literacy & Productivity – Dr. Sebastian Antony Ukken** discussed enhancing workplace productivity and the necessity of AI literacy in the modern digital era (105+ attendees). **Day 3: UI/UX Design – Johan S. Varughese (S6 CT)** led a hands-on session on Figma, covering the core principles of User Interface and User Experience design (105+ attendees). The event was coordinated by **Adithya Mohan (S4 EC2)** and **Govind Warriar (S2 EC2)**, with support from mentor **Kiran Biju (S8 CS2)** and the ISTE MBCET Execom.



E- NIX ACTIVITY

OBSIDIAN, organized by e-Nix, the Electronics and Communication Engineering Department Association, was successfully held on the 21st and 22nd of February as a flagship event dedicated to first-year students. The event commenced with an inspiring motivational session by **Mr. Niyas K. Haneefa**, e-NiX Faculty.



FACULTY AS RESOURCE PERSON

Dr. Jayakumari J., Professor, dept. of ECE and International Liaison Officer served as the resource person and delivered an expert session on “Modelling and Simulation of Reconfigurable Intelligent Surface aided millimeter Wave Communication for 6G” during the IEEE sponsored 6-day FDP on “Wireless Communication towards 6G” organized by the Department of Electronics and Communication Engineering, **B. S. Abdur Rahman Crescent Institute of Science & Technology**, Chennai on 07 March 2026



TALK SESSION ORGANISED

The Assistive Technology group, in association with IEEE EMBS SBC MBCET organized a talk session "Inclusive Innovation: Enabling Access" on 27 February 2026 at Shannon Hall. The resource persons were **Mr. Muhammad Janish U.**, Project Research Scientist, NCAHT, NISH and **Mr. R. Deepu Raj**, Senior Engineer, CATI, NISH. The programme witnessed 88 participants. Student coordinators: **Aaron S. Varghese** (S4 ECE), **Malavika A.** (S6 CSE), Faculty coordinators: **Dr. Lani Rachel Mathew**, **Ms. Amritha B.J.** (ECE).



BOOK CHAPTER PUBLISHED

A book chapter titled “Signal Processing Techniques for 6G Wireless Networks: Potential Applications, Trends, and Challenges”, authored by **Dr. Vineetha Mathai**, **Merin Philip** and **Salga Ann Jacob**, Assistant Professors, dept. of ECE has been published in the book Signal Processing Roadmap: Technologies, Application, and Future Directions by Elsevier. The book was officially released in March 2026 with ISBN: 978-0-443-33172-5.

IEDC TRIVANDRUM CLUSTER HACKATHON WINNERS

The IEDC Trivandrum Cluster Level Ideathon, organized by Kerala Startup Mission was held from 24 to 27 February 2026. Six teams, represented MBCET under various themes. The team led by **Mr. Aromal H. R.** of S6 ME1 won the Cluster-Level Ideathon under the theme “Innovative Solutions for Sustainable & Smart Port Ecosystems”, held at Sree Chitra Thirunal College of Engineering on 26 February 2026. The team was honoured at the IEDC Startup Summit held at Amal Jyothi College of Engineering, Kanjirapally on 07 March 2026. Team Members: **Mr. Aromal H. R.**, S6 ME1 **Ms. Amritha B. N.**, S4 EL **Mr. Farhan Ahammed**, S4 EL **Ms. Anagha Santosh**, S4 EL, **Mr. Adwaith A.**, S4 EL, **Mr. Nakul Suresh**, S4 EL.



MBCET AT IEDC STARTUP SUMMIT 2026



A team of 17 students and two faculty members from MBCET attended IEDC Startup Summit, held at Amal Jyothi College of Engineering, Kanjirapally on 07 March 2026. Catalyst IEDC, MBCET, also received an Award 'Aspiring Leader' for the entrepreneurial endeavours in 2022-23. Faculty members, **Mr. Sherry Varghese George** and **Mr. Jithin M. George** (ECED) also attended the Nodal Officer's Meet on 6 March at the same venue. **Ms. Angeline Ann Renji** and **Ms. Aleena Liz Thomas** (S4 EC) attended the Student Leads Meet on 06 March.

SEMINAR ATTENDED

Dr. Anil J., Asst. Professor, EED attended a seminar on “Understanding Hydrogen Fuel Cell Technology and its Application”, organized by Baslios Mathews II College of Engineering, Sasthamcotta and sponsored by Anusandhan National Research Foundation, Ministry of Science and Technology, Government of India, New Delhi held on 12 and 13 March 2026.

PAPER PUBLICATION

- The paper titled "**CookIS: Your AI-Powered Cooking Companion,**" authored by **Mr. Aadithya S. L., Mr. Anandadev A., Mr. Ashvin P. Kumar, Ms. Aynamfathima,** (S8 CT) and **Ms. Neethi Narayanan** (Asst. Professor, Dept. of CSE), is published in the official conference proceedings of the *International Conference on Multidisciplinary Perspectives in Advanced Computing and Technology* (IMPACT-2026).
- The paper titled "**An Attention-Enhanced CNN-BiLSTM Model for Speech Assessment of Hard-of-Hearing Speakers,**" authored by **Dr. Jesna Mohan** (Assoc. Professor, Dept. of CSE) has been published in IEEE Access, 2026. doi:10.1109/ACCESS.2026.3673713

PAPER PRESENTATION

- **Dr. Swapna P. S.,** Associate Professor, Department of ECE, presented a paper titled "Internet of Things for Precision Agriculture: Advanced Solutions for Crop Prediction, Monitoring and Security Systems" at the 4th IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation organized by the Department of Electrical and Electronics Engineering of the Indian Institute of Information Technology and Management, Gwalior, India, in association with the IEEE Madhya Pradesh Section, on 12 March 2026.
- **Ms. Shyju Susan Mathew,** Asst. Professor, EED presented papers entitled "Cartesian Space Computed Torque Control of a 6 DoF Mobile Manipulator" and "Dynamic Interaction Compensation of 6 DoF Mobile Manipulator: Modeling, Control Design and Comparative Performance Analysis" at the Fifth International Conference on Power, Control and Computing Technologies (ICPC2T-2026) held from 11 to 13 March 2026, hosted by the Department of Electrical Engineering, National Institute of Technology, Raipur.

FDP ATTENDED

Dr. Lakshmi J. S., Dr. Renjini M. Nair, Dr. Preethi P.C and Dr. Veena Nair, Asst Professors (S & H) participated in the 5-Day Online Faculty Development Program (FDP) on "Transforming Healthcare with artificial intelligence: Innovation, Application, and future directions" held by Department of Biomedical Engineering and Electronics & Communication Engineering, Al Azhar College of Engineering & Technology, Thodupuzha from 23 to 27 February 2026.

VIKSIT BHARAT SHIKSHA ADITHSTAN (VBSA) BILL 2025



Rev. Fr. John Varghese Palanilkunnathil, Director **Dr. Viswanatha Rao,** Principal, **Dr. Nisha G. K.,** IQAC Coordinator and Professor of EEE, participated in a discussion regarding the Reimagining Higher Education Governance: **Viksith Bharat Shiksha Adithstan (VBSA) Bill-2025.** The event was organized by Vidhyabyasa Vikasa Kendram, in collaboration with Sree Narayana Gurukripa B.Ed College, Pothencode, on 14 March 2026.

MBCET WINS 13TH MAR BASELIOS TROPHY



MBCET's Men and Women teams lifted the 13th Mar Baselios Champions trophy. **Mr. Vinod Kumar S.** (Joint Commissioner of Excise) was the Chief Guest for the inauguration. **Mr. Ashin Xavier Philip** (Executive Engineer, Research & Dam Safety Division, Kerala State Electricity Board Limited) and alumnus and former Basketball player of our college was the guest for the closing ceremony.

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