



PRINCIPAL'S MESSAGE

The increasing trend in substance abuse and its disastrous impact in our society has been one of the major problems being widely discussed in the State in recent days. The government has initiated a number of measures to combat this menace. In the modern world, addictions extend beyond substance abuse. Behavioural addictions like excessive use of the internet, social media, and smartphones can lead to problems, potentially causing anxiety and distress. Addiction lead to serious health problems, including physical and mental health issues. Addiction can negatively impact relationships, and overall quality of life. Taking time for self-care is crucial for maintaining mental and emotional health. Engage in regular activities that make you feel good about yourself and that you enjoy. It could be anything from reading a book, engaging in arts, sports or games, taking a walk in nature, or spending time with family and friends. Participating in volunteer work can provide a sense of fulfilment and purpose. When you help others, the focus shifts away from your own struggles and you feel more connected to others. Stay committed to your journey, and know that every step you take towards being addiction-free is a step towards a brighter, healthier future.

Dr. S. Viswanatha Rao

APJAKTU CERD STUDENT PROJECT FUNDING

The following Project was sanctioned: Name of the Project: **Eye Gaze Controlled Standing Wheelchair**. Team members: **Ansil Muhammed A., Mithra Manual, Sruthi Sreenath and Adith B.** Guides: **Ms. Amritha B. J.**, Assistant Professor and **Dr. M. J. Jayashree**, professor and Dean, Department of ECE. Sanctioned Amount: Rs. 20,100/-.

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.

ANTI-NARCOTIC CELL MBCET- REPORT ON DRUG FREE PLEDGE

The Drug-Free Pledge as part of "Samam Campaign," held at the Nishagandhi Auditorium, Thiruvananthapuram, on 19 March 2025, was a significant initiative aimed at promoting awareness against drug abuse among college students. The event was organized by the Kerala Folklore Akademi in collaboration with the Directorate of Culture, Government of Kerala. 25 students, including those from the Anti-Narcotic Cell at MBCET, along with **Ms. Surasmi N. L. (EED)** and **Mr. Melvin Jacob (MED)**, Associate Faculty Advisors of the Anti-Narcotic Cell participated in the event.

SERVED AS JUDGE

Ms. Deepthi K. Moorthy, Asst. Prof., in CSE served as the judge for the Paper Presentation hosted by Mohandas College of Engineering and Technology on 21 March 2025.



GOOGLE CLOUD CAREER LAUNCHPAD CERTIFICATE

Dr. Priya Mariam Raju, Assistant Professor, Dept. of CSE, received the Google Cloud Career Launchpad Certificate for facilitating students (S6 and S8) in Google Cloud Career Launchpad program at MBCET from September 2024 to March 2025.

INVITED TALK

An invited talk on "**Introduction to Vega Processors**" was conducted for the second-year Electrical and Electronics Engineering (S4 EE) students. **Ms. Neetha Maria**, Scientist at CDAC, Thiruvananthapuram, was the Resource Person.

FDP ATTENDED

- **Dr. Tessy Mathew** (Professor), **Dr. Jisha John** (Professor & HoD), **Dr. Priya Mariam Raju** (Asst. Professor) and **Dr. Neena Raj N R** (Asst. Professor), Dept. of CSE, attended the 40 hours Online Faculty Development Programme on *“Artificial Intelligence for Machine Vision and Medical Imaging Applications,”* sponsored by Ministry of Electronics and Information Technology, GoI, organized by E&ICT Academy, NIT Warangal, Telangana State and Department of Electronics and Communication Engineering, NIT Warangal, during 26 December 2024 to 6 January, 2025.
- **Ms. Gauri Shree V K** (Assistant Professor, CSED) participated in five days Faculty Development Program on *“A Systematic Way of Research Paper Writing,”* organised by the Research Foundation of India from 18 to 22 March 2025.

FACULTY ACHIEVEMENT

Ms. Lekshmi Chandran M., Assistant Professor (Civil), successfully defended her Ph.D. thesis titled *“Performance Evaluation of Coir Composites for Ground Vibration Isolation”* at the Department of Civil Engineering, College of Engineering Trivandrum, on 19 March 2025.

PAPER PUBLICATION

Ms. Shyju Susan Mathew, Assistant Professor, EED published a paper titled *“Analysis of Design Considerations for a 6 DoF Mobile Manipulator Based on Manipulability Measure”* in Journal of Robotics and Control (JRC).

PARTICIPATION IN THE TWO-DAY INTERNATIONAL COLLOQUIUM

Dr. Jaya S. Pillai and **Ms. Rintu Johnson**, faculties of the Department of Civil Engineering participated in the two day International Colloquium on Translational Engineering and Research (ICTER 2025) organised by Translational Research and Professional Leadership Center (TPLC) and Dept. of Information Technology, Govt. Engineering College Barton Hill, Thiruvananthapuram from 21 to 22 March 2025.

YANTHRA '25 – ME PROJECT EXPO



An exhibition showcasing the works of final-year Mechanical Engineering students was held on March 24, 2025, at the Department of Mechanical Engineering. The event was inaugurated by **Fr. John Varghese Palanilkunnathil**, Director, in the presence of **Dr. S. Viswanatha Rao**, Principal, **Dr. Remil George Thomas** (HoD-ME), **Dr. Vinod V.**, Project Coordinator, and **Mr. Adarsh V. K.**, Expo Coordinator.

13 projects were exhibited. The projects showcased innovations in areas like renewable energy, medical technology, waste management, surveillance systems, and quadcopter control.

The Best Prototype Award was presented to the project *“Design and Fabrication of a Diaper Recycling Device”* by **Adithyan S. Kumar**, **Ayvinn Ajith**, **Nandana M.**, and **Sidan Ahammed S.**, guided by **Dr. Nidhi M. B.** The project provided an eco-friendly solution for effective diaper waste management.

The Best Simulation Project Award was given to the project *“Effect of Dimples on Aerodynamic Performance of NACA 4412 Aerofoil”* by **Adhil Navas**, **Ananth P. Nampoothiri**, **Darsan Devanand**, and **Vighnesh B.**, under the guidance of **Dr. Rajesh T. N.** and **Mr. Vaisakh S. Nair.** The project highlighted advancements in aerodynamic design using innovative simulation techniques.

Certificates and cash prizes were awarded to the Winners. Yanthra '25 stood as a testament to the students' hard work, creativity, and commitment to Engineering excellence.



IPA STUDENT CHAPTER - WPD & FOUNDERS DAY CELEBRATION 2025



The Indian Plumbing Association (IPA) Student Chapter conducted a Poster & Essay Competition as part of the WPD & Founders Day Celebration 2025 on 4 March 2025. The Prize distribution took place at Laurie Baker Hall, Civil Department, MBCET on 19 March 2025.

The prize distribution was done by Er. K. Nandakumar, Chairman of the IPA Trivandrum Chapter, in the presence of experts from IPA Trivandrum Chapter, Dr. Jisha S.V., Head of the Department and Ms. Radhika P., Convener IPA MBCET Students Chapter.

INTERNATIONAL SYMPOSIUM ON SUSTAINABLE PRACTICES IN GEOTECHNICAL ENGINEERING

Ms. Diana Alice Sugunan, AP, CED, attended the International Symposium on Sustainable Practices in Geotechnical Engineering, held from March 19 to 21, 2025, at the Marian Engineering College, Thiruvananthapuram, organized by the IGS Students' Chapter in collaboration with the IGS Thiruvananthapuram Chapter and TC 307 of ISSMGE.

ORIENTATION SESSION FOR FIRST-YEAR CIVIL STUDENTS

The Department of Civil Engineering conducted an insightful session titled "Backbone of Civilization: Exploring the World of Civil Engineering" for 1st year Civil Engineering students on 20 March 2025. Er. Famy S. Maheen, a Doctoral Research Fellow from the Indian Institute of Technology Bombay, delivered an online session, sharing her expertise and experience. The session coordinated by Ms. Jean Molly Simon and Dr. Anupama Krishna D., Assistant Professors, CED gave deeper insights into the evolving world of Civil Engineering.



PROJECT EXPO HELD

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING PRESENTS

PROX

FINAL YEAR PROJECT EXPO

GUEST OF HONOUR: **MR. MAHESH P**
Senior Manager-R&D
Hykon India Ltd.

28 MARCH 2025
10:00 AM ONWARDS
SHANNON HALL

28th March, Friday
From 10:00 am
Venue: Faraday Hall

BEST PROJECT TO BE AWARDED A TOTAL CASH PRIZE OF ₹3000

28 MARCH 2025
10:00 AM ONWARDS

DEPARTMENT OF CIVIL ENGINEERING

CIVIX 2025

THE PROJECT EXPO

GUESTS OF HONOUR

Mr. Anoop John
CEO, IQ Architecture Design and Construction & Chairman, Sakshita Builders and Developers (P)

Mr. Abhijith Ravikulmar
Assistant Director
Flexible Pavements Division
Kerala Highway Research Institute

Mr. Rohit Joseph
Structural Engineer
Midea IT

NIRMITHI (G-BLOCK), GROUND FLOOR
www.mbcet.ac.in

INVITED TALK

MISSION BETTER TOMORROW

BEHAVIOURAL AND EMOTIONAL CHALLENGES

SOUTHERN REGION STAKEHOLDER CONSULTATION - THIRUVANANTHAPURAM

28, MARCH 2025
2:30 PM - 5:00 PM

HIS BEATITUDE MORAN MOR BASELIOS CARDINAL CLEEMIS CATHOLICOS
MAJOR ARCHBISHOP OF TRIVANDRUM

MR P VIJAYAN IPS
ADGP, INTELLIGENCE, KERALA

MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

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