



## PRINCIPAL'S MESSAGE

Saving energy is one of the significant steps to becoming more eco-friendly and green. One of the meaningful ways to save energy is to use environment-friendly natural resources, such as harnessing renewable energy sources, like solar and wind power, and conserving oil, gas, and coal. When we use more efficient forms of energy, we reduce greenhouse gas emissions that contribute to climate change. Energy conservation regulations often target these practices for safeguarding of the environment. There is also a need to reduce our reliance on non-renewable resources, such as fossil fuels. The rise of global warming has been attributed to increased energy consumption. With the effects of global warming and climate change becoming more apparent, conserving energy has become vital. Through energy conservation, we can reduce our carbon footprint and minimize the effects of global warming before it gets even worse. One way to identify where and how energy is used in a building or plant is to perform energy audits that will help to adopt better Energy Management practices. Energy conservation is essential for achieving Sustainable Development Goals. This needs to be considered with at most importance whether it is at an individual level, corporate level or through the initiatives of the government.

**Dr. S. Viswanatha Rao**

## INFOSYS SPRINGBOARD CERTIFICATION

**Ms. Poorna B. R.**, Asst. Prof., Dept. of CSE, completed the courses “**Introduction to Deep learning**” and “**Software Engineering**” offered by Infosys Springboard.

## EDUCATION CONCLAVE ATTENDED

**Dr. Veena Nair**, Asst. Prof. (S & H) attended the four day education conclave- Udayama 1.0 from 7 to 10 December 2024.

**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.

## MOU with UITM MARA



In continuation with successful MOU execution and 17 activities under UITM MARA further deliberations were attempted for Students and Faculty mobility as part of the initiative. **Prof. David** from **UITM MARA** visited MBCET on 10 Dec 2024. **Dr. Nidhi M. B.** Co-ordinated the Meeting.

## WORKSHOP ATTENDED

**Dr. Dishore S. V.** and **Dr. Soumya A. V.** from EEE Department attended a workshop on “**Promotion and Development of New and Innovative Solar PV applications in selected Indian Cities (Capacity Expansion Discussion on NISA Technologies in Kerala)**” conducted by ANERT as a part of Indo-German Solar Energy Partnership-Innovative New Solar Areas (IGSP IN-Solar) on 10 December 2024 at Thiruvananthapuram .



## PAPER PRESENTATION

**Dilsa M., Greeshma G., Sona Mary John** and **S. P. Balasubramaniam** of the Semester 8 CE2 batch, presented a paper titled “**Impact of threshold Rainfall on Landslides: A case study of Kerala**” at the second International Conference in Civil Engineering for Sustainable Planet (ICCESP), held at Marian Engineering College, Thiruvananthapuram Kerala, from 6 to 8 December 2024. The project was guided by **Dr. Alice Thomas**, Assistant Professor Department of Civil Engineering.



## STTP PROGRAMME ON "MACHINE LEARNING "



The Dept. of EEE conducted a **Short-Term Training Program (STTP)** on **"Machine Learning Fundamentals and Applications"** from 2 to 7 December 2024. The program was inaugurated by **Dr. S. Viswanatha Rao**, Principal, in the presence of **Dr. Elizabeth Varghese**, HoD. **Dr. Athira U.**, Data Science Manager and Lead at EY, delivered the keynote address and the first session on **"Introduction to Machine Learning and Data Science."** The week-long program included engaging sessions by distinguished resource persons from academia and industry. 60 participants including students, research scholars, faculty members, and professionals from various institutions and industries attended the Programme. The valedictory session featured certificate distribution by the **Principal, Dr. Nisha G. K.**, and **Dr. Elizabeth Varghese**. A report on the program was presented by **Ms. Sheenu P.**, STTP Coordinator and the vote of thanks presented by **Mr. Midhun. G.**, STTP Coordinator. The event was sponsored by IET and Hykon.

## FDP ATTENDED

**Dr. Jayakumari J.**, Prof., Dept. of ECE and International Liaison officer completed AICTE ATAL FDP on **"Research applications in Artificial Intelligence and Machine Learning"** at St Xavier's Catholic College of Engineering (Autonomous), Chunkankadai, KK Dist. Tamilnadu from 02 to 07 December 24

## FACULTY AS RESOURCE PERSON

**Dr. M. Satyakumar** Professor, Department of Civil Engineering, chaired a session on Transportation Engineering at the Second International Conference in Civil Engineering for Sustainable Planet (ICCESP), held at Marian Engineering College, Thiruvananthapuram Kerala, from 06 to 08 December 2024.

## FDP ORGANISED

AICTE sponsored ATAL one week Faculty Development Programme (FDP) on **"5G and Beyond: Research Directions and**



**Opportunities"** was organized by the Dept. of ECE from 2 to 7 December 2024. Co-ordinators: **Dr. Swapna P. S.**, Assoc. Prof. and **Dr. Vineetha Mathai**, Asst. Prof., Dept. of ECE.

## NPTEL COURSE COMPLETED

**Ms. Manju Suresh**, Sr. Grade Instructor, Dept. of ECE, completed a 12 week NPTEL course on **"Design & Implementation of Human-Computer Interfaces"** from July to Oct. 2024 and obtained Elite certification.

## PLACEMENT NEWS

### • UST Global Pool Drive

UST Global organized a pool drive on 6 December 2024. 9 CSE students secured positions at the renowned company. The drive included participation from other esteemed institutions such as College of Engineering Trivandrum, LBS Institute of Technology, Barton Hill College, and SCT College.



### • Equifax Recruitment Drive



Equifax conducted a pool drive on 10 December 2024. The event witnessed participation from TKM College of Engineering and Marian Engineering College in addition to MBCET. Shortlisted students from the CSE and ECE departments will have to attend an online HR interview to complete the final selection process.

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