# MBCET e-bulletin

## MAR BASELIOS
### COLLEGE OF ENGINEERING AND TECHNOLOGY
A U T O N O M O U S

*Accredited by NAAC with A Grade . Five B.Tech programmes accredited by NBA since 2016*

## Principal's Message

Water is precious and is next to air in its importance in sustaining our life. But eventually water also contributes to food production. World Food Day is celebrated every year on October 16 with a view to commemorate the date of the founding of the United Nations Food and Agriculture Organization (FAO) in 1945. The theme for World Food Day of 2023 is "Water is life, Water is Food". We know that water availability affects every aspect of human life, especially food and nutrition security. If we have a more egalitarian outlook, we can see that every flora and fauna can be existing only if we have water in its pure form or edible form. Long years of poor water management, misuse, pollution and the climate crisis have degraded freshwater supplies and the ecosystem. Rain-dependent crops have given way to artificial means of supplying water through the irrigation systems. Irrigation is an effective measure to make agriculture resilient and also allow farmers to cultivate a variety of crops. But, excess use of pesticides, fertilizers and other chemicals can leave the water bodies polluted. Therefore, let all of us be careful about the use of water, day in and day out, and also be aware of the consequences that can cause serious damages to the ecosystem around us through the pollution of water.

As Sun Tzu puts it " Water is soft and yielding; yet it has no equal for power". Let's be warned.

**Dr. Abraham T Mathew**

## GATE Coaching

The Department of Civil Engineering is offering GATE Coaching classes for selected students in the final year and pre final year of the study for cracking GATE 2024. Sessions and mentoring are given by the Department Faculty.

## Expert Talk on Value of IEEE Explore & Ebsco E-books In Research, Placement & Career Development



**MAR BASELIOS**
COLLEGE OF ENGINEERING AND TECHNOLOGY
**AUTONOMOUS**
Thiruvananthapuram, Kerala

**EXPERT TALK ON**

"Value of IEEE Xplore & EBSCO eBooks in Research, Placement & Career Development "

Organized by
**Department of Computer Science & Engineering**
In association with CSI MBCET

**Resource Person**
Nanda Lal T.S
(BBA, MLISc, UGC NET & JRF)
Senior Training Manager - South India
EBSCO Information Services, New Delhi

Department of Computer Science and Engineering organized an Expert Talk on 'Value of IEEE Explore & EBSCO E-Books in Research, Placement & Career Development', on 5 October 2023 for the final year students of the Department. The talk was delivered by **Mr. Nanda Lal.T.S**, Senior Training Manger-South India EBSCO Information Services, New Delhi. Faculty Coordinator: **Ms. Deepthi K Moorthy.**

**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.*

## Ph.D Guideship

APJAKTU has approved the Ph.D guideship request of **Dr. Krishnamohan G.P**, Associate Professor of Science and Humanities Department.

## Proficiency Certificate

**Ms. Lekshmy S**, Asst. Professor, Dept. of ECE successfully completed the Skill Development Training Program on 'Internet of Things-PHASE III' and scored above 75% in the final assessment under the joint venture of ISTE & BNY Mellon.

## Webinar Attended

**Dr. Veena Nair**, Asst. Prof., S & H participated in an online webinar titled 'AI powered Academic Writing' held on 10 October 2023 by EdulearningHub.

## Career Guidance Talk

The Department of ECE organized a session on 'Career Guidance for Higher Studies' for S7 ECE students on 11 October 2023 by **Mr. Salim Peter**, Manager, Presidency University, Bangalore. **Mr. Niyas. K. Haneefa**, Assistant Professor, ECED, coordinated the session.

## Spandanam Activity



As part of the Spandanam (Social Service wing of Dept. of ECE, MBCET) activity, monetary support was given on 11 October 2023 to a needy patient who undergoes dialysis twice a week in Powdikonam, Thiruvananthapuram.

## Expert Talk

The Department of ECE organized an expert talk session on the topic 'Value of IEEE Xplore & EBSCO ebooks in Research, Placement & Career Development' for the final year students on 5 October 2023. The Resource Person for the session was **Mr. Nanda Lal T. S.**, Senior Training Manager-South India, EBSCO Information Services, New Delhi. Staff Coordinator: **Mr. Binu K John**, Librarian, **Dr. Swapna P. S.**, Assoc. Professor, ECED and **Ms. Ann Mary Alex**, Asst. Professor, ECED.

## Paper Presentation

**Mr. H. Aravind Sarma**, Asst. Professor, Dept. of ECE presented a paper titled 'Deep Learning based Real-time Fall Detection Model' in the IEEE sponsored International Conference on Emerging Techniques in Computational Intelligence (ICETCI 2023) organized by the Mahindra University, Ecole Centrale School of Engineering, Hyderabad, India from 21 to 23, September 2023.
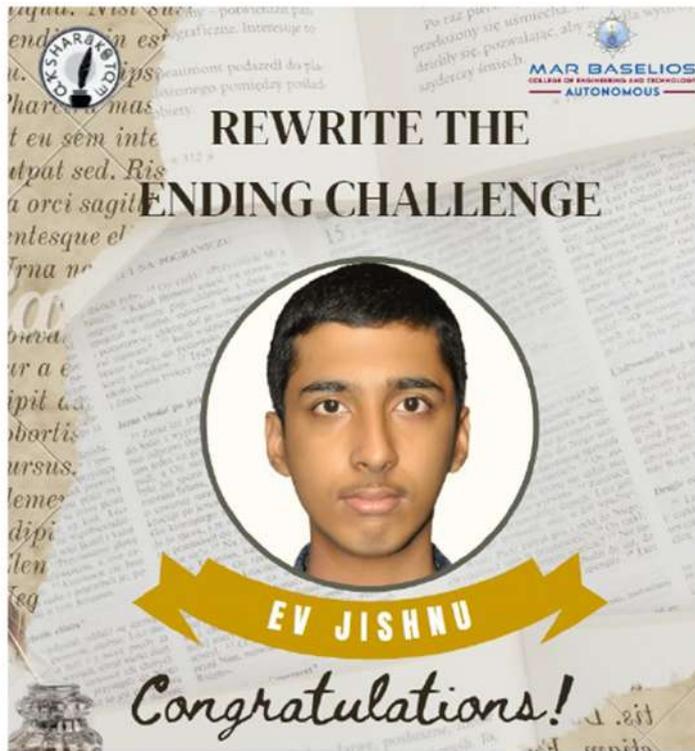
## UHV

**Dr. S. Ushakumari**, Dean, Corporate Relations and Professor, EED was the resource person for the FDP on "Universal Human Values" organized in KMEA Engineering College in collaboration with AICTE for the faculty of Engineering colleges from 5 to 7 October 2023. She also delivered a talk on the topic "Universal Human Values (Session 3)" on 20 September 2023 at Visvesvaraya Bhavan, Institute of Engineers (India), Thiruvananthapuram.

## Participation in MuLearn Event

**Mr. Arun J S** (Asst. Professor, Dept. of ECE) and Ms. Vishagini.V (Asst. Professor Dept. of CSE) participated in the 2-day event on 'Education 4.0 - Investing in the Future of Jobs & Skills' on 6 and 7 October 2023, organized by the G Tech MuLearn.

## Aksharakootam



Aksharakootam recently celebrated the birth anniversary of the renowned mystery writer, Agatha Christie to mark the occasion, they organized the 'Rewrite the Ending Challenge'. Participants were tasked with rewriting the conclusion of her famous novel, 'Murder on the Orient Express'. The winner of this challenge was **E.V. Jishnu**, S1 CS2

## Library News

MBCET Library conducted seminar "Effective Utilization of the Library and the E-Resources of MBCET" for S7 CE & ME BTech students on 6 & 11 October 2023. The Resource Person was **Mr. Binu K John**, Librarian.

## Courses Completed

**Dr. Dishore S V,** Assistant Professor, EED, successfully completed a 30 hrs Course on "Compendium of Electric Vehicle Engineering" organised by the Department of EEE & Centre for Continuing Education, Sri Ramakrishna Engineering College, Coimbatore, Tamilnadu.

## Awareness Session



**Ms. Revathy K P**, **Ms. Neetha Chandran** and seven students from Electrical and Electronics Engineering Department, **Dr. Nidhi M. B.**, **Ms Ruby Maria Syriac** and **Aislin C. ($S_7ME_2$)** from Department of Mechanical Engineering, MBCET attended an Energy Conservation Awareness session organized by Energy Management Centre (EMC), Dept of Power, Govt. of Kerala on Oct 07, 2023. The classes were taken by officials from Energy Efficiency Services Limited (EESL) and Asian Development Bank (ADB). The event focused on capacity improvement of women Technocrats on the possibilities of Energy conservation and its practical implementation in the State.

## MOOC Course

**Dr. Dishore S V**, Assistant Professor, EED, successfully completed the 4-week NPTEL course on 'Fundamentals of Electronic Device Fabrication ' with Elite certificate, conducted by IIT Madras during July-Aug 2023.