



## PRINCIPAL'S MESSAGE

World Climate Summit 2023 is happening in Dubai during the period from 30 November to 12 December 2023. All those who are keen to see the drastic deceleration in the climate change are looking forward to seeing very fruitful negotiations at Dubai. World Climate Summit is looked upon as a platform for global climate action. (<http://cop28.com>) Working across sectors, the Summit is expected to forge public-private partnerships and to build strong alliances to accelerate the decarbonisation of the Industries and Supply Chains, including the hard-to-abate sectors, in order to reach the 2050 Carbon Neutral Climate Targets. Carbon Neutral condition is theoretically possible when the carbon dioxide produced is reduced to the minimum possible levels and the ecosystem would recycle the CO<sub>x</sub> completely. Let us hope that the big players would yield to the call and the future generations would be happy to live on this planet Earth. Engineers have very critical roles to play in realizing the state of the Carbon Neutral conditions through inventions and innovations.

**Dr. Abraham T Mathew**

## ACE UNVEIL



The inaugural ceremony of ACE titled "ACE UNVEIL," held on 24 November 2023 was inaugurated by **Dr. Brijesh Madhavan**, CEO of Curvelogics Advanced Technology Solutions Pvt. Ltd. **Mr. Alex Varghese**, an alumnus of MBCET and Senior Cybersecurity Architect at Oracle India spoke on the occasion. Our Principal, Vice Principal and Head of Department (HOD) spoke on the occasion. A Session named ACE LAUNCHPAD, for first year students, was conducted. Faculty Coordinators: **Mr Praveen G L, Ms. Deepthi K Moorthy**. Student Coordinators: **Elizabeth Syam, Abraham Aniyam Varghese**.

## INDUSTRIAL VISIT TO MILMA



As part of the National Milk Day celebrations on November 26 and 27, commemorating the 102nd birth anniversary of Verghese Kurien, the Father of the White Revolution in India, the Thiruvananthapuram Regional Milma Production Unit opened its Thiruvananthapuram Dairy at Ambalathara to the public to get an idea about the stages of milk production process. The second-year students of Dept. of EEE visited the production unit on 27 November 2023. The students were accompanied by their Faculty Advisors.

## DEKATHON 2.0 WINNERS



A Team consisting of **Abhilash George** (S5 CS2), **Johann Joshua Knox** (S5 CS2) and **Ann Santhosh** (S5 EC2) won second place in Dekathon 2.0, held at

St Thomas College, Chengannur. They received 25,000/- cash prize as well as a fully sponsored one week internship at FabLab KSUM, Kochi.

**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.



## HANDS-ON WORKSHOP ON “OBJECT ORIENTED DESIGN(JAVA)”



Department of Computer Science and Engineering in association with CSI MBCET, conducted a hands-on workshop on “Object Oriented Design(Java)” for S3 B-Tech CSE Students on 25 November 2023. **Ms. Anjali C**, Senior Software Engineer at Ospyn Technologies gave students an insight on Java concepts of Lambda expressions and Collections. Faculty Coordinators: **Ms. Lino Zachariah**, **Ms. Gauri Shree V K**. Student Coordinator: **Nandini Krishna S3 CS2**.

## FACULTY ACHIEVEMENT



**Mr. Shiras S N**, Asst. Prof., Dept. of ECE, completed a 12 week NPTEL course on "Introduction to Wireless and Cellular Communications" from July to October 2023 and obtained Elite certification.

**Ms. Anu Susan Philip**, Asst. Prof., Dept. of ECE, completed a 12 week NPTEL course on "Understanding Incubation And Entrepreneurship" from July to October 2023 and obtained Elite certification.



**Ms. Merin Philip**, Asst. Prof., Dept. of ECE, completed a 12 weeks NPTEL course on "The Joy of computing using Python" from July to October 2023 and obtained Elite certification.

## FDP ATTENDED



**Dr. Neethu Roy**



**Dr. Jisha S V**



**Ms. Anupama Krishnan**

Faculties of Civil Engineering Department, **Dr. Neethu Roy**, **Dr. Jisha S V** and **Ms. Anupama Krishnan** attended an FDP on "Application of Machine Learning in Transportation Engineering" organised by Department of Civil Engineering and Department of Electronics and Communication Engineering, College of Engineering Trivandrum from 20 to 24 November 2023.

## ISTE NEWS

### Seize The Lens



On November 21, ISTE MBCET held a videography competition called 'Seize the Lens' as part of World Television Day. Contestants had to create two-minute videos with 'Nature' content as the highlight and theme. The winners will be announced shortly.

### National Cancer Awareness Day Poster Making Competition Winners

#### 1st Prize



**R J Sharon**  
S1CS2

#### 2nd Prize



**N Namitha**  
S1EC1

To raise awareness about National Cancer Awareness Day (07 October), ISTE MBCET held a poster making competition with the theme 'Uniting for the cure of cancer'. Many took part in the competition. Winners: First prize - **R J Sharon** (S1CS2), Second prize - **N Namitha** (S1EC1).

### Children's Day Competition - Winners



**Thaznim N S**  
(S5ME TKM)



**Sneha Ann Thomas**  
(S5 Barch TKM)



**Jeeva S Jerry**  
(S1 CS MBCET)

ISTE MBCET hosted a memory sharing competition called “Once Upon a Time” in honor of Children's Day. Winners: First prize- **Thaznim N S** (S5ME TKM), Second prize – **Sneha Ann Thomas** (S5 B.Arch TKM), Third prize – **Jeeva S Jerry** (S1 CS MBCET).



## Ph.D AWARDED

**Ms. Elizabeth Varghese**, Assoc. Prof. and HOD EEE has been awarded the PhD by the University of Kerala for her thesis entitled "Design of Fractional Order Controllers for Launch Vehicles" Date of Conferment: 28 November 2023.



## Ph.D DEFENCE

**Ms. Soumya A V**, Asst. Prof., in EEE has successfully defended her Ph.D. thesis entitled "Artificial Intelligence based Signal Processing Approach for Islanding Detection in Microgrid" at Vellore Institute of Technology, Vellore, on 27 November 2023.



## KERALA LEADERSHIP SUMMIT

**Dr. Nisha G K**, Prof., EED attended the Kerala Leadership Summit, a gathering of women leaders from different Industries and Government Organisations, organised by IEEE WiE Kerala Section as part of WiECON-ECE'23 on 26 November 2023 at Hotel Apollo Dimora, Trivandrum.



## STREET PLAY – NSS ISTE JOINT ACTIVITY



As part of International day for 'Elimination of Violence against Women', NSS units 230 and 706 jointly with ISTE SHE MBCET conducted a street play at the premises of Kanakakunnu Palace, Trivandrum on 25 November. The event was inaugurated by **Ms. Sunanda Nalini**, Former Child Welfare Committee Chairperson and Member of Kerala Child Welfare Commission. **Ms. Revathy K P**, Asst. Prof. EED, **Ms. Soumya A V**, Asst. Prof. EED, **Mr. Praveen J S**, Asst. Prof. CSED, **Mr. Praveen G L**, Asst. Prof. CSED accompanied the Team along with volunteers of NSS and ISTE.

## TALK ON ANSYS FLUENT SOFTWARE



The members of ASME MBCET Students Section in association with AUTOMATA MBCET conducted a two-day Hands-On Workshop on ANSYS Fluent, on 17 November and 24 November for S7 ME students. The workshop provided participants with a comprehensive understanding of Computational Fluid Dynamics (CFD) using the ANSYS Fluent software. This workshop familiarized attendees with the basics of CFD simulation, fluid flow analysis, thermal analysis, fluid structural interaction, aerodynamics analysis and problem-solving techniques using one of the industry-leading software tools, ANSYS Fluent. Resource person: **Mr. Bobin Saji George**. Student Section Advisor, ASME MBCET.

## CIRCUITRIX 1.0

The second session of the Online Certification programme on Simulation of Power Electronics Circuits from Basics to Applications using MATLAB/Simulink, the lecture series on MATLAB, was handled by the team of Corel Technologies. The lecture series was conducted from 20 to 25 November 2023.

## NPTEL COURSE COMPLETION



**Dr. Jaya S Pillai**



**Dr. Neethu Roy**

**Dr. Jaya S Pillai**, faculty of Civil Engineering Department completed an 8 week course on Accreditation and Outcome Based Learning. **Dr. Neethu Roy**, faculty of Civil Engineering Department completed a 12 week course on Accreditation and Outcome Based Learning with Elite certification.



## INTERNSHIP

**Abhijith Anand** and **Adarsh Biju Thomas** of S5 EE were selected by Hex20 for internship based on a test covering topics from Basic Electronics, Programming in C & SPACE.

## INTERNATIONAL CONFERENCE ATTENDED

**Dr. Sheryl Arulini**, Assistant Prof., EED participated in the IEEE sponsored 3rd International Conference on New Energy and Power Engineering as an Academic



Committee Member held at Huzhou, China from 24 to 26 November 2023.

## UHV AND BUTTERFLY ACTIVISTS MEET

**Dr. S. Ushakumari**, Dean, Corporate Relations and Professor, EED was invited as the Resource person for the Student induction program on Universal Human Values for Mechanical Engineering on 19, 21 and 31 October 2023 and for Electrical Engineering on 14 and 21 October 2023 at College of Engineering Trivandrum. She participated also in the Butterfly Activists Meet 2023 on 24 November 2023 at Darsana Pastoral Centre, Peechi, Thrissur.



## TRAINING AND PLACEMENT UNIT Placement Details

**Atheena S** and **Alan A Vincent** S7 CE have been placed as Junior Structural BIM Engineer and as Junior Architectural BIM Engineer respectively at COMMANDtech CAD & IT Pvt. Ltd. as part of the core placement drive organised by the Training and Placement Unit of MBCET.

**Surya R**, **Devika R B**, and **Amritha S S** S7 CE have been placed at Aarbee Structures Pvt. Ltd. as Trainee Detailing Engineer as part of the core placement initiative by the Training and Placement Unit of MBCET.

Two students from the Department of Electrical and Electronics Engineering got placement offer from COMMANDtech CAD & IT Pvt. Ltd. in the campus placement drive held on 28 November 2023.

## SPORTS AND GAMES

### Volleyball Third Place

MBCET Volleyball Men Team secured Third position in the A Zone Inter Collegiate Volleyball Championship held at VKCET, Paripally on 24 November 2023.



### Basketball - Runner Up



The Basketball Women's Team Secured Runner Up position in the APJ AKTU All - Kerala Inter-Collegiate Tournament held at ICCS College of Engineering and Management on 24 and 25 November 2023.

### Selected to KTU Team



**Diya Vijayan V D** S3 EC2 and **Dona Ivan** S1 CE1 got selected in the KTU Team to participate in the South Zone Inter-University Basketball Tournament to be held at Jain University Bangalore.

### Best Player Award



**Dona Ivan** of S1 CE1 awarded the Best Player of the APJ AKTU All-Kerala Intercollegiate Tournament held on 24 and 25 November 2023.

### Lawn Tennis Champions

MBCET Men's Team lifted the Intercollegiate, Inter-Zone (All Kerala) Lawn Tennis Championship held at TKM Engineering College on 25 Nov 2023. The Team members are **Aravind Ajay** (S3 ME), **Faiz Muhammad.S** (S3 CE), **Sijo S** (S1 CT).



### Yogasana Competition - Winners

MBCET Yoga Men's Team bagged the second position in the APJ AKTU Inter Zone Intercollegiate Yogasana Competition held at Rajagiri School of Engineering and Technology, Ernakulam on 23 November 2023.

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