



# MBCET e-bulletin

**MAR BASELIOS**

COLLEGE OF ENGINEERING AND TECHNOLOGY

AUTONOMOUS

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## Message from the Bursar



Dear All,

Our willingness to suffer and undertake pain for our dear ones is the real sign of our love

Our parents do not consider any hardships undertaken for us as suffering because they love us. Similarly, many of us are willing to walk extra miles for those who are dear to us. The Holy Week is the time Christians meditate on God's love, expressed through the suffering and death of Christ. The life of Christ does not end on the Cross as he defeated death by rising from the dead. Thus, Easter is the time of joy because Jesus gained victory over the powers of evil and death. This is a great sign of hope for us since we have been going through unparalleled suffering for more than a year due to the pandemic. When we share the joy of Easter with our brothers and sisters, let us unite for the promotion of all forms of life. We need to express our love for our fellow human beings through our readiness to be part of their suffering and Cross. Easter tells us that life and love are stronger than evil and death. Let us make this joy part of our daily life.

I join everyone, especially the Management Team of MBCET, to wish our teachers, staff, students, parents, and well-wishers the peace and joy of this Easter Season.

**Rev. Fr. John Vilayil**

## Young Engineer Award



Er. **Santhi Sara George** MBCET alumni, CE dept. received Outstanding Young Concrete Engineer award from Indian Concrete Institute, TVM and UltraTech Cement Ltd. on Concrete Day celebration and ICI- UltraTech awards 2020.

## Award for Best Thesis

**Mr. Thouzeef Hussain A**, MBCET M.Tech alumni from CE dept. guided by Dr. Jayasree S received an award for outstanding thesis in the field of concrete - masters for the topic 'flexural behaviour of prestressed fiber reinforced lightweight concrete beams', at concrete day celebrations and ICI- UltraTech awards 2020, organized by Indian Concrete Institute and UltraTech Cement Ltd.



## Expert Talk



TLC- MBCET organized an online session on 'Staying Grounded in the Ferris Wheel' on 27 March 2021. The resource person for the session was **Ms. Dainu R. Kuruvilla**, Associate Manager, Learning and Development, TataElxi, Thiruvananthapuram. She talked about the various ways to make the students attentive and interactive in the class and the practical aspects on self- motivation and time management. 40 members from various departments participated in the session.

## Invited Talk



Signal Processing Research Group of Dept. of ECE, MBCET, organized an invited talk on 'Visual Object Tracking: Opportunities and Challenges' by **Dr. Deepak Mishra**, Prof., Dept. of Avionics, Indian Institute of Space Science and Technology (IIST), Trivandrum, on 26 March 2021, which is the first in the series of talks related to Image and Video Processing, being planned.

## Poster Competition Winners

In connection with 'World Water Day' on March 22, a poster competition was conducted for students of MBCET on the theme of 'Water Conservation and Management'. The competition was held at MBCET campus on 20 March 2021. **Ms. Neha Sabu** (S5, ECE) and **Ms. Namitha Jose** (S1, EEE) secured the First and Second prizes respectively. The event was coordinated by **Ms. Vinny Pious**, Asst. Prof., (Dept. of CS), **Ms. Shilpa George**, Asst. Prof., (Dept. of EEE), **Mr. Jithin M. George**, Asst. Prof. (Dept. of ECE) and **Dr. Jisha S. V.** (CE).



## FRAMES-MBCET Photography Club

FRAMES-MBCET Photography Club in association with T4 Talent presented the 'Chit Chat with NANA Sisters'. Nayana Josan, an alumna of MBCET and Nandana Josan (S4 CE). They are well known through the dance reality shows - KDL, Super Dance Junior, Munch Dance Dance and movies like Balyakalasakhi, Pattanathilbhootham. The interview was handled by the members of FRAMES - Arya S. Potti (S8 EC2), Jishnu Naryanan (S8 CE1), Oormila Panicker (S8 CS1), Vishnu Nair (S8 EE2), Mohammed Shahan (S6 CS2), Faizan Ahamed Dawood Majahar (S4 EC2), Shahin Sadath (S4 EC2) and Pranav P. (S4 ME2). The admin of the YouTube channel is Joel K. Abraham (S8 ME). The Chit Chat session was released in the YouTube channel of T4 talent.

The YouTube Link for the video is:  
<https://youtu.be/vs8Z6tmnCGg>



## Illumina Scions



The second event of Illumina Scions, a series of Interactive sessions with EEE Alumni to enable the young minds to choose their perfect career, was conducted on 18 March 2021

for the Final Year EEE students. **Mr. Sachin S K** (2015-2019 batch), Online Tutor at Course Hero, a US based Educational Organization in Redwood, California and former Research Associate, IIT Kanpur, shared his experience as a Research Assistant, stressing the importance of Final Year Projects. Faculty Coordinators: **Ms. Shyju Susan Mathew**, **Ms. Manju Sreekumar**.

## eNIX - Logo and Website launch

The electronics association of MBCET - e-NIX, officially launched its new logo and website on 30 March 2021. The honours were done by **Prof. S. Viswanatha Rao**, Vice Principal, and **Dr. M. J. Jayashree**, Prof. and HoD, ECE. Faculty Coordinator : **Ms. Anu Susan Philip**, Asst. Prof., Dept. of ECE.



## Arduino-101

IEEE RAS MBCET organized 'Arduino 101' - a session aimed at introducing the students to the world of Arduino, on 27 March 2021. **Mr. Jobby Johnson** and **Mr. Jerin Sam James**, Alumni, 2016 - 2020 Batch of EEE, were the speakers for the session. 88 students participated in the event.

## Paper Presentations

**Dr. Archana P. Das**, Asst. Prof., Chemistry, presented a paper titled 'Aminoantipyrene derivative of Embelin as anticancer agent against MCF-7 and SW480 cell lines', in the two-day International Seminar on Navigating the New Normal: Highlands of Chemistry organized by Dept. of Chemistry, University College, TVM on 26 February 2021 and 27 March 2021.

**Dr. Nisha G K and Dr. Z. V. Lakaparampil** presented a paper entitled 'Induction Machine Characteristics Control in Field Weakening Region for Propulsion Application' in the International Conference on Smart Grid Energy Systems and Control (SGESC-2021), at NIT Kurukshetra, 19 to 21 March 2021 and got accepted in the Springer Lecture notes in Electrical Engineering Book Series.

**Dr. Nisha G K and Ms. Jeneena Babu** presented a paper entitled 'Comparative study of Closed Loop Controlled Parallel Connected Converter Methods for Minimization of Circulating Current' in the International Conference on Smart Grid Energy Systems and Control (SGESC-2021), at NIT Kurukshetra, 19 to 21 March 2021 and got accepted in the Springer Lecture notes in Electrical Engineering Book Series.

**Dr. Nisha G K and Ms. Stella Kurien** presented a paper entitled 'Torque Ripple Minimization of SRM Using Sliding mode Current Controller and Torque Sharing Function' in the International Conference on Smart Grid Energy Systems and Control (SGESC-2021), at NIT Kurukshetra, 19 to 21 March 2021 and got accepted in the Springer Lecture notes in Electrical Engineering Book Series.



## NSS Activity

*'If you can't feed a hundred people, then feed just one.'* - Mother Teresa

The NSS MBCET Unit No: 230 conducted a food donation drive on 28 March 2021. Around 25 student volunteers accompanied by two faculty members **Mr. Remil George Thomas** (ME Dept.), **Mrs. Teena Rajan** (EC Dept.) distributed home-made food packets to needy people, in the city.



## Farewell

**Prof. A. S. Shajilal**, who retired as Professor in EEE was given a farewell on 15 March 2021. on his retirement. Principal Dr. Abraham T. Mathew, Director of Corporate Relations Dr. T. M. George, Dr. Nisha G. K., HoD, Ms. Elizabeth Varghese, Ms. Jomole Joseph, and Mr. Rajeev spoke on the occasion.



## Upcoming Event

The Dept. of EEE, is organising a 3-Day Online Training Programme on 'Simulation of Electronic Circuits and Systems. from 7 to 9 April 2021. Coordinators: **Mr. Praveen Raj R.S.**, **Ms. Hridya C. K.**

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