



MBCET e-bulletin

MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

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Principal's Desk

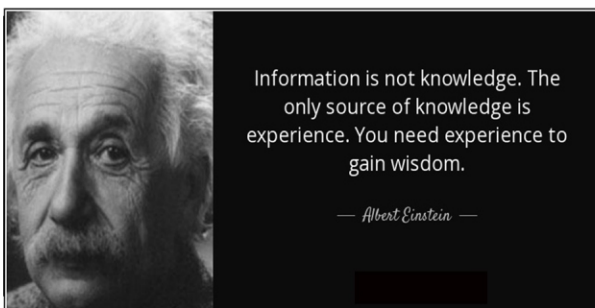
We are going through the phase of a pandemic wave that swings up and down. The Information and Communication Technology has its maximum show during this pandemic. Yes. It is an enabling technology. But it opens up many challenges, from the human behavioural pattern to cyber security. Such awareness about the potential for the extension of ICT opens up many avenues for employment and R&D. Cyber security is found to be an area that would garner much attention in the coming years. All may have to be aware of the threats of cyber physical systems which is arising out of the widespread penetration of ICT into the many facets of human life. Attacks can be resulting in an impersonation or a disastrous event in a big establishment. A cautious approach is always needed.

Dr. Abraham T Mathew



KTU Previous Year Question Papers
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Governing Body

The Governing Body Meeting was held on 10th February 2021. Prof. Arunkumar Agrawal (UGC Nominee) Rtd Prof. IIT, BHU Varanasi, Dr. Suresh Babu V Prof. GEC Wayanad (KTU Nominee), Sri. R Vijayakumar Addl. Sec, Higher Education Dept. Govt. of Kerala (Govt Nominee), Dr. Jacob Punnoose IPS and other members were present. His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos, Chairman presided over the meeting.



Automata Design Contest

Softland India Pvt. Limited in collaboration with AUTOMATA, the Students' Association of Dept. of ME conducted a design and product development contest. The contest included 1) Development of an Automatic hinged Door Opening Mechanism. 2) A Bell ringing Mechanism for temple application. The Project was funded and prizes were sponsored by Softland India Limited. The contest was coordinated by Dr. Nidhi M.B, Asso. Professor and the Prototype Development was supervised by Mr. Ananthan S.P and Mr. Melvin Jacob, Asst. Prof. MED. Winners: First prize **Aditya- MTech (M1)** and **Vimal George-Alumni (2016-2020 batch)** Second prize: **Rojin Chacko-S7 ME1**. Fr. John Vilayil, Bursar & Dr. Abraham T Mathew, Principal gave away the prize & certificates.



Expert Talks



Dr. Jisha John, Assoc. Prof., Dept of CSE, delivered a talk on 'Generative Adversarial Networks', for the TEQIP sponsored 6 day online FDP on 'Applications of Artificial Intelligence and IoT in Engineering', from 1 to 6 February 2021, organized by the Dept of Computer Science and Engineering, College of Engineering, Perumon, Kollam.

Ms. Dhanya L K Asst. Prof., Dept. of CS delivered a talk on 'Text analytics using NLTK' for WINTER SCHOOL FOR WOMEN 2021 on 'Unstructured Data Analytics and Natural Language Processing', organized by International Center for Free and Open Source Software on 4th February 2021.



Dr. Nidhi M. B., Assoc. Prof MED, delivered a talk on the YouTube Live Webinar Series 'The Future Talks' on the topic 'Interface with Smart Manufacturing' on 5th February, 2021.

Career Guidance Talk

A Career Guidance session by **Mr. Rajesh P. S.**, Manager (HR & Admin), CGP Career Avenues, Trivandrum, was conducted for S5 ECE students, on 8th February 2021. Staff Coordinators: **Ms. Lani Rachel Mathew** and **Ms. P.P. Hema**, Asst. Prof., Dept. of ECE.

World Wetlands Day

As part of the World Wetlands Day celebration 'Prakruthi'- the Nature Club of MBCET has organised a poster making competition for the students based on the theme 'Wetlands and Water' on 4th February 2021. The winners are First Prize: **A. Samyuktha Syam**, S1 EEE -I Second Prize: **Liya Ajumon**, S1, CSE -II.

Demonstration and Training On Handling Fire Extinguishers

The Electrical Maintenance Cell of MBCET in association with Illumina, conducted a Demonstration and Training on Handling Fire Extinguishers for the entire staff of MBCET, as part of Safety Awareness measures, on 8th and 9th February 2021. The session was handled by **Mr. Aswin R. B.**, Asst. Prof., EEE and the Technical staff of EEE. Coordinator: **Mr. F. R. Rejish Babu**, Asst. Prof., EEE.



Presentation

Rohit Radhakrishnan, Pran P, Alphi Sioli Mathew, Tom Livin S Vinod (S7 ME2) presented a part of their Final year thesis titled 'Numerical Investigation on Performance Enhancement of Solar Panels Using Phase Change Materials' at the 2nd International Conference on 'Mathematical Modeling, Computational Intelligence Techniques and Renewable Energy' by Forum for Interdisciplinary Mathematics (FIM) at Pandit Deendayal Petroleum University, Gandhinagar, Gujarat, India on 7th February 2021. Supervisor: **Mr. Bobin Saji George**, Asst. Prof., Dept. of ME.



e-NIX Activity

e-NIX, the ECE Department Association of MBCET, organized a competition (in connection with the Republic Day) called 'The Parade' exclusively for ECE students, to honour and appreciate the Indian Defence forces, from 28th January to 1st February 2021. Each participant was given an equipment used by Indian Defence Forces, about which they had to create a business card. **Vaiभव Krishna** (S5 EC2) was the winner and **Gokul G.S.** (S5 EC2) was declared as the runner up for the event.



Alumni News



Ms. Anju Thomas, Alumna of MED got admission for Masters at the Concordia University, Canada. She has been working at IBS Software Pvt Ltd. for the past 2 years.

Women's Studies Unit

Women's Studies Unit (WSU) of MBCET organized an online Quiz on the topic 'Women Empowerment'. 107 participants, including the staff and the students, attempted the quiz. 66 participants, who scored more than 60% of the marks, were awarded the certificate. Staff Coordinators: **Ms. Ancy S. Anselam** (Asso. Prof., Dept. ECE) and **Ms. Surasmi N. L.** (Asst. Prof., Dept. EEE).

Motivational Talk

Women's Studies Unit (WSU) in association with Institution's Innovation Council (IIC) organized a motivational talk (online) - 'My Entrepreneurial Life Journey' by **Ms. Joshila Ramesh**, Founder and CEO, Aspire HR Solutions, India, on 11th February 2021. Staff Coordinators: **Dr. Jisha S V** Assoc. Prof. of CE & **Dr. Veena Nair** Asst. Prof. Dept. S & H.



Training & Placement

14 of our students got selected with QuEST Global after the Interview.

Speridian Technologies Group Discussion was conducted on 8-Feb-2021 as a part of the recruitment process.

Managing Editor: Rev. Fr. John Vilayil, Bursar
email: bursar@mbcet.org

Sustainable Together

The Department of EEE conducted an online video competition of making creative/practical products from discarded objects, for MBCET ians.



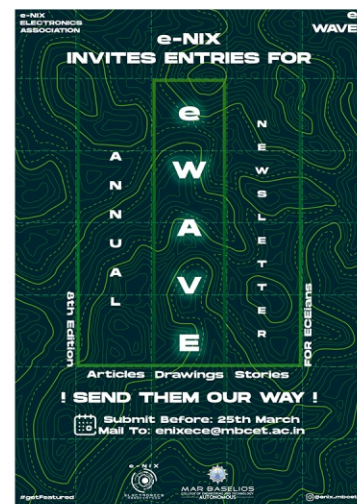
Mayoorika Venu, S3 EE2 won the 1st prize (Rs.1000/-), **Arya A.**, S3 EE1, the 2nd prize (Rs. 750/-) and **Amritha S.**, S3 EC1 the 3rd prize (Rs. 500/-). Faculty coordinator: **Ms. Manju Sreekumar**, Asst. Prof., EEE. Student Coordinators: **Ms. Gowri B K** (S7 EE2) and **Mr. Sai Kiran** (S5 EE2).

Upcoming Events



Computer Science Department of MBCET organizes a National level Hackathon, Ingress'21 on 13 & 14 Feb 2021, with the support of MBCETAA, IEDC, ACE, DSC, CSI, ISTE, Foss Cell and

MLSA. **Sponsors** : Devfolio, Matic, Portis, Tezos, EchoAR, Figma, Digital Ocean, Repl.it, StreamYard, egghead.io, Axure RP, Interview Cake, Jovian, Give My Certificate, Voiceflow, O'Reilly Media.



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