



PRINCIPAL'S MESSAGE

There is an old saying “when the gun is fired someone sees only the smoke” It implies that there are situations where one person fails to recognize the threat involved due to the incident in the neighborhood. Such behaviors are consequential to the conditioning processes that a person is undergoing as he/she is growing. In a situation where the parents are hyper active the children would get more free time in the younger age and the neural programming is not properly done to enable the child to respond to a particular situation according to the action that the situation warrants. We are not referring to the disabilities or persons with disabilities. We refer to the normal persons with the normal growth history. As we know the human body produces Adrenaline (epinephrine) which is a hormone our adrenal glands make to help us prepare for stressful or dangerous situations. Adrenaline rush is the name for the quick release of adrenaline into our bloodstream. This gets our body ready for a “fight or flight” responses. When we are not subjected to situations that warrant quick action or the mind fails to perceive the threat, the hormones never get released and it becomes a habit of the body. A student failing to understand the importance of study or an employ failing to recognize the significance of the order from the employer are typical cases of such weak conditioning. There is another category of people who always try to avoid the pressure of work. All these factors point fingers to importance of rightful involvement in a variety of activities with a sense of responsibility from the early childhood itself so as to make the individual fit for job.

Dr. Abraham T Mathew

BEST START-UP AWARD



The Start-Up idea by **Mr. Abhilash George** (S5 CS2) and **Ms. Ann Santhosh** (S5 EC2) won the “Best Startup Award” in ‘NOVA 2k23’ conducted by Don Bosco College on 9 November 2023. The team has already won funding from the Young Innovators Program organised by KDISC, Govt. of Kerala.

MOU SIGNED WITH BSNL

An MoU between MBCET (Autonomous) and BSNL was signed on 7 November 2023, opening up avenues for our students to explore in the field of telecommunication networks, including Training on Telecom Switching Networks.

SPORTS AND GAMES

MBCETian Table Tennis Team Winners



MBCET Table Tennis Men and Women Teams secured First and Third positions respectively in the APJ AKTU A - Zone Inter-Collegiate Tournament held at CET.

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.



Sports and Games continue

MBCETian Selected to KTU Team



Juhi Elizabeth John (S3 CT) **Pranav P Nair** (S5 EC1) got selected to KTU University Table Tennis Team. MBCET Men team secured third position and Women team secured fourth position in the Inter Zone Inter Collegiate Table Tennis Championship held at GEC, Kannur. *Congratulations.*

Student Achievements

- The Basketball Team of MBCET became 2nd Runner-up in the Inter Zone Basketball Championship held on 3 November 2023. **Joseph Cherian** (S3EEE), **Ryan Mathew Manuel** (S1EL), and **Aromal R Chandran** (S1EL) were members of the Team. **Ryan Mathew Manuel** (S1EL) got selected into the KTU University Team going to participate in the South Zone Inter University.
- MBCET Kabaddi Men team secured the third position in the A -Zone Inter Collegiate Kabaddi Championship held at VKCET, Paripally on 27 October 2023. **Abhijith J** of S3 EL was a member of the Team.
- The Shuttle Badminton Team of MBCET became the second runner-up in the A zone Shuttle Badminton Championship held at Toss Academy, Manacaud on 2 November 2023.

SESSION CHAIR

Mr. Ayush Vijayan, Assistant Professor, EED served as the Session chair for paper presentation conducted as part of the event named



“Symposium”, organized by the Department of Electronics and Communication Engineering, Heera College of Engineering and Technology on 10 November 2023.

FDP ATTENDED

Dr. Veena Nair, Asst. Prof., S&H participated in a 7 day FDP titled 'Psychological Skills For Teaching and Learning' (10 to 16 October ,2023) offered by TLC, Ramanujan College, Delhi University

Ms. Anjali S. (Asst. Prof., Dept. of CSE), has satisfactorily participated in the online Faculty Development Program on 'Advances In Deep Learning Models For Object Detection', conducted from 26 to 28 October 2023, by the Division of Computer Science and Engineering, School of Engineering, Cochin University of Science & Technology.

Dr. Nisha G K, Dr. Elizabeth Varghese, Ms. Surasmi N L, and Ms Revathy K P participated in the online International Faculty Development Program (FDP) on “Advanced Topics in Control systems” organized by the Department of Electrical Engineering, K. K. Wagh Institute of Engineering Education & Research, Nashik, Maharashtra, India in Association with IET Nashik Local Network from 22 to 24 September 2023.

Intel India Education Conclave



An Education Conclave organized by Intel India took place at the Intel Campus in Bangalore on 3 and 4 November , 2023. The purpose of this 2-day event was to familiarize faculty members from Indian colleges with the latest advancements in the technology landscape. The goal was to help them align their teaching methods and course structures accordingly. **Mr. Jinu Baby**, Asst. Prof. in ECED, **Mr. Shiras S. N.**, Asst. Prof. in ECED, and **Mr. Jijo Jose**, Asst. Prof. in ECED, were nominated from MBCET to participate in tracks focused on SoC & FPGA Design, 5G/6G in Industry, and Generative AI & Industrial IOT, respectively.

WORKSHOP ON 'EFFECTIVE ACADEMIC GOVERNANCE THROUGH BEHAVIOURAL SKILLS'



UHV Cell and TLC-MBCET conducted a Workshop on 'Effective Academic Governance through Behavioural Skills' at the Senatus Hall, on 4 November 2023. 54 Faculty Members participated in the programme. Resource Person: **Dr. Mary Matilda** Former Principal, Maharaja's College, Ernakulam & Motivational Speaker. Coordinators: **Dr.Elizabeth C.Kuruville, Dr. Veena Nair**, Asst. Prof. (S&H)(UHV CELL,MBCET), **Dr.Tessy Mathew** and **Dr.Neethu Roy** (Teaching Learning Center, MBCET).

EXPERT TALK ON "INTRODUCTION TO PROJECT MANAGEMENT TOOLS"



An expert talk on "Introduction to project management tools" by Ms. Devisha from Inspiro Edutech, ATC of Kerala State Rutronix, was conducted on 10 November 2023 Friday, at Laurie Baker Seminar Hall of CED for the students of S5 Civil Engineering. The talk was coordinated by **Ms. Jomy James** and **Ms. Smrithi Cheriyaath**.

TALK SESSION



The IEEE EMBS SBC in association with eNix and Biomedical Research Group of ECED organized a seminar session on the topic "Sleep & Technology: Understanding the connection" on 10th November 2023. The resource person for the session was **Dr. Kamalesh Gulia**, Scientist G (Professor) and In-charge, Division of Sleep Research, BMT Wing, Sree Chitra Tirunal Institute for Medical Sciences & Technology. 56 students attended the session. Faculty coordinators: **Dr. Lani Rachel Mathew** and **Dr. Emy Mariam George**, Asst. Professors, ECED

IET PATLN 2023



The PATLN 2023 event, organized by the IET KKLN, took place on 11 November 2023, at Forte Manor Hotel, Thiruvananthapuram. **Abhilash George** (S5 CS2) emerged as the first runner-up and **Anand Pillai** (S3 CS2) earned the title of audience favourite. Congratulations to both of them.

IET INDIA AWARD NIGHTS



The IET President's Address by **Dr. Gopichand Katragadda** and the IET India Award Nights were held on 6 November 2023, at Bangalore. The IET India Award Nights honoured the achievers in the field of Engineering and Technology. 6 students from our college volunteered for both events. **Ms. Soumya A. V.** Asst. Prof. EED attended.

PAPER PRESENTATION



Geethu B., Joshua G. Reji, Abbas Salim, Mekha Suresh, students of 2019-23 batch of ECE presented a paper titled "Resource Allocation in V2V Sidelink Communication" at the 3rd IEEE International Conference on Recent Advances in Systems, Science and Engineering (IEEE RASSE 2023) which was held from 8th to 11th November 2023. The project was guided by **Mr. Sherry Varghese George**, Asst. Prof., Dept. of ECE.

PUBLICATIONS

- **Mr. Anil J**, Asst. Prof., EED published a paper entitled "A novel fast hybrid face recognition approach using convolutional Kernel extreme learning machine with HOG feature extractor", in the Scopus indexed Elsevier Journal, Measurement: Sensors, Volume 30, 2023, 100907, ISSN 2665-9174, <https://doi.org/10.1016/j.measen.2023.100907>.
- **Dr. Dishore S V**, Asst. Prof., EED published a paper entitled "Battery Cell Balancing of V2G-Equipped Microgrid in the Presence of Energy Storage Aggregator" in the International Transactions on Electrical Energy Systems (Wiley Publication). DoI: <https://doi.org/10.1155/2023/7990690> (SCI indexed, Impact Factor 2.3).

BOOK CHAPTER PUBLISHED

Ms. Devipriya V. S. (Asst. Prof., Dept. of CSE) co-authored a book chapter titled "Knowledge-Twin: Addressing the Current Challenges of Knowledge Management in Industry 4.0 Using Digital Twins" in 'Digital Twins' (ISBN: 979-8-89113-057-9), and is published on September 2023.

ALUMNI ACHIEVEMENT



Mr. Renjith Gopan (2017 - 2021 ECE) has successfully completed Masters Programme in Embedded Systems from Coventry University, UK and got placed at Anders Electronics as Embedded Development Engineer. He is also awarded with the Course Tutor's - Best performing Student Prize.

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