



PRINCIPAL'S MESSAGE

Indian Independence Day, celebrated on August 15th, marks the end of British colonial rule in 1947 and the birth of a free India. This day is a momentous occasion in the Nation's history, commemorating the sacrifices and struggles of countless freedom fighters who fought for India's sovereignty. It serves as a reminder of the values of freedom, democracy, and national integrity. As the entire nation celebrates the 78th Independence Day, this day also prompts a reflection on the journey India has undertaken since gaining independence and the ongoing efforts required to address challenges and build a stronger Nation.

According to Nelson Mandela, "To be free is not merely to cast off one's chains, but to live in a way that respects and enhances the freedom of others." When we talk about one's right to freedom it is also important to understand and respect the freedom of others. Keeping in mind, one's freedom should never be a constraint or hindrance to another's freedom to act or express, let us celebrate the freedom, unity and diversity of our Nation. While remembering the sacrifices of our freedom fighters and honoring their dedication and courage, let us vow to fight against the evils that currently prevail in our society that question the true spirit of free India.

Dr. S. Viswanatha Rao



'SAMVADAM'- THE PUBLIC SPEAKING CLUB

13 students from our College participated at CET-MUN held from 8 to 10 August 2024. Awards won: **Yash Chhalotre** - S5 El (Special mention) International Press: **Abraham Jacob** - S3 EL (Special mention), **Abin S. Manoj** S3 EC 2 (Honourable mention), **Ashlin Antony** - S5 EC 1 (Honourable mention).

DONATING AWARD MONEY TO THE KERALA CHIEF MINISTER'S DISTRESS RELIEF FUND

Adarsh S. L., Alen Alex, Dhanush Vijay, Shaheen Noushad and **S. S. Akshay**, students of MBCET handed over the award money received for Best Project to **Shri. V. Sivankutty**, Honorable Minister of Kerala for the Chief Ministers Disaster Relief Fund. The team secured an award for their project 'Valorization of Plastic Wastes using Thermo-Catalytic Plastic Pyrolysis' guided by **Ms. Radhika P.** Asst. Prof. CE.



PATENT GRANTED

Ms. Sreeja S. R. (Asst. Professor, Dept. of CSE), **Mr. Allen Manu Philip**, **Mr. Dilshan Dileep Shyni**, **Mr. Manikandan B. Nair** and **Ms. Medlyn Sairah Jacob** (2024 CSE Passout Batch) have acquired a design registration in respect to the application of the design to "Assistive Device for the Visually Impaired", in August 2024.

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.



THE FUTURE 4.0 EVENT

Corporate Relations of our college in association with CII-Yi(Young Indians) conducted “The Future 4.0”, the flagship event of Yuva on 10 August 2024. 15 students from our college participated in the first two rounds (College level) Winners: **Aparna Anand S3 EC2, Shone C. Achankunju S5 EC2**. The winners will be participating at the next level (Regional) competition to be held at Hyderabad in September. Coordinator: **Dr. Veena Nair**.

INTERNSHIP AT MERP SYSTEMS

Ms. Angel T. John, Ms. Anna Biju Abraham, Mr. Aravind J. L., Ms. Feba Mariam Jacob and Mr. Sam Sudheer, final year students of the Dept. of CSE got selection for four months internship at MERP Systems from August to November 2024.

ATTENDED FACULTY ENABLEMENT PROGRAM

Dr. Priya Mariam Raju, Assistant Professor, Dept. of CSE participated in the Faculty Enablement Program on “Artificial Intelligence” conducted by Infosys Springboard from 24 to 28 June 2024.

IEEE PES

The IEEE Power and Energy Society (PES), in collaboration with the Space Club at MBCET, organized an exciting poster and painting competition titled “COSMOS CANVAS”. First Prize was awarded to **Diya Dileep S3 EC2** and second prize to **Aneeta Sibi S3 EL**. Student Coordinators were **Savya Unnikrishnan** and **Vinayak V Nair**. Faculty coordinators : **Ms. Sandhya P.** and **Mr. Anil J.**, Asst. Professors, EED

NATIONAL SPACE DAY CELEBRATION(NSPD 2024)

As part of national space day, a dance event was conducted by the Performing Arts club in collaboration with the Space club MBCET. “Stellar Spectacle” a theme based flash mob was performed on 12 August 2024 at the OAT. The program's faculty coordinators were **Ms. Akhila A. M. (CE)** and **Dr. Swapna P. S. (ECE)** and the student coordinator was **Rachel Antony P. (S5 EL)**.



SPACE WEEK CELEBRATION

ILLUMINA

As part of Space Week Celebrations Illumina, the Association of Electrical and Electronics Engineering Department organised 5 events (i) Knowhere (phase 1) (ii) Universe in a Nutshell (iii) Adhara (iv) Knowhere (phase 2) and (v) Literary review. All the events were centered on the theme “space”.

EVENT 1 & 4 : KNOWHERE (Phase 1 and 2)

Knowhere was the first event which is a quiz competition.



The event was jointly organised by Illumina, the Association of Department of Electrical and Electronics Engineering and E-Nix, the Association of Department of Electronics and Communication Engineering with Space Club, MBCET. The student coordinators of the event were **Ann Santhosh** and **Rohin Sabu** of S7 ECE and **Arif A., Abhishek A.** and **Adithya S.** of S5 EEE. The faculty coordinators were **Ms. Manju Sreekumar** and **Ms. C. Sojy Rajan**, EED and **Dr. Swapna P. S.** and **Ms. Shiras S. N.** ECE. 1st prize was secured by **Merlin Reji** and **Jishnu E. V.**, 2nd prize: **Elvis Mathews** and **Bhavya R. Biju** and 3rd prize: **Avin J.** and **Udith Krishna**

EVENT 2: UNIVERSE IN A NUTSHELL

The event was a lecture session handled by **Adithya S.**, student of S5 EEE, MBCET. Co-ordinators: **Adithya S.**, S5 EEE along with the Faculty Coordinators: **Ms. Manju Sreekumar** and **Ms. C. Sojy Rajan**, Dept. of EEE.



EVENT 3: ADHARA

Adhara was the second of the series hosted by the students of S5 EEE. The event was inaugurated by **Fr. John Varghese, Director, MBCET** and **Dr. S Viswanatha Rao, Principal, MBCET**. Co-ordinators: **Ms. Manju Sreekumar, Ms. C. Sojy Rajan** and **Ms. Shilpa Susan Peter**.



The models included PSLV, GSLV, Starship, Falcon Heavy, S1 Block, Lander, Saturn V, Chandrayaan Rover, Aryabhata, etc. The Expo was open to all students and faculty at MBCET. The event also had a book exhibition. Team Members: **Rakesh R., Adithya S., Abhishek A., Abhinav S. B., Adil N., Adithyan Ganesh, Adithyan R. J., Amal Nazerudin, Gokul Krishna S. M., Prithvi M., Akarsh A., Harishankar A. S., Arif A.** and **Devika C.**

EVENT 5: LITERARY REVIEW

The event centred on discussions on space-themed movies and literary reviews of books related to space. Faculty coordinators: **Ms. Manju Sreekumar, Ms. C. Sojy Rajan.**



FACULTY AS RESOURCE PERSON

Dr. Ushakumari S., Professor and Dean- Corporate Relations, MBCET served as the resource person for the 3 days workshop on Basic Human Aspirations and its fulfilment organised by HRD Cell of Government Engineering College, Thrissur.

PHD AWARDED



Dr. Soumya A. V., Assistant Professor, EED was awarded with the PhD Degree in the 39th annual convocation held at Vellore Institute of Technology, Vellore on 2 August 2024.

PAPER PRESENTATION

- Ms. Revathy K. P.**, Asst. Prof., EED presented a paper titled "A Smart Adaptive Neuro Fuzzy Inference System (ANFIS) Model Integrated With DAB Converter for EV Charging Systems" at the International Conference on "Developments in Alzheimer's Disease Treatment and Early Intervention through Cutting Edge Technologies" (INCDAD 2024) organized by Kalasalingam Academy of Research and Education, Krishnankoil, Tamil Nadu, India from 2 to 3 August 2024.
- Alin Mariam Solomon and Jayakumari J.**, "Improving User Satisfaction for Next Generation CRN using Utility Proportional Fairness based Resource Allocation Approach," IEEE sponsored 2024 International Conference on Advancements in Power, Communication and Intelligent Systems (APCI), KANNUR, India, 2024, pp. 1-6, doi: 10.1109/APCI61480.2024.10617044.
- J. L. Lakshmi and Jayakumari J.**, "A Hardware Efficient Implementation of Sub-Block Interleaver for Polar Codes in 5G NR," IEEE sponsored 2024 International Conference on Advancements in Power, Communication and Intelligent Systems (APCI), KANNUR, India, 2024, pp. 1-6, doi: 10.1109/APCI61480.2024.10617080.

WEBINAR ATTENDED

Dr. Nisha G. K., Professor, EED participated in the webinar on Institutional Preparedness for Accreditation & Ranking Framework, organized by MasterSoft & IQAC, Baba Farid University of Health Sciences, Faridkot, on 24 July 2024. She participated also in the National Webinar on The Indian Knowledge Systems (IKS) organized by MasterSoft in association with Malwanchal University, Indore on 08 August 2024.

FACULTY AS TECHNICAL SESSION CHAIR

Mr Anil J., Assistant Professor, EED chaired a Technical session in the International Conference on Circuit Power and Computing Technologies (ICCPCT 2024) organized by Baselios Mathews II College of Engineering, Sasthamcotta, Kollam. He was also one of the Technical reviewers for the Conference.



NIT ADMISSION FOR ALUMUS

Vineeth Roshan of Civil department (2020-24 batch) got admission to the NIT Calicut for M.Tech in offshore structures, through sports quota. He had represented three times for the KTU Volleyball team

LIBRARY UPDATES



Dr. Jayakumari J. (Professor – ECD), **Dr. Jisha S. V.** (HoD- CED) and **Mr. Binu K John**, Librarian attended "Clarivate Awareness and Engagement Program" - CAEP 2024 at Hilton Garden Inn, Thiruvananthapuram on 9 August 2024 organized by Clarivate™, a leading global provider of transformative intelligence.

ALL KERALA LIBRARIANS MEET



Mr. T. Sabeesh, Asst. Librarian served as the Convener, Reception committee, of the All Kerala Librarians Meet held on 10 August 2024 at the LBS College, Poojappura, Trivandrum.



ASTRAL ARTISTRY

FRAMES - MBCET Photography Club in association with Space Club as part of National Space Day organized Astral Artistry - Astrophotography Contest for the students of the college from 3 to 10 August 2024. Winners: 1st prize: **Handal Geoffrey**, 2nd prize: **Vaibhav Jayakumar**, 3rd prize: **Vani Surya**

INFOSYS SPRINGBOARD CERTIFICATION

Dr. Swapna P. S., Associate Professor, **Mr. Anoop K. Johnson**, **Ms. Deepa P. L.** and **Mr. Jinu Baby**, Assistant Professors, Department of ECE, successfully completed the Artificial Intelligence Foundation Certification and the Artificial Intelligence Primer Certification by Infosys Springboard.

PHOTO GALLERY: MBCET INDIAN INDEPENDENCE DAY CELEBRATIONS 2024



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