



MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY

AUTONOMOUS

College Code : MBT. Accredited by NAAC with A grade. Five B.Tech Programmes accredited by NBA since 2016.

MBCET
Bulletin

@officialmbcet



PRINCIPAL'S MESSAGE

Today's world requires a multi-dimensional approach to make the learning experiential for each individual learner. Institutions need to focus on creative, collaborative approach to learning. There are many non-formal agencies who claim to be there for bridging the curriculum gap. This makes us to think that there is a need for 21st century curriculum for all formal disciplines of teaching and learning that is relevant and upto date. A closer look at the development tells us the reason. Number of learners is more and the career options for the learners are so wide and varying. There are many transferrable skills that are expected to be secured by the learner in this current era of digital technology. At the same time the amount of contents is tremendous and diverse.

There was a time when a stenographer takes the dictation and type the letter. There was a draughtsman to convert the sketch to drawing. A carpenter was there to work on wood or a blacksmith to make a shape from iron. All these sector specific skills when merged into the formal education and enabled by the modern technology, the student has to be trained to be a critical thinker who can evaluate the various options and choose the better ones if not the best solution and realize the objective using the new techniques through multi-tasking. Since the aim is to reach such a level of competency, the learning should be experiential to actualize the skills. This will happen when the teaching-learning process is intertwined with tasks requiring the problem solving approach. Students must also be capable enough to navigate their own decision-making process by considering ethical factors, such as respect, fairness, equality, and kindness. Let the pragmatic wisdom prevail upon the traditional approaches of education and the system undergo a transformation which is essential for the future job roles.

Dr. Abraham T Mathew

STUDENTS' ACHIEVEMENT

Members of the Public Speaking Club participated in the prestigious TKMCE MUN. The following awards were won by our students: Best Photographer- **Ashlin S4 EC**, High Commendation- **Anand S4 CS**, Honorable mention - **Abhav Rajit Nair** and **Elvis Mathews Olickal S2 EL**; Special Mention - **Yash T. L. Chhalotre S4 EL** and Verbal Mention: **Shone S4 EC**, **Joel S6 CS**.

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.

BASKETBALL TEAM CHAMPIONS



MBCET Basketball Team became the Champion of the Tournament 'Slam Dunk 24' All Kerala Inter Collegiate Basketball Tournament organized by Amrita University as part of their National level Multyfest , 'VIDYUT'

REVIEWER AT THE INTERNATIONAL CONFERENCE

Ms. Dhanya L. K., Asst. Prof., Dept. of CSE was a Reviewer for the 'International Conference on FOSS Approaches towards Computational Intelligence and Language Technology' (FOSS-CIL T24), organised by International Centre for Free and Open Source Solutions (ICFOSS) Kerala held on 21 and 22 March 2024.

FACULTY AS RESOURCE PERSON

- Mr. Arun J. S.**, Assistant Professor, Dept. of ECE delivered a session on Idea generation using business model canvas at "Ideathon 2024" held at Sree Anjaneya Institute of Dental Sciences, Kozhikode on 22 March 2024
- Mr. Anil J.**, Asst. Prof., Dept. of EEE was the Chief Guest and Resource Person for the National



Level Technical Symposium on Big Data Analytics and Artificial Intelligence (ALACS '24) organised by Dept. of Computer Science, St. Alphonsa College of Arts and Science, Soosaipuram, Karinkal, Tamil Nadu on 20 March 2024



SESSION CHAIR

Dr. Jesna Mohan, Assoc. Prof., Dept. of CSE, served as the Session Chair at the International Conference on "FOSS Approaches towards Computational Intelligence and Language Technology" organized by ICFOSS on 22 March 2024.



EXTERNAL EXAMINER

Dr. Tessa Mathew, Professor, Dept. of CSE was the External Examiner for PhD public Viva-Voce at Mahendra Group of Institutions, under Anna University, Chennai.

TECHNICAL STAFF ACHIEVEMENT

Ms. Manju Suresh, Sr. Grade Instructor, Dept. of ECE, completed an 8 week NPTEL course on "Embedded System Design with ARM" from Jan to March 2024 and obtained Elite certification.

FDP ATTENDED

- Ms. Gayathri K. S.**, Asst. Prof., Dept. of CSE has participated in the One Week National level Online FDP on Outcome Based Education and Application of Generative AI in Teaching and Research, organised by the Internal Quality Assurance Cell (IQAC) of Government College Kottayam, in association with The Kerala State Higher Education Council (KSHEC) from 6 to 13 March 2024.
- Ms. Asha S.**, Asst. Prof., Dept. of CSE, MBCET has participated in the One Week National level Online FDP on Outcome Based Education and Application of Generative AI in Teaching and Research, organised by the DST-CURIE-AI center of Sri Padmavati Mahila Visvavidyalayam (SPMVV University), Tirupati, in association with IPSR Solutions limited from 18 to 23 March 2024.
- Dr. S. Viswanatha Rao**, Professor, Vice Principal and Dean (Academic Affairs), Dept. of ECE, participated in the One Week National Level online Faculty Development Program on Outcome Based Education and Application of Generative AI in Teaching and Research, organised by the DST-CURIE-AI center of Sri Padmavati Mahila Visvavidyalayam (SPMVV University), Tirupati, in association with IPSR Solutions Ltd. from 18 to 23 March 2024.

TALK SESSION

The ISTE MBCET Faculty Chapter organized a session titled "Art to Release, Relax, and Recharge" for the faculty members of MBCET on 1 April 2024.



Ms. Nincy Mariam Mondly, a Psychologist from Pallium India, served as the guest speaker. The event was coordinated by **Ms. Amritha B. J.**, Asst. Prof., Department of ECE, and **Ms. Poorna B. R.**, Asst. Prof., Department of CSE.

PAPER PRESENTATIONS

- Ms. Revathy K. P.**, Asst. Prof., Dept. of EEE presented a paper titled "Powering the Future: A Comprehensive Review on DC-DC Converters and their Vital Role in Electric Vehicle Technology" in 4th International Conference on Artificial Intelligence and Smart Energy (ICAIS 2024) 22 - 23 March (Springer), 2024, organized by JCT College of Engineering and Technology, Coimbatore.
- Students from the Dept. of Electrical and Electronics engineering actively participated in the National Conference on Education, Environment, Economy 2030 - Focussing on the Marginalized from 14-15 March 2024.
 - Aathish R. Viswam, Amal S. and Vishnu B. S.** of S4 EL presented a paper on 'Focus Minder - Enhancing Productivity and Collaboration
 - Yash T. L. Chhalotre** of S4 EL presented a paper on a Dynamic Traffic light system with adaptive morphology.
 - Jenifer Alosious** of S8 EE1 presented a paper on Smart charging for electric vehicles.

NEW FACULTY

Dr. Manju Dominic joined as Prof. in the Department of Civil Engineering on 01 April 2024.

INDUSTRIAL INTERNSHIP

Antony Josi, Aparna S., Arunima R., Darpan Yeswanth, Dhiya A. J., Jenifer Alosious, Karthik G. M., Negha S., Nevin Thomas John, Rohan



U. S., Ryan Harison and Sajitha of S8 EEE got placed in Skill Winner as Business Development Executive Intern.



BoS MEETINGS CONDUCTED

- The Fifth Meeting of the Board of Studies of S&H Dept. was held on 15 March 2024 in Senatus.
- The Seventh Meeting of the BoS of CED was held on 21 March 2024 in Senatus.
- The Seventh Meeting of the BoS of CSED was held on 26 March 2024, in Pascal Hall.
- The Seventh Meeting of the BoS of EEE Dept. was held on 01 April 2024 in Faraday Hall.
- The Seventh Meeting of the BoS of ECE Dept. was held on 04 April 2024 in Senatus.
- The Seventh Meeting of the BoS of ME Dept. is scheduled for 08 April 2024 in Senatus.

IET TALK PARTICIPATION



IET MBCET participated in a talk session organised by IET On-Campus CET on Lunar Mission given by **Dr. S. Geetha**, Scientist (Retd) ISRO. The session explained the key changes between Chandrayan 2 and Chandrayan 3. **Dr. Soumya A. V.**, Faculty Advisor IET MBCET along with 5 students **A. Samyuktha Syam**, **Vishnupriya S.**, **Nevin Thomas**, **Abhishek S.** and **Sarang G. S.** actively participated in the interactive session.

IEEE PES

IEEE PES MBCET, in collaboration with T.I.M.E., organized a career orientation talk titled "ASCEND" on 21 March 2024 for the prefinal year students of Department of Electrical and Electronics Engineering. **Mr. Ajay Nair** Academic Head at T.I.M.E., was the keynote speaker. Student coordinators **Sarang G. S.** and **Alan Gabriel**, along with Faculty Coordinators **Ms. Sandhya P.** and **Mr. Anil J.**, played integral roles in coordinating the talk session.



UHV TRAINING SESSION

An UHV training session was organised for the faculties of Dept. of Electrical and Electronics Engineering on 27 March 2024 at Faraday hall from 1:00 pm to 1:45 pm. Resource person was **Dr. S. Ushakumari**, Professor & Dean, Corporate Relations. She is also the Resource Person of AICTE on Universal Human Values (part of National Education Policy).



S & H WORKSHOP

As part of an initiative of SEBI, Department of Science and Humanities conducted a workshop on 'Understand the Indian Securities Market and Create Wealth' on 27 March 2024 for S6 students. Resource Person: **Dr. Dona Ghosh**, Asst. Prof. (Economics), TSM, SEBI Security Market Trainer. 60 S6 students attended the workshop. Coordinator: **Mr. Vinu V.**, **Dr. Veena Nair, AP, S&H.**

CODE-PREDICT

CSI SB MBCET in association with Department of CSE conducted coding competition CODE-PREDICT, C Output Prediction Quiz On 2 March 2024. The event was organised for first year students. The winners are **Advait Manoj S2 CS2**, **Jithin Rajesh S2CT**, **Adithyan J. S2CT**. Faculty coordinator: **Ms. Deepthi K. Moorthy**, Student Coordinator: **Varsha Renjith**

IMAGINARIUM: STORYTELLING AND STORYCRAFTING TALK SESSION

A collaborative event between Aksharakootam and Tensorz, Imaginarium featured a unique experience sharing session. **Dr. Rajit Karunakaran**, Director of Rajadhani Business School, was the Speaker. As a token of appreciation, **Mr. Rajit Karunakaran** was presented with a digital painting of himself created by **Merin Thomas**, S6 EEE (Aksharakootam core team member).



NPTEL COURSE COMPLETION

Dr. Archana P. Das, Assoc. Prof. **Mr. Vinu V.**, Asst. Prof. and **Dr. Veena Nair**, Asst. Prof. (Dept. of S&H) passed the 4 weeks NPTEL course "Effective Engineering Teaching in Practice" offered by IIT, Madras.





PHOTO GALLERY

Intramural Baselian Volley Cup Championship 2024



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