



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.

@officialmbcet



PRINCIPAL'S MESSAGE

People with disabilities or differently abled are people who have challenges with their physical, mental, or psychological processes, or who have learning difficulties or social adjustment issues. As reported by United Nations (UN), an estimated 1.3 billion people experience significant disability. This represents 16% of the world's population, or 1 in 6 of us. Inclusivity for people with disabilities, is essential for ensuring that people with disabilities become an integral part of the society having the same opportunities as others. This requires changing perceptions about disability, instilling positive attitudes among the people, fighting against discrimination so as to help people with disabilities cope with challenges, grow with confidence and pursue their interests. An initiative of UN, third of December every year is marked as the International Day of Persons with Disabilities to promote the rights and well-being of persons with disabilities in all spheres of society and development. The theme for this year is 'Amplifying the leadership of persons with disabilities for an inclusive and sustainable future' with an objective of increasing the participation of persons with disabilities in decision-making processes and promoting their leadership in all areas of life to ensure their inclusion in all aspects of society.

Dr. S. Viswanatha Rao

CAREER ORIENTATION SESSION

Dept. of CSE in association with CSI SB organized a Career Orientation session for the first year B.Tech CSE



students. **Dr. Jayaram V.**, Head and Advisor, CGP Career Avenues & Director Edzumo Pvt Ltd, was the Resource Person. Faculty Coordinators: **Dr. Anne Dickson & Ms. Deepthi K. Moorthy**.

DESIGN PATENTS REGISTERED

- **Ms. Deepthi K. Moorthy** (Asst. Professor, Dept. of CSE), **Mr. Shibin Shibu**, **Mr. Gopal S.**, **Mr. Ashwin A.** and **Mr. Adithya Anil** (2024 CSE Passout Batch) secured a design patent registration for "**Smart Energy Forecasting and management Device**", on October 2024.
- **Ms. Sreeja S. R.**, Asst. Professor, Dept. of CSE secured Design Patent for her work on "**Surround perception and Audio Assistant Device**" (Design No. 431786-001) on 25 November 2024. This is the second patent to her credit.



TLC WORKSHOP



The Teaching-Learning Centre of MBCET organized its third session of the three-session talk on Pedagogy on 29 November 2024. A two-hour session on three topics related to Pedagogy: Micro Teaching, An Effective Lesson Plan and Evaluation was conducted. The resource persons were: **Dr. Deepthi Elizabeth Mathew** (Faculty, B.Ed), **Dr. Shiney Jacob** (Faculty, B.Ed), and **Mr. Nadhanine J. P.** (Faculty, B.Ed) from Mar Theophilus Training College, Nalanchira. Around 22 faculty members participated in the workshop. The speakers gave their insights on the topics and interacted with the faculty members.

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.

INFOSYS SPRINGBOARD CERTIFICATION

Ms. Anjali S. (Asst. Professor, Department of CSE), completed the course “**Introduction to Deep learning**” offered by Infosys springboard board.

“THRIFT IT” EXPO PROMOTING SUSTAINABILITY



MBCET successfully hosted THRIFT IT, a Sales, Exchange, and Giveaway Expo, on 28 November 2024, organized by the Waste Management Cell (WMC). The event, led by the First-Year students, witnessed enthusiastic participation from the college community and beyond. A highlight of the day was an inspiring talk by **Dr. K. Vasuki IAS**, former District Collector, on the theme “**Life: Sustainability, Current Affairs, and the Future.**” The event also included an exclusive networking session for selected students and faculty, along with refreshments. THRIFT IT successfully blended eco-consciousness with community engagement. Co-ordinators: **Dr. Soumya A. V.**, Assistant Professor, Department of EE and **Mr. Akhil Chandran B. S.**, Assistant Professor, Department of ME.

EXPO 2024: TRASH TO ART

The Nature Club and Waste Management Cell of MBCET organized an inspiring exhibition on the theme “**Trash to Art**” with the motive of transforming waste into wonder on 29 November 2024 at the ground floor of G Block in the campus. This unique event focused on transforming discarded materials into artistic creations, spreading awareness about waste management and the importance of environmental sustainability and Sustainable Development Goals (SDGs). The event was inaugurated by **Fr. John Varghese Palanilkunnathil**, Director and **Dr. S. Viswanatha Rao**, Principal. First year students from all branches showcased their innovative artworks crafted from materials such as plastic, paper, metal, and e-waste. The event was coordinated by **Dr. Jaya S Pillai** (Faculty Coordinator, Nature Club) and **Dr. Soumya A. V.** (Faculty coordinator, Waste Management Cell) and co-coordinated by Faculty Members handling ‘**Environmental Science**’ for first year students. **Mr. Joseph Daniel James S7 EE** was the student coordinator of the event. Students from various schools and colleges visited the expo. **Anantha Krishnan P.** (S1 EC1), **Gayathri Girish** (S1 CS2) and **Telna S. Shali** (S1CE2) won the first, second and third prize respectively for the best products.





FDP ATTENDED

- **Dr. Shalu George K.**, Associate Professor, and **Ms. Manju Sreekumar**, Assistant Professor, Department of EEE, attended the online Faculty Development Programme on "**Smart Sensor Systems: IoT-Based Sensor Design, Development and Applications in Electrical Engineering**", organised by the Department of Electrical and Electronics Engineering, Mangalam College of Engineering from 18 to 22 November 2024.
- **Dr. Lani Rachel Mathew**, Assistant Professor, ECED, has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on AI and Emerging Technologies for Sustainable Energy and Climate Adaptation at IIIT Kottayam from 25 to 30 November 2024.

IEEE DAY PES QUIZ

Arvind Vinod, S1 EC-2 and **Roshan George Jim**, S1 CT were selected as the winner and runner-up in the college-level IEEE Day



PES Quiz. They participated in the final round at CET, representing MBCET, and secured 3rd prize in the All Kerala IEEE Day PES Quiz 2024.

ILLUMINA ACTIVITY – FOOD FEST



Illumina, the Association of The Department of EEE organized a Staff Food Fest. Three groups were formed and the members arranged lunch including home made dishes. This helped in team building and increasing the bond amongst Members of EEE Department.

PAPER PUBLISHED

- **Mr. Akshay R. Nair**, **Mr. Arevind Mohan**, **Mr. Prince Varghese Monecy** and **Ms. Vaishnavi Vinod** of the 2020-2024 EC2 batch, presented and published a paper titled "**Smart Air Quality Monitoring System for Pulmonary Disease Management - OSA**" at the 2024 International Conference on Futuristic Technologies in Control Systems & Renewable Energy (ICFCR), held at Malappuram, Kerala, September 2024. The project was guided by **Dr. Lani Rachel Mathew** and **Dr. J. Jayakumari**. Obstructive sleep apnea (OSA) detection was performed with inputs from the Division of Sleep Research, SCTIMST, Trivandrum.
- **Ms. Lekshmy O.**, Chemistry Tutor from S&H published a paper entitled as "**Corrosion Inhibition Efficiency of Metal Complex of Carboxymethyl Chitosan in 3.5% NaCl**", in the Journal: Protection of Metals and Physical Chemistry of Surfaces (Springer), December-2024, ISSN :2070-2051.

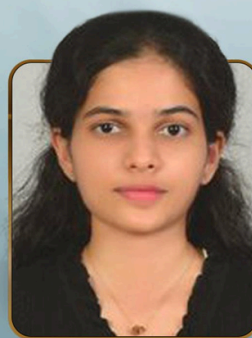
UPCOMING EVENT

The Dept. of CSE will be organizing a six Days FDP in Robotics & Intelligent Systems from 9 to 14 December 2024. Co-ordinators: **Ms. Jisha Jose**, Asst. Prof. and **Ms. Vichitra V. R.** (Lab Instructor Gr. II), Dept. of CSE.

PLACEMENTS

G10X Technology Pvt Ltd

NUMBER OF STUDENTS PLACED -2



NITHYA JOSE
CSE



RAHUL V
CSE

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