



PRINCIPAL'S MESSAGE

World Children's Day was established in 1954 as Universal Children's Day and is celebrated on 20 November each year to promote international togetherness, awareness among children worldwide, and improving children's welfare. As stated by the UN, every child is born with the same inalienable right to a healthy start in life, education, and a safe, secure childhood. India celebrates Children's Day Every year on November 14th commemorating the birth anniversary of India's first Prime Minister, Jawaharlal Nehru. For any country, children are its future and they will inherit the world. According to different reports, globally there are millions of children exposed to an environment of extreme poverty and deprivation, which makes them susceptible to exploitation in various forms. They become victims of child labour, trafficking, and sexual abuse. Most of these children are deprived of quality education, primarily due to economic constraints. In spite of the efforts by governments, charitable organisations and NGOs, lot more needs to be done for the well-being of those who are less fortunate. It is highly important and necessary that every one of us is aware of children's rights and their needs, and hence contribute to the welfare of children who still remain underprivileged.

Dr. S. Viswanatha Rao

TREE PLANTATION DRIVE



Department of Civil Engineering in association with the Indian Plumbing Association (IPA) Trivandrum Chapter, organized a Tree Plantation Drive as part of the National Water Mission initiative on 7 November 2024. This event, titled "A Tree in the Name of Mother" was to create awareness about environmental conservation and water management. The event was inaugurated by **Fr. John Varghese Palanilkunnathil**, Director, marking the beginning of an impactful and eco-friendly activity on campus. The inauguration was graced by the presence of **Mr. Nandakumar K.**, Chairman IPA Trivandrum chapter, **Mr. Thomas Job**, Vice chairman, **Mr. Oomen T. Thomas**, Treasurer, other representatives from IPA, **Fr. Thomas Mukalumpurathu**, the Finance Officer, **Dr. S. Viswanatha Rao**, Principal **Dr. Jisha S. V.**, HoD CED, **Dr. Neethu Roy**, Prof. & Dean (Research & Consultancy) and **Ms. Radhika P.**, Mentor of the IPA MBCET Students Chapter along with other staff and students. Following the inauguration, 50 saplings were planted across various locations in the campus. This event also served as a reminder to conserve water and protect natural resources, aligning with the mission of the Indian Plumbing Association and the National Water Mission.

INTER-ZONE KARATE CHAMPIONSHIP



Our students participated in the All Kerala Inter-Zone Karate Championship held at M A College Kothamangalam on 9 November 2024, and two of them secured second and third position in their respective categories. **Harishankar A. S.** S5 EEE [KUMITE +84 , 2nd Position], **Herin Mary Tiju** S1CT [KUMITE +68 3rd Position].

INAUGURATION OF MANORAMA VAYANAKALARI

Manorama Vayanakalari was inaugurated by **Dr. S. Ajeeshkumar**, MD, Vrindavanam Group on 7 Nov. 2024. **Mr. Joshi John Mathew**, Malayala Manorama Circulation Senior Officer, introduced the Program. **Fr. John Varghese**, Director, **Dr. S. Viswanatha Rao**, Principal, **Dr. V. Vinod**, **Dr. Remil George**, **Dr. Archana P. Das**, **Ms. Salga Ann Jacob**, **Ms. Dona Maria** (Faculty) and student representatives were present on the occasion.

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.



TLC WORKSHOP CONDUCTED



The Teaching-Learning Centre of MBCET organized its second session of the three-session talk on Pedagogy on 08 November 2024. A two-hour session on three topics related to Pedagogy: Methodology of Teaching, Classroom Management, and Psychology of Learners was conducted. The resource persons were: **Mr. Rakesh Sharma** (Faculty, M.Ed), **Mrs. Roshna Mariam Eapen** (Faculty, B.Ed), and **Dr. Joju John** (Principal) from Mar Theophilus Training College, Nalanchira. 25 Faculty Members participated in the workshop.

ONLINE TALK SESSION ON SOFTWARE TESTING, AN INDUSTRIAL APPROACH

Dept. of CSE in collaboration with CSI MBCET and ISTE MBCET organised an online talk session on ‘**Software Testing, An Industrial Approach**’ on 9 November 2024 for CSE students. The resource person was **Ms. Shalini L.**, Associate Consultant, Infosys. Faculty Coordinators: **Ms. Deepthi K. Moorthi**, **Ms. Poorna B. R.**, Asst. Professors, CSED.

BEST RESEARCH POSTER AWARD



Mr. Raveesh G., Asst Prof., MED, as part of his PhD work at IIT Delhi, got the Best Research Poster Award at an event Open House 2024, held on 9 November 2024. 250 research projects were showcased at this event.

INVITED LECTURE ORGANIZED



An invited lecture on ‘**Linear Algebra in Machine Learning Applications**’ was organized by the Department of Science and Humanities for the first year students of Computer Science on 13 November 2024. The Speaker for the session was **Dr. K. Satheesh Kumar**, Visiting Professor, Digital University.

RESEARCH PAPER PUBLICATION

- The paper "**Production of Biomass Derived Highly Porous Activated Carbon: A Solution towards in-situ Burning of Crop Residues in India**" by **Mr. Raveesh G.**, Assistant Professor at MED, was selected by Editor-in-Chief Duu-Jong Lee for inclusion in the Editor's Choice collection of Bioresource Technology Reports articles (in Science Direct) on the subject of "**Using waste as a resource.**".
- A paper titled "**Predicting Pressure Buildup behind Perforated plates under blast wave impact: a simplified approach**" submitted by **Mr. Vinod V.**, Assistant Professor, MED, who is presently pursuing research as part of his PhD at IIT Hyderabad, has been accepted for publication in the esteemed Physics of Fluids Journal.

PAPER PRESENTATIONS

Dr. Dishore S. V., Asst. Prof., EED presented a paper titled “**SEZE Converter based V2G and G2V Technology in a Microgrid using PI Controller**” in the 2024 IEEE 1st International Conference on Green Industrial Electronics and Sustainable Technologies (GIEST-2024) organized by the Kolkata Section- Silchar Subsection IES Chapter in collaboration with the Dept. of Electrical Engineering, NIT Manipur and IEEE Student Branch, NIT, Manipur, held on 25 and 26 October 2024.

Ms. Lekshmy O., Chemistry Lab Tutor Department of S & H presented a paper on “Comparative Analysis of Mg-MOFs and Dexamethasone on Osteoblast Viability: A Promising Approach for Osteoporosis Prevention” at the two-day seminar of National Seminar on Neoteric Advances in Chemical Sciences (NACS) -2024 at the Department of Chemistry, University of Kerala, Karyavattom, Trivandrum on 7 and 8 November 2024.

Managing Editor: Rev. Fr. John Varghese Palanilkunnathil, Director
Email: bursar@mbcet.ac.in

Chief Editor: Dr. S. Viswanatha Rao, Principal
Email: principal@mbcet.ac.in

Editor: Prof. Dr. George Zacharia

Design & Layout: Abey E. Mathews (ITMS)

Published by Mar Baselios College of Engineering and Technology, Mar Ivanios Vidyanagar, Nalanchira, TVM-695015