



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.

BCET
Bulletin

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PRINCIPAL'S MESSAGE

Global economic recession is a phenomenon that has immediate reflections on the technology adaptation. The reason for the recession could be many. But, since there are no natural calamities except a few localized incidents, the reasons could be man-made. At the same time industries want to be profitable, futuristic and tech savvy. That's why there is over emphasis for the super technologies like robotics and artificial intelligence. Indeed, we can employ AI/ML in certain areas to get better solutions, especially in medical diagnosis and prognosis. But, at the same time the entire education system jumping onto the AI bandwagon will naturally be devastating. It is an area that needs lot of fundamental knowledge, critical thinking abilities and the attitude to learn/unlearn. The learning required to become an expert in AI is tremendous. Mostly people try to attract the students for programmes on AI and give only a training on some tools. Let us be very realistic about we can and we want.

Dr. Abraham T. Mathew

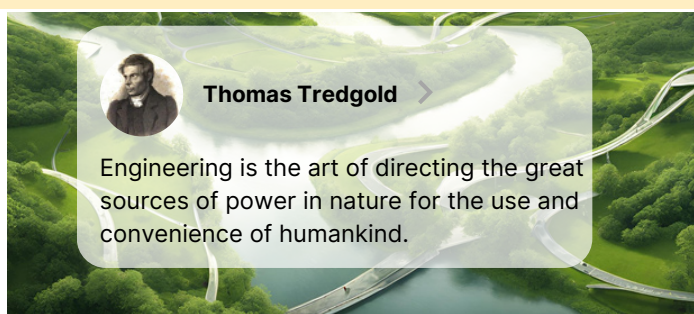
SKILL DEVELOPMENT PROGRAMME ON BIM



A 3 day Skill Development Programme on 'Building Information Modeling' for S8 students was organized by the Department of Civil Engineering, in association with CAD CENTER, Thiruvananthapuram from April 4 to 6, 2024. The resource persons were **Mr. Midhun S.** and **Mr. Vijeesh Kumar V.**, Technical Assistants, CAD CENTER, Thiruvananthapuram. The Faculty Coordinators were **Mr. U. P. Govind**, **Mr. Divyaprasad S. P.** and **Dr. Alice Thomas**, Assistant Professors, CED. Student Coordinators: **Reghu Nandan S.** and **Mr. Balu Sankar B. S.** S8 CE.

FACULTY NEWS

Dr. Nidhi M. B., Prof., MED, has been conferred the Fellow Status Member of Green ThinkerZ wef April 2024. Green ThinkerZ™ Society is a Registered Society that works on United Nations Sustainable Development Goals (SDGs): 2030. Green ThinkerZ® is Registered at NGO Darpan, NITI Aayog, Govt of India.



INTRA MURAL VOLLEYBALL



The exciting finals of Intra Mural Volleyball (Baselian Volleyball League) came to end on 3 April. The prize distribution was done by **Fr. Thomas Mukalampurath**, Asst. Bursar and **Dr. S. Vishwanatha Rao**, Vice Principal.

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.

FACULTY AS RESOURCE PERSON

- **Dr. Nidhi M. B.**, Prof., MED, conducted a workshop on Sustainable Waste Management practices in campuses as part of DRISTI Tech Fest 2024 of College of Engineering Trivandrum on 6 April 2024 coordinated by Clean CET Mission and NSS CET.
- **Dr. Dishore S. V.**, Asst. Prof., Dept. of EEE was invited as Keynote Speaker for the International Conference on Modern Trends in Engineering and Management (ICMTEM) organised by the Department of Electrical and Electronics Engineering, Stella Mary's College of Engineering in association with AB Technologies Nagercoil on 02 April 2024.



NPTEL COURSES COMPLETED

- **Dr. Jayakumari J.**, Prof. & HOD, Dept. of ECE completed 8 week NPTEL course on "Evolution of Air Interface Towards 5G" from January to March 2024 and obtained Elite + Silver certification
- **Dr. Sreedevi P.**, Assoc. Prof., Dept. of ECE completed 8 week NPTEL course on "Fundamentals of MIMO Wireless Communication" from January to March 2024 and obtained Elite certification
- **Mr. Shiras S. N.**, Asst. Prof., Dept. of ECE completed an 8 week NPTEL course on "Fundamentals of MIMO Wireless Communication" from January to March 2024 and obtained Elite certification.
- **Mr. Sherry Varghese George**, Asst. Prof., Dept. of ECE completed 8 week NPTEL course on "Fundamentals of MIMO Wireless Communication" from January to March 2024 and obtained Elite + Silver certification (5% Topper)

WORKSHOP ATTENDED

Dr. M. J. Jayashree, Prof., Dept. of ECE and IQAC Coordinator attended a Two day National Level Online Workshop for IQAC Coordinators titled " Strategies to strengthen the institutional capacities for Quality, Ranking and Accreditation" on 4 and 5 April 2024 conducted by Institute for Academic Excellence (IAE), Hyderabad.

CONSULTANCY



Topographical Survey as part of the construction of Arinalloor Peringalam Bridge, Kollam was conducted by the Dept. of CE, for Kerala PWD

PAPER PUBLICATION

J. L. Lakshmi, J. Jayakumari, "A Reduced Complexity Rate Matching and Channel Interleaver/ de-interleaver for 5G NR," Engineering Research Express, vol.6, April 2024 (Scopus Indexed)

STUDENT ACHIEVEMENT

Sarang G. S. of S6 EE was selected as IEEE PES DAY 2024 Brand Ambassador.



PLACEMENT

A. S. Raj Krishnan, Anija A. R., Ashmi Issac, Binita Susan Thomas and Muhammed Dhanish J. S8 CE got placed in Bond Interiors International Pvt. Ltd as Junior Technical Detailer