



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



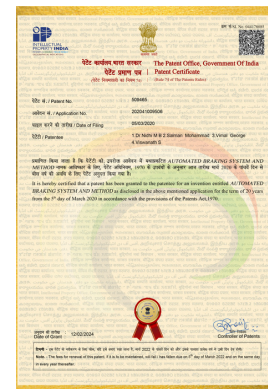
PRINCIPAL'S MESSAGE

With the announcement of the results of the JEE Mains 2024 we can say that the admission process for the Engineering Degree Programmes in India has begun. In Kerala there is heated discussion on whether to welcome or stop Foreign Universities and whether to allow or deny Private Universities. One thing is very clear. Secular education is something which people would need perennially for all generations. How best we keep the system up to date would decide how far the new generations and their parents would accept it. Individual's empowerment to find a sustainable living comes through education in this era of knowledge economy. Even though we cannot do away with agriculture and forget the basic needs, there are higher social needs that can only be met through the application of knowledge. Four or five decades' ago large number of young people travelled all the way to North India to get degrees in the disciplines of their choice. Now the situation in the State is better. But, we need a concerted effort to augment the infrastructure to further improve the quality of education. Mere welcome to Foreign Universities won't be enough. Established colleges would also need substantial make over in a continuous manner to meet the current needs in terms of skills and knowledge. Let us be very pragmatic in our outlook. We are eager to welcome a new batch of students.

Dr. Abraham T Mathew

PATENT AWARDED

A patent has been granted to **Prof.(Dr.) Nidhi M.B**, Dept. of ME and Team (**Salman Mohammad, Vimal George and Viswanath S.** – Students of 2016-2020 Batch) for the invention titled **Automated Braking System and Method** for a term of 20 years w.e.f. 5 March 2020 in accordance with the provisions of the Indian Patents Act, 1970.



FACULTY BAGS BEST TEACHER NATIONAL AWARD



Dr. Nidhi M. B., Professor, MED won the MIET Mehaboobi Mohamed Yunus Memorial National Award for the Best Woman Engineering College Teacher for the year 2022. The Award was presented at the 52nd ISTE National Annual Convention at Kalaburagi (Karnataka State) on 12 February 2024. The Award includes citation and cash prize.

KERALA ENERGY FEST

A team of EE and ME faculty attended Kerala Energy Fest and the launch event of Centre for Energy studies, an initiative by Energy Management Centre Kerala, to promote innovation among students in Technical institutions. The Team also attended the faculty interaction to explore opportunities for Engineering Colleges in preparing Detailed Project Reports for 60 potential sites for Small Hydro Projects (SHP) in Kerala. The team consists of **Mr. Aswin R B**, **Ms. Neetha Chandran** of EED and **Mr. Ayswer A S**, **Mr. Ajeesh M V** of MED.



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.

UNIVERSAL HUMAN VALUES WORKSHOP



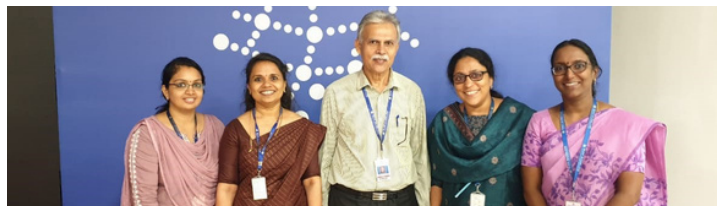
A workshop on 'Universal Human Values' was conducted on 02 and 03 February 2024 in our College at Pascal Hall. Resource Persons: **Dr. S Ushakumari** Professor and Dean, Corporate Relations and **Dr. Jisha S.V.**, HoD CE. 25 staff members of Stackmod Innovations Pvt Ltd, an IT Company operating from CCCIET Malankara Arcade participated in the Programme. Sessions on various topics like Value Education, namely, Basic Aspiration, Right Understanding in the Self, Right Understanding of Relationships, Right Understanding of Physical Facility were discussed. **Mr. Vipinkumar K. C.**, Corporate Relations and **Dr. Veena Nair**, Assistant Professor, S&H Coordinated the Programme. **Sanjana D.S.**, S4 CS1 also participated and shared her UHV experience.

FACULTY DEVELOPMENT PROGRAMME CONDUCTED



The Biomedical Research Group, Department of ECE, in association with the IEEE EMBS Kerala Chapter, conducted a five-day FDP on "Recent Trends in Healthcare and Assistive Technologies – RTHAT'24" from 29 January to 02 February 2024, to foster disability inclusion in society and to create an awareness regarding the recent trends in healthcare technologies. The FDP was formally inaugurated on 29 January 2024, by **Mr. Jithin Krishnan**, Vice Chair, IEEE EMBS Kerala Chapter, in the presence of **Rev. Fr. John Varghese**, Bursar, **Dr. Abraham T. Mathew**, Principal, **Dr. S. Viswanatha Rao**, Vice Principal, and **Dr. J. Jayakumari**, HoD, ECE. The FDP comprised sensitization sessions on the various forms of disabilities, expert talks on healthcare and assistive devices, field visit to SCTIMST, and hands-on session on STM32. The sessions were handled by experts from SCTIMST, NISH, C-DAC, IIST, Jyothirgamaya Foundation, Pallium India, and MBCET. The participants enthusiastically contributed and took part in the various activities and discussions during the various sessions of FDP. The FDP was coordinated by **Dr. M. J. Jayashree**, and **Ms. Amritha B. J**, Department of ECE.

ATTENDED GSKF 2024 CONCLAVE



Dr. S. Viwanatha Rao, **Dr. Nisha G.K.**, **Dr. Neethu Roy**, **Dr. Tessy Mathew** and **Ms. Surasmi N.L.** attended EduTech Conclave (Theme - Paradigm Shift in Engineering Education for Sustainable Knowledge Development), organised by KSCSTE & S&T Dept., as part of Global Science Festival Kerala (GSKF) 2024 on 2 February 2024 at GSKF Festival Campus, Bio 360 Life Sciences Park, Thonnakkal, Thiruvananthapuram.

FACULTY AS GUEST OF HONOUR



Dr. Nidhi M. B., Professor, MED inaugurated the Tech sphere exhibition on AI technology and robotics at Navajeevan Bethany Vidyalaya, Trivandrum on 3 February 2024.

FACULTY TRAINING OF CSE

Ms. Vijitha Robinson, Asst. Professor, Dept. of Computer Science and Engineering successfully completed the Mentor Based Training of National Initiative for Technical Teachers Training by AICTE.

FDP ATTENDED

Ms. Poorna B. R., **Ms. Prathibha S. Nair**, **Ms. Vijitha Robinson**, Assistant Professors from the Department of CSE participated in the 5-day online FDP on "Recent Trends in Biomedical applications using AI" organized by the Department of CSE in association with the Centre for Faculty Development of St. Peter's Institute of Higher Education and Research Centre, Chennai from 29 January to 2 February 2024.



FDP ATTENDED



Dr. Sreedevi P., Mr. Shiras S. N., Mr. Sherry Varghese George attended a 6 day ATAL BASIC FDP on "Exploring the Path to 6G: Unleashing the Potential Beyond 5G" from 5 to 10

February 2024 at The National Institute of Engineering (South Campus), Mysuru. This was sponsored by AICTE, New Delhi and AICTE Training & Learning (ATAL) Academy.

STTP ATTENDED

Dr. Nisha G. K., Ms. Sandhya P., Ms. Manju Sreekumar, Ms. C. Sojy Rajan, Ms. Surasmi N. L. attended an online 5 days STTP on "Enabling Power Electronics Technologies for EVs Ecosystem" from 05 to 09 February 2024 organized by the Department of Electrical Engineering, NIT Uttarakhand.

PAPER PUBLISHED

Ms. Jisha Jose, Asst. Professor, CSE published Journal paper titled "Unveiling the IoT's Dark Corners: Anomaly Detection Enhanced by Ensemble Modelling" in AUTOMATIKA: Journal for Control, Measurement, Electronics, Computing and Communications on 8 February 2024.

LIBRARY NEWS



MBCET Library conducted a Seminar on "Empower Your Knowledge Journey with Knimbus Offline Training" for M.Tech Students on 14 February 2024 at the Senatus Hall. The Resource Person was **Mr. Arjun Nair**, Asst. Manager – Product Trainer, GIST, New Delhi. **Binu K John**, Librarian delivered Welcome Speech and **Fr. Meljo Sebastian Thomas** (M2, CE-SE) proposed the Vote of Thanks.

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Ph.D AWARDED

Ms. Preethi P. C., Asst. Professor, Chemistry, Department of Science and Humanities has been awarded the Doctorate Degree for her Ph.D. Thesis titled "Synthesis, Characterization, Structural Studies And Applications of Metal Carboxylates and Composite Materials", from the Department of Chemistry, University of Kerala.

PLACEMENT DETAILS

Eight students from S8 B.Tech ME got placed in Gulf- Asia Engineering and Projects as Graduate Engineer Trainee on 13 February 2024. This marks the highest Core placement in ME Department. The drive was conducted under the leadership of **Dr. Nidhi M. B.** with the support of **Mr. Abel George**, Placement Officer, Training and Placement Unit (TPU).



UPCOMING EVENT

Faculty Development Program
Digital Nexus: Unveiling IoT Foundations

Feb 21 - 23, 2024
9:30 AM - 4:00 PM

Venue: Intel Unnati Data Centric Lab,
MBCET, Nalanchira, Trivandrum

Limited seats available

Hurry, Register now!

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