



MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

BCET
Bulletin

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

@officialmbcet



PRINCIPAL'S MESSAGE

We are at the beginning of a new year. We continue with what we have been doing in 2023. We may also plan for something new and sometimes something translational too. The drive to learn and advance is typically innate to the human beings. Famous Anglican writer C.S. Lewis said "You are never too old to set another goal or to dream a new dream" It's quite motivating to see how people strive to excel in their domains and how they actually perform despite many intimidating limitations. Arguably, no one would ever have the cent per cent conducive environment to perform well and go to the pinnacle of their fame. What enables and facilitate them are the determination and the sheer hard work. Let us look back and re-orient ourselves with new spirit and new energy to make 2024 a year of higher achievements for all of us and the institutions we work for.

Best Wishes for a Happy and Prosperous New Year

Dr. Abraham T Mathew

CHRISTMAS CELEBRATION AND FAMILY GET TOGETHER



Under the auspices of the Staff Club, the Christmas celebrations and the annual Family Get together were held at the OAT on 3 January 2024. **H. B Moran Mor Baselios Cardinal Cleemis Catholicos**, the Major Archbishop and Patron of our College gave the Christmas Message. **Fr John Varghese**, Bursar, **Dr. Abraham T Mathew**, Principal and **Dr. S. Viswanatha Rao**, Vice Principal spoke on the occasion. The meeting was followed by Carol Songs by the Staff Members and the dinner.

VISIT OF FRENCH TEAM



A Team from the French Embassy had discussions with the Principal, Bursar and Deans to find out the possibility of Tie-ups with the Institutions in France. The meeting was held on 4 January 2024 at the Board Room. This visit is part the efforts from the Management for a larger global outreach.

INTERNATIONAL CONFERENCE ON LIFESKILLS INAUGURATION



Shri V. Muraleedharan, Hon. Union Minister of state for External Affairs inaugurated the 8th International Conference on Life Skills on Thursday 04 January 2024 in the presence of **H. B Moran Mor Baselios Cardinal Cleemis Catholicos**. This was conducted in Visvesvaraya Hall and organized by Mar Theophilos Training College jointly with the Life Skills Association of India.

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.

CHRISTMAS CELEBRATIONS



The Department of EEE conducted the Christmas celebrations on 22 December 2023 in the Faraday Hall under the leadership of **Dr. Elizabeth Varghese**, Associate Professor and HoD. **Dr. Abraham T. Mathew**, Principal, MBCET, **Dr. Elizabeth Varghese** and **Dr. Nisha G K**, Professor and former HoD, gave the Christmas messages. Christmas gifts were exchanged among the Christmas friends. Carol songs were sung by the staff members and Christmas cake was distributed.

EXPO 2023 TRASH TO ART



Nature Club and Waste Management Cell of MBCET organized an exhibition of the creative works of the First year UG students on the theme "Trash to Art", as part of the awareness drive and initiative for a Clean and Green Campus. The event was coordinated by **Dr. Jaya S Pillai** and **Dr. Soumya A V** alongwith teachers handling Environmental Science Course. Student coordinators were **Alan Gabriel**, **Jobin S R**, **Gopi Krishnan** (S5 EE1) and **Alan A Vincent** (S7CE1). Winners: **Sreedev Jayan** and **Bijoy B S** (S1 CE2) first prize, **Akshitha Mohan** (S1EE) second prize and **Aneeta Sibi** (S1 EL) third prize.

IEEE KERALA SECTION 40TH ANNIVERSARY



Dr. Nisha G K, Prof., EED attended 40th Anniversary celebrations of IEEE Kerala Session on 10 December 2023 at Mascot Hotel, Trivandrum. The event was inaugurated by **Prof. Saifur Rahman**,

IEEE Life Fellow, Director of Virginia Tech Advanced Research Institute, USA, and the current IEEE President was present for the Anniversary. **Prof. Rahman**, a trailblazer in Technology and Innovation, shared his insights on IEEE's role in Climate Change Mitigation & Resilience.

SITE VISITS



S5 CE1 students were taken to Kerala's first Cement factory, The Travancore Cements Limited (A Govt. of Kerala undertaking) at Nattakom, Kottayam on 15 December 2023 as part of the course 'Construction Technology and Management'. The visit was coordinated by **Ms. Indhu Luke**, **Ms. Jomy James** and **Mr. Johnson George**, CED.



Students of S5 Civil Engineering class were taken to the site of prefabricated multilevel car parking construction at Palayam, a Smart City Trivandrum Project. The visit was coordinated by **Ms. Jomy James** and **Ms. Smriti Cheriya**, AP, CED.



STUDENT ACHIEVEMENTS

- Diya Vijayan V D of S3 EC2 got selected to the KTU Basketball Team to participate for the South Zone Inter-University Tournament to be held at Jain University, Bangalore from 25 to 28 December 2023.
- Shone C Achankunju of S3 EC 2 got selected in the University Team to participate for the South Zone Inter-University Athletic Championship (*Events: Long jump, 200m race & 4 x 100m relay*) to be held at Tamil Nadu Physical Education and Sports University, Chennai from 29 December 2023 to 1 January 2024.

VISITING FACULTY

In connection with the visiting faculty programme in the Dept. of Electrical Engineering, College of Engineering Trivandrum, **Dr. Elizabeth Varghese**, Associate Professor and HoD, EED delivered lectures on "Modelling and Control of Fractional Order Systems" on 13, 18 and 19 December 2023.



FACULTY AS RESOURCE PERSON



Ms Ruby Maria Syriac, AP MED, successfully delivered the first knowledge sharing session on the topic 'Assembly Modelling – A Hands on Experience' under the MoU with UITM Mara Malaysia on 20 December 2023.

ISTE NEWS

Children's Day

As part of World Television Day on November 21, 'Seize the lens', an online videography competition was conducted by ISTE MBCET for all students. Many took part in the online quiz competition.

The following are the Winners: 1st place – **Aashish S** (S3 CS1), 2nd place – **Abhinav A J** (S3 EC1), 3rd place – **Jeffin I Patrick** (S3 EC1).

Summer Quest

As part of Mountain Day, ISTE MBCET held an online quiz competition called 'summer quest' on 11 December 2023. This quiz competition drew approximately 25 students. The winners will be announced shortly.

IET NEWS

IET MBCET organised a talk on "Power of Engineering Simulations: A Cinematic Perspective" on 8th December 2023. The resource person was **Mr. Bobin Saji George**, Assistant Professor, MED, MBCET. The session witnessed active involvement from more than 80 participants, **Ann Santhosh** of S7 ECE coordinating the event.



IET NEWS



Dr. A V Soumya, Asst. Prof, EED, MBCET, who had been serving as the Treasurer, IET KKLN has been elected the new Honorary Secretary, IET Kanyakumari Local Network (KKLN).

ALUMNI NEWS

Mr. Joseph John Panicker, Alumnus 2016-20 EEE Batch joined IU, International University of Applied Science, Berlin, Germany for MBA in Innovation and Entrepreneurship, during January 2024.



Mr. Joshua Radeen, **Ms. Anakha Ajith** and **Mr. C. Akhil**, MBCET Alumni 2019-23 EEE Batch, presented a paper based on their final year



project in the International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE 2023) conducted from 17 to 20 December 2023 at Hotel Hycinth, Thiruvananthapuram.

CONFERENCE ATTENDED

Dr. Jisha S V, HoD CE and **Mr. Sreeju Nair S B**, AP CE attended the International Conference on Condition Assessment, Rehabilitation and Retrofitting of Structures (CARRS 2023) from 11 to 13 December 2023 at IIT Hyderabad. **Mr. Sreeju Nair S B** presented his paper titled 'Behaviour Of Fire-deteriorated Reinforced Concrete Beam Column Joint - A Review' in the conference co-authored by **Dr. Jisha S V** and **Dr. Anupama Krishna D**.





FACULTY AS REVIEWER



Mr. Bobin Saji George, AP MED, served as Program Committee Member and Reviewer for 5th International Conference on Communication and Intelligent Systems (ICCIS 2023) organised by Malaviya National Institute of Technology, Jaipur (NIT Jaipur - An Institute of National Importance) and Soft Computing Research Society during 16 to 17 December 2023. The conference proceedings are scheduled to be published in Scopus indexed Springer Book Series, 'Lecture Notes in Networks and Systems'.

COURSE COMPLETED

- **Dr. Anne Dickson**, Assistant Professor, Dept of CSE successfully completed the three-day Online Course on "Demystifying Generative AI", conducted by IHRD, from 30 November to 2 December 2023.
- **Ms. Vishagini V.** Assistant Professor, Dept of CSE successfully completed the online course on "Introduction to Data Science", conducted by CISCO Networking Academy.

POSTER MAKING COMPETITION



As part of the Energy Conservation Day celebrations on 14 December, IEI MBCET and NSS Units 230 and 706 of MBCET collaboratively organized a poster-making competition on the theme of 'Save Energy'. The event drew participation from 15 volunteers. **Feba M Paul S1 CE1** secured the first position, while **A Samyuktha Syam, S7 EE1** won the second position in the competition.

CHAired THE SESSION

Ms. Sreeja S. R., Assistant Professor, Dept. of CSE, chaired the session on "Mixed Reality in Surgery Planning" conducted as part of the Pulse Talks, organized by IEEE EMBS, on 14 December 2023.

PAPER PUBLICATION



Ms. Lekshmi Chandran, faculty of CE Department, published the work "A Field Study Using Coir-Latex Composites as Wave Barriers for the Attenuation of Ground Vibration" in the Indian Geotechnical Journal (SCIImago indexed), December 2023.

UPCOMING EVENT

FIVE-DAY FACULTY DEVELOPEMENT PROGRAM
ON

LIDAR APPLICATIONS
IN
ADVANCED SURVEYING

8-12 January, 2024



Department of Civil Engineering, Mar Baselios College of Engineering and Technology, is conducting a Five Day Faculty Development Programme on "LIDAR Applications in Advanced Surveying" from 8 to 12 January 2024. The link for registration is <https://forms.gle/oAjWaeFvLV8DGx43A>. Coordinators of the program are **Ms. Akhila A.M**, AP, CE Department (9544627512) and **Mr. Nitin S.**, AP, CE Department (9995735762).





CHRISTMAS CELEBRATION AND FAMILY GET TOGETHER



Managing Editor: Rv. Fr. John Varghese Palanilkunnathil, Bursar
Email: bursar@mbcet.org

Chief Editor: Dr. Abraham T. Mathew, Principal
Email: principal@mbcet.org

Editor: Dr. George Zacharia, Dean (Student Affairs)

Design & Layout: Abey E Mathews (ITMS)

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