


**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.

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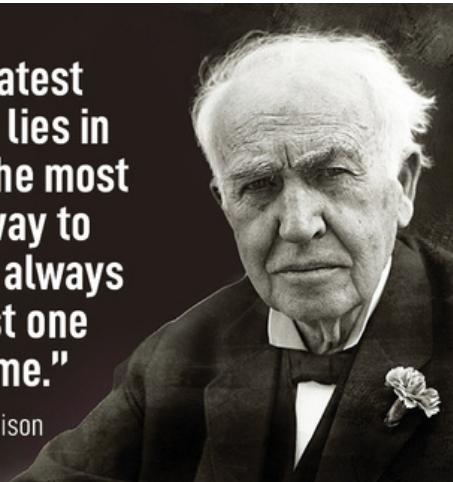
## PRINCIPAL'S MESSAGE

“The road towards progress is always under construction” Anthony Robbins writes in Book “Unlimited Power”. When people think about progress they often use the metaphor of a road. It’s why “the road to progress” is such a common aphorism. The blog ([thegrowtheq.com](http://thegrowtheq.com)) argues that rather than conceiving of progress as a road, it is far more accurate and helpful to think about progress as a path. A “road” resists time and the elements, building up tension until eventually it cracks and crumbles. A path embraces change and is constantly rerouting itself accordingly. “Though at first, a road may seem stronger, a path is far more robust, durable, and persistent. Attaining sustainable progress means treating our important pursuits like a path”. In the beginning of the new year, we may explore the new frontiers and set our goal and get going. Development is inevitable and inseparable from the process. We have to be adaptive and enduring to reach the new heights in the path ahead. Let’s go!

**Dr. Abraham T Mathew**

**“Our greatest weakness lies in giving up. The most certain way to succeed is always to try just one more time.”**

Thomas Edison



## Greetings to



*Fr. John Varghese*

Our Bursar,  
on the occasion of his

*Sacerdotal Silver Jubilee*

(13 January 2024)

## FDP ON LIDAR APPLICATIONS IN ADVANCED SURVEYING



The Department of Civil Engineering conducted a five-day Faculty Development Programme (FDP) on LiDAR Applications in Advanced Surveying, from 8 to 12 January 2024. The FDP was formally inaugurated on 08 January 2024 by **Sri. Nizamudeen A. IAS**, Director, Kerala State Remote Sensing and Environment Centre. In the presence of **Sri. Narayanan Namboodiri T V**, Chief Engineer, Kerala Water Authority, **Dr. Abraham T Mathew**, Principal, **Rev. Fr. John Varghese**, Bursar and **Dr. S Viswanatha Rao**, Vice Principal, convened the function. Resource persons from the field of GIS and LiDAR from Kerala Infrastructure Investment Fund Board (KIIFB), National Centre for Earth Science Studies (NCESS), Indian Institute of Space

**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.

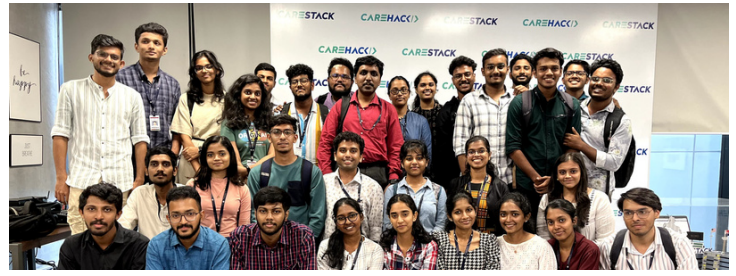


### FDP on LiDAR Applications in Advanced Surveying Continue..

Science (IIST), Government College of Engineering, Barton Hill and College of Engineering Trivandrum handled the sessions. The FDP had a total of 30 participants from various government and non-government organisations, from different parts of the State.

A visit to the Department of Earth and Space Sciences, Indian Institute of Space Science, IIST, Valiamala was conducted on 12 January 2024 as part of the FDP. A detailed overview of the latest Remote Sensing Techniques and LiDAR equipment was demonstrated by **Dr. Rama Rao Nidamanuri** (HoD) and his team. The FDP enriched the knowledge about LiDAR applications and Remote Sensing Techniques and received excellent feedback. The event was coordinated by **Mr Nitin S** and **Ms Akhila A M** (Assistant Professors, Department of Civil Engineering, MBCET)

### INDUSTRIAL VISIT TO CARESTACK



An industrial visit to CARESTACK, a product-based IT company, was organized for the third-year students of the Department of Computer Science & Engineering on 10 January 2024. An interactive session was conducted by **Mr. Anand Krishnan**, Product Manager at CareStack, which gave a glimpse into the experiences and the drive that a product-based company can offer. The visit was concluded by a session handled by **Mr. Arun S**, on 'Importance of Lifelong Learning Insights, Networking'. Faculty Coordinator **Dr Tessa Mathew**.

### KEERTHANA D S : DISTRICT HOCKEY CHAMPION



**Keerthana D S** SICEI participated in the Junior District League Championship held at GVHSS, Vattiyoorakavu on 13 and 14 January 2024. Her Team (Galaxy Hockey Club) won the Championship and she has been selected to the State Camp. State Championship will be held at Malapuram from 11 to 14 April 2024.

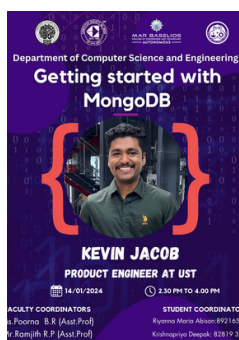
### TALK CONDUCTED



As an initiative towards proper Waste Management, the Environmental Cell of MBCET along with Waste Management Cell conducted a talk on "Awareness on Solid Waste Management" on 20 December 2023 for the House Keeping Staff and the Faculty and Students of the Sustainability Cell. The speaker of the session was **Mr. Pratheesh M V**, Project Coordinator, Green Worms Pvt Ltd. P. The talk was coordinated by **Dr. Nidhi M B**, Coordinator Environmental Cell and **Dr. Soumya A V**, Coordinator, Waste Management Cell.

### HANDS-ON SESSION ON "GETTING STARTED WITH MONGODB"

Department of Computer Science and Engineering in collaboration with ISTE MBCET and CSI MBCET organised an online hands-on session on "Getting started with MongoDB" on 14 January 2024 for S5 CSE students. The resource person was **Mr. Kevin**



**Jacob**, Product Engineer at UST. Faculty Coordinators: **Ms. Poorna B.R.** and **Mr. Ramjith R.P.** Student Coordinators: **Ms. Krishnapriya Deepak** and **Ms. Riyanna Maria Abison**.

### WORKSHOP ATTENDED

**Mr. Shibu V.S.** Asst. Professor, Dept of Computer Science and Engineering has successfully completed the Seven-day FDP SERB Karyashala High- End Workshop on "Developing a Robust and Secular Routing algorithms for Real Time Vehicular Networks" organised by the Department of CSE, NIT Calicut, from 8 to 14 January 2024.



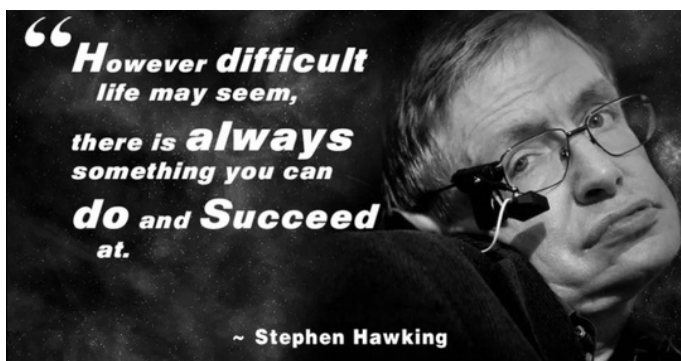


## FDP ATTENDED

1. **Dr. J. Jayakumari**, Professor & Head of Dept. of ECE attended five days online FDP on “**AI based wearable biosensing devices for healthcare analyties**” organized by Sri Shanmugha College of Engineering and Technology from 8 to 12 January 2024.
2. **Dr. Jaya S Pillai, Ms. Rintu Johnson and Ms. Jisa Jose** Dept of CE attended an FDP on “**Sustainable Development Goals - The Way Ahead**” organised by the Department of Civil Engineering, College of Engineering Trivandrum from 8 to 13 January 2024 in online mode.
3. Faculty members from the ME Department, **Dr. K. Muraleedharan Nair, Dr. Remil George Thomas, Mr. Ayswer A. S., Mr. Roshan George Koshy, Mr. Ajeesh M. V., Ms. Ruby Maria Syriac, Mr. Vaisakh S. Nair and Mr. Alen K. Johnson** attended a 5 day online FDP on ‘**Developments in Renewable Energy Systems and Technologies**’ organised by Department of Mechanical Engineering, Musaliar College of Engineering & Technology, Pathanamthitta during 8 to 12 January 2024.

## STUDENT PLACEMENT

- **Ms. Sandhra Rose Chackochan**, final year student from ME Department got placement in Bosch Limited.
- **Niranjana S and Karthik R**, students of S7 Civil Engineering, are placed in Amerigo Structural Engineers Pvt. Ltd as Detailer Trainee.



## UPCOMING EVENTS

## 1) FACULTY DEVELOPMENT PROGRAM

The Biomedical Research Group, Department of Electronics and Communication Engineering, MBCET, in association with the IEEE EMBS Kerala Chapter, is organizing the five days FDP on **Recent Trends in Healthcare and Assistive Technologies (RTHAT'24)** at MBCET, from 29 January 2024 to 02 February 2024.

The FDP comprises expert sessions on the recent trends in healthcare and assistive technologies, including the sensitization sessions on the various forms of disability and field visit.

Faculty & Research Scholars of Electronics and Communication Engineering, Biomedical Engineering, and related disciplines.

**Registration details**

Registration Fee: Rs. 1000/- for faculty, Rs. 850/- for research scholars

Registration Link: <http://tinyurl.com/FDP-RTHAT>

Registration Deadline: 25 January 2024

## 2) FDP on AI

The Department of Computer Science and Engineering in Association with Computer Society of India SB is organizing a six days online FDP on **Generative AI With Hands-On training using python** scheduled from January 29 - February 3, 2024. Time: 6:00 pm -9:00 pm

Participants in the FDP will gain a comprehensive understanding of fundamental concepts, principles, and techniques related to generative AI.

Faculty & Research Scholars of Engineering Colleges, Universities and other allied disciplines can apply.

**Registration details**

Programme Fee: 500 for faculty/ Research scholars, Rs.700 for Industry Experts

Registration Link : <http://tinyurl.com/FDP-GENAI>

Registration Deadline : 25 January 2024

Brochure : <http://tinyurl.com/gen-ai-fdp>

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