



MAR BASELIOS  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
AUTONOMOUS

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## Department Activities

### VISION

TO BE A CENTRE OF EXCELLENCE IN COMPUTER SCIENCE AND ENGINEERING PROVIDING QUALITY EDUCATION AND RESEARCH FOR THE BETTERMENT OF THE SOCIETY.

### MISSION

TO IMPART SOUND KNOWLEDGE IN THEORETICAL AND APPLIED FOUNDATIONS OF COMPUTER SCIENCE AND ENGINEERING, AND TO TRAIN THE STUDENTS TO SOLVE REAL LIFE ISSUES TO EFFECTIVELY DEFINE AND SHAPE LIFE.

## DESIGN PATENT REGISTERED

Ms. Sreeja S. R. (Asst. Professor, Dept. of CSE), Mr. Allen Manu Philip, Mr. Dilshan Dileep Shyni, Mr. Manikandan B. Nair and Ms. Medlyn Sairah Jacob (2024 CSE Passout Batch) have acquired a design registration in respect to the application of the design to “Assistive Device for the Visually Impaired”, on August 2024.

## Ph.D AWARDED

Ms. Merlin George, Asst. Professor, Dept. of Computer Science & Engineering, has successfully defended her PhD thesis titled “Patient-Centric Healthcare using Blockchain Technology” and is awarded with Doctoral degree by NIT Calicut, on August 2024.



## INTERNSHIP AT MERP SYSTEMS

Ms. Angel T. John, Ms. Anna Biju Abraham, Mr. Aravind J. L., Ms. Feba Mariam Jacob and Mr. Sam Sudheer, final year students of the Department of Computer Science and Engineering got selection for four months internship at MERP Systems from August to November, 2024.

## INDUSTRIAL VISIT TO UST

The Department of Computer Science & Engineering has organized an industrial visit to UST, for the third-year students of the department, on 20-8-2024, Tuesday. The students were accompanied by the faculty members: Ms. Sreeja S. R. & Dr. Merlin George.



## WINNER OF ART OF TEACHING 3.0 COMPETITION

Dr. Merlin George, Assistant Professor, Department of Computer Science and Engineering, won first prize in the Art of Teaching 3.0 competition organized by  $\mu$ Learn.



## INFOSYS SPRINGBOARD CERTIFICATION

Dr. Merlin George, Assistant Professor in the Department of Computer Science & Engineering, has successfully completed the DevOps Foundation Certification on Infosys Springboard.

Ms Krishna L Assistant Professor, Dept. of Computer Science & Engineering, completed the Artificial Intelligence Foundation Certification' of Infosys Springboard.

## MOTIVATIONAL TALK SESSION

On 18th August 2024, an online motivational talk session was organized by the Department of Computer Science & Engineering in association with CSI SB MBCET, featuring Dr. Giby Geevarughese, Associate Professor in Psychology, Mar Theophilus Training College. Mr. Chris Thomas Abraham of S3 CS2 introduced the speaker, and the event had active participation from students, faculty, and professionals, all eager to learn about personal empowerment and growth. A total of 81 students attended the session. Mr. Niranj R of S3 CS2 delivered the vote of thanks, expressing gratitude to Dr. Giby Geevarughese for her

enlightening and motivating talk. The session was a resounding success, leaving attendees inspired and equipped with valuable tools for personal and professional growth. Dr. Geevarughese's insights left a lasting impression on all who attended. Faculty Coordinator: Ms. Deepthi K. Moorthy (Asst. Professor, Dept. of CSE).



CSI SB MBCET TRIVANDRUM MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY AUTONOMOUS

Department of Computer Science and Engineering in association with CSI SB MBCET presents

# Motivational Talk Session

**Speaker**

**DR. GIBY GEEVARUGHESE**  
Former Chairperson (2016-2019),  
Board of Studies in Education (UG);  
Former Board of Studies Member (PG);  
University of Kerala

**Date and Time**

18<sup>th</sup> August 2024  
7.30 PM – 8.30 PM

**Mode**

Google Meet

**Register At:**  
[bit.ly/csisbmbcet](https://bit.ly/csisbmbcet)



## ATTENDED FACULTY ENABLEMENT PROGRAM

Dr. Tessy Mathew, Professor in the Department of CSE, actively participated in the faculty enablement program on Artificial Intelligence Foundation conducted by Infosys Springboard from 24-28 th June 2024.

Dr. Priya Mariam Raju, Assistant Professor, Department of Computer Science and Engineering, participated in the Faculty Enablement Program on “Artificial Intelligence” conducted by Infosys Springboard from 24 th June 2024 to 28 th June 2024.

Dr. Neena Raj N R, Assistant Professor in the Department of Computer Science and Engineering, participated in Faculty Enablement Program on Artificial Intelligence conducted by Infosys Springboard from June 24, 2024, to June 28, 2024.

## BEST ACADEMIC PARTNER OF ICT ACADEMY OF KERALA AWARD

Dr. M. J. Jayashree, Dean of Academic Affairs (UG), on behalf of MBCET, received the award for Best Academic Partner from the ICT Academy of Kerala for the academic year 2023-24



## FDP ATTENDED

Ms. Krishna L. and Ms. Gauri Shree V.K., Assistant Professors in the Department of Computer Science and Engineering, participated in and completed a 5-day online Faculty Development Program (FDP) titled "Instilling Universal Human Values in Technical Education." This program was organized by AICTE and took place from August 5 to August 9, 2024.

## INDUSTRY CONNECT PROGRAM WITH MR. STEFAN JURASCHEK, FORMER VICE PRESIDENT BMW

An exclusive industry connect program was organized by Acsia Technologies in association with IEEE and SAE India at College of Engineering Thiruvananthapuram (CET). The event featured Mr. Stefan Juraschek, former Vice President of Research & Development (Electrical/Electronics) at BMW Group and Strategic Advisor to Acsia Technologies. Engaging with Mr. Juraschek provided valuable insights into the latest trends in automotive technology. The program was well-received, and the interactions were both informative and inspiring for all participants. The MBCET team was led by Dr. S. Ushakumari, Mr. Vipinkumar K.C., and Dr. Merlin George along with student representatives - Aswin G, Jency D Dev, Jovina Rose, Nanditha V, Navaneeth M S, Neha Anna Koshy, Rahul George Paul, Silpa C, Sona S, Sruthy Jose, Vaisakha Ashok Nair, and Neeraj Krishna who actively participated in the event. MBCET has a close collaboration with Acsia Technologies and Mr Stefan came to see MBCET during his visit to India in February 2023.



## IDEATHON ON "ETHICAL AI" WINNERS

Mr. Yash Chhalotre (S5 EL) and Mr. Anand Pillai (S5 CS2 ) won the Second Prize and Mr. Manuraj M S, Mr. Hanok Samuel Boban and Mr. Navin Tom Babu (S3 EL) won the Fourth Prize in the Ideathon on "Ethical AI" conducted by Kerala University of Digital Science, Innovation and Technology in association with Mozilla Foundation.

## FDP ATTENDED

Ms. Jisha Jose, Asst. Professor, Dept. of Computer Science & Engineering has completed a 6-day FDP on “Recent Advancements in machine learning and Deep learning” , held from 24th June 2024 to 29th June 2024 organized by Pencil bitz in association with the ministry of MSME, Government of India.

Deepthi K Moorthy, Assistant Professor, CSE Department participated in one week online workshop on Machine Learning conducted by Centre For AI ,TKM college of engineering, Kollam. From 12 August 2024 to 16 August 2024.

Ms. Krishna L. and Ms. Gauri Shree V.K., Assistant Professors in the Department of Computer Science and Engineering, participated in and completed a 5-day online Faculty Development Program (FDP) titled "Instilling Universal Human Values in Technical Education." This program was organized by AICTE and took place from August 5 to August 9, 2024.

## μLearn MBCET: THE SKILLING BACKBONE OF CATALYST MAR BASELIOS IEDC

μLearn isn't just another Discord platform; it's your gateway to skill mastery through peer-driven micro-learning. Imagine leveling up in real life, where industry-demanded skills are gamified, and each task you conquer earns you Karma Points. These points boost your rank on monthly, yearly, and overall leaderboards, with a dedicated college server to track our progress. MBCET is at the forefront of μLearn, becoming the first to hit 1 lakh Karma Points!

Last year, we dominated the leaderboard, earning the prestigious Mu Button Award for reaching 1 million Karma Points. Our alumni continue to fuel this success, continuing to contribute to the μLearn community. Monthly Leaderboard, ranking MBCETians based on the total number of Karma Points earned in a

single month, has ranked Jyothsna P Nair (S5 CT) on the top spot, with earning 8000+ Karma Points



# SMART INDIA HACKATHON 2024 PRELIMS

On September 7th and 8th, 2024, Mar Baselios College of Engineering and Technology hosted the SIH Prelims Internal Hackathon. This exciting event spanned 12 intensive hours, beginning at 6 PM on the 7th and concluding with the judging process around noon on the 8th. It was conducted under the diligent guidance of faculty coordinators Ms. Dhanya L. K. and Ms. Anjali S, both Assistant Professors in the Computer Science Engineering (CSE) department. Mr. Arun J. S., an Assistant



Professor in Electronics and Communication Engineering (ECE), provided mentoring sessions for the students. The hackathon served as a platform for innovation and creativity, with 47 teams comprising 282 participants. The judging panel included Mr. Arun Krishna (Techforce.ai), Mr. Rahul Sunil (Product Engineer, Certa), Mr. Vaibhav V (Software Engineer, EY), and Ms. Meenakshi BS. Their insights and expertise significantly contributed to the event's success. Additionally, alumni from the department acted as mentors, providing invaluable perspectives and enhancing the overall quality of the event. Selected teams will go on to participate in the Smart India Hackathon.

## CSI INAPP INTERNATIONAL STUDENT PROJECT AWARD

The student team from CSE department - Bryan Bishi, Abraham A V and Jins Varghese bagged the First prize for CSI Inapp International Student Project Award for their project entitled "Smart Waste Bin". Mr. Praveen GL, Assistant Professor, Department of Computer Science and Engineering guided the team. This was a 6-month long process that involved selecting the best projects from the 200+ projects.



## ALUMNITALK

The Department of Computer Science and Engineering organized an alumnus talk featuring Mr. Rinse Sambrukutty (2017-2021 Batch) as part of the orientation session for the first-year students in the Computer Science and Engineering and Computer Science and Engineering (Artificial Intelligence) programs. Mr. Rinse Sambrukutty is

currently working at TCS as a Systems Engineer. During the talk, he shared his experiences and insights on emerging career opportunities and current trends in the computer science industry. He also discussed the benefits of pursuing higher education in this field, emphasizing how it can be a transformative journey with exceptional academic and professional prospects



## BEST INSTITUTIONAL KNOWLEDGE OFFICER AWARD

Ms. Dhanya L.K., Assistant Professor in the Department of Computer Science and Engineering, received the Best Institutional Knowledge Officer Award for the Academic Year 2023-24, given by the ICT Academy of Kerala.



**CHIEF EDITOR:- DR. JISHA JOHN**

**FACULTY EDITORS:- MS. PRATHIBHA S NAIR | MS. VIJITHA ROBINSON**

**STUDENT EDITOR:- MR.FERWIN LOPEZ | MR. JOHAN S VARUGHESE |**

**MR. G A SHWIN KUMAR**