



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.

PAPER PRESENTATION

Mr. Bharath T U, Ms. Sikha shaji, Ms. Kavya Suresh ,Mr. Subalesh S [2017-2021 Batch] and Dr. Tessy Mathew, Professor, Department of Computer Science and Engineering presented a paper entitled "Identifying Texting Idiolects using Transformers" in the 2023 International Conference on Control, Communication and Computing (ICCC),organized by College of Engineering Trivandrum, Thiruvananthapuram, and technically co-sponsored by IEEE Kerala Section, 19th - 21st May 2023

PAPER PUBLICATION

The students of S8CSI Mr. Ashwin Abraham, Ms. Bhavya Suseelan, Mr. Jesin Mathew, Mr.Sabarinath P has presented a paper titled "A study on meta verse in education" on 7th International Conference On Computing Methodologies and Communication(ICCMC 2023) held on 23rd to 25th February 2023 at Surya Engineering college Erode, India and the paper was published in IEEE Xplore on 4th April 2023. The project was guided by Mr. Arun K, Assistant Professor, Dept. Of CSE.

Dr. JESNA MOHAN published a paper entitled "Computer-Aided detection of tuberculosis from X-ray images using CNN and Pattern Net classifier" in Journal of X-Ray Science and Technology ,IOS Press (SCIE).

FACULTY AS RESOURCE PERSON

Dr. Tessy Mathew, Professor, Department of CSE and Dr. Jesna Mohan, Assistant Professor, Department of CSE served as resource persons for the hands-on session on AI in the STTP on Smart Grid Technologies, organized by the Department of Electrical and Electronics Engineering, MBCET.

Ms. Dhanya L K, Assistant Professor, Department of Computer Science & Engineering handled a session on "Deep Learning in NLP" on 15th May 2023, in the 12 day long training programme on "Summer School 2023", organized and conducted by the International Centre for Free and Open Source Solutions (ICFOSS).

Ms. Asha S., Associate Professor, Department of CSE served as a resource person for the session on "Cloud Computing in Smart Grid" in the STTP on Smart Grid Technologies, organized by the Department of Electrical and Electronics Engineering, MBCET.

Mr. Shibu V. S. and Mr. Robin Joseph , Assistant Professors, Department of CSE served as resource persons for the placement training programme held at TKM College of Engineering, Kollam on 28th March,2023 and at LBSITW from 29th March to 31st March,2023.

FLUTTER WORKSHOP

Department of Computer Science and Engineering has organized a three-day workshop on "Flutter-the versatile cross-platform app" development tool from 17th to 19th April 2023. About 53 students from second and fourth semesters of various branches participated in the workshop. The classes were handled by Sera Mariam George, Amal Joe and Navaneeth (final year students of CSE). Students got an opportunity to learn new skills and grow their expertise in the technical world. Faculty Co-ordinator: Ms Anjali S.



FDP ATTENDED

Ms. Gauri Shree V. K. , Asst. Professor ,Department of CSE attended a 3 days FDP on 'AI and Machine Learning in Health Engineering' organized by the Department of CSE, New Horizon College of Engineering, Bangalore from 15th to 17th March 2023

SUMMER CODING CAMP

The Department of Computer Science and Engineering in association with ACE, Mar Baselios College of Engineering and Technology organized a summer coding camp for school students. Thirty students from various schools in and around Thiruvananthapuram participated in the camp which started on 10th April 2023. The classes were managed by the faculty members of the college. Children got a chance to try the latest technologies like Arduino, Python and computer hardware. Classes ended on 14th April 2023. Faculty coordinators :Ms. Dhanya L. K., Ms. Prathibha S. Nair



MOU SIGNED WITH UST GLOBAL

The Department of CSE, MBCET has initiated an MoU with UST on 9th May, 2023 at 11.30 am. They will be facilitating an industry supported lab, internship opportunity for students and technical support as a part of the MoU.



SECOND PRIZE IN HACKATHON

Mr. Revand S. (S6 CS2) and team, won second prize in the hackathon "HACKATHENA", organized by the Computer Science and Engineering department and coordinated by the Computer Engineering Students Association (CESA) of Jyothi Engineering College, Thrissur.



PROJECT EXPO

Department of Computer Science and Engineering in association with CSI SB MBCET organised a Project Expo for final years on 21st May 2023 at Pascal Hall to demonstrate their final year projects. The exhibited projects were evaluated by our chief guests, Mr. Rinse P Sambrukutty, Assistant Engineer TCS and Mr. Ashiq Shahansha -Test Engineer, Infosys. Prizes for Best Project was bagged by the team "Violence Detection in Railway Coaches" from S8 CS 2, and the team "Decentralized storage drive powered by arweave" from S8 CS1.



"ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING" CERTIFICATION PROGRAMME

An "Artificial Intelligence and Machine Learning" certification programme started on August 9, 2022. There were 13 people signed up for the programme. The training was conducted in offline and online modes. Faculty members of the department of CSE led classes for the students. The programme came to an end on October 31, 2022. Students had completed projects in the field during the programme. An expert committee reviewed projects at the program's conclusion and recommended students for certification. Certificates were distributed to 9 students who successfully completed projects by Dr Abraham T Mathew, Principal MBCET. Faculty Coordinator: Ms. Dhanya L K, Assistant Professor CSE.



FACULTY INTERACTION WITH OUTSIDE WORLD

Dr. Tessy Mathew, Professor, Department of Computer Science and Engineering served as the judge for 12th CSI InApp Project Awards 2023. CSI InApp Student Project Awards was established with the intention to recognize and promote students who demonstrate exceptional talent in developing software applications.

AGILE AND TESTING WORKSHOP - ENXCL BUSINESS SOLUTIONS

Department of Computer Science and Engineering in association with CSI SB organised a two-day workshop on Testing and Agile. A team lead by Mr Santosh Udayanan, CEO, Enxcl

Business Solutions conducted the workshop for third year Btech, CSE students and explained the various aspects of Testing and Agile Framework. Faculty Co-ordinators: Ms. Deepthi K Moorthy, Ms. Gauri Shree V K



INDUSTRIAL TRAINING PROGRAMME ON FULL STACK DEVELOPMENT

5 day Industrial Training Programme on full stack development was conducted by Department of Computer Science & Engineering in connection with UST Global from 24th April to 28th April, 2023. 27 students participated in this programme. Resource person was Mr Thomas George Koshy, Senior training consultant, with UST Global . Faculty Coordinators: Dr.Tessy Mathew, Ms.Jayalekshmi J



LATEX TUTORIAL SESSION

A tutorial session on Latex was conducted for eighth semester BTech CSE students on 24th and 25th April. Resource person: Ms.Jayalekshmi J, Assistant Professor.CSED.

FUNDING FOR STUDENT PROJECT

The student project proposal entitled " Parkinson's Hand Stabilization Device" by Mr. Steve Thomas (S6CS2), Mr. Michael George Thomas(S6CS2), Mr. Kevin George Bino (S6CS2), Ms. Meghna Lekshman (S6CS1) guided by Dr. Jisha John, Associate Professor & Head, Dept of CSE, MBCET got approval for a funding of Rs 40,000/- from the Center of Excellence for Disability Studies for the year 2022-23.

PARTICIPATED IN "MEETING OF MINDS"

Dr. Jisha John , Associate Professor & HOD, Dr. Tessy Mathew, Professor and Dr. Jesna Mohan, Assistant Professor, Department of CSE have participated in the 'Meeting of Minds' - Colloquium on Industry Academia Partnership in Artificial Intelligence organized by MERP Systems held at Thiruvananthapuram on 5th April,2023.

ALUMNI ACHIEVEMENT

Ms. Nayana Josan (Alumna of 2014 -2018 batch) of Department of Computer Science & Engineering bagged the prestigious trophy of "Dancing Stars" , a celebrity dance reality show conducted in Asianet television channel this year.

TALK ON DIGITAL MARKETING

The Department of Computer Science and Engineering has organized a talk on "Digital Marketing" for the final year students, on 2-05-2023 from 11.30 am to 12.30 pm, at Pascal Hall. Mr. Renjith (IPCS Global) was the speaker. The students were able to have a glimpse of the field of Digital Marketing and the opportunities available in the area, through the session. Student Coordinator: Ms. Sanna Pramod (S8 CS1). Faculty Coordinator: Ms. Vijitha Robinson.



**CHIEF EDITOR:-
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