



MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DEPARTMENT ACTIVITIES

OCTOBER-NOVEMBER 2021 | ISSUE NO. 10

PAPER PUBLICATIONS

Mr. Alex P L Albin Thomas, Mr. Alen K Varghese, Mr. Bobby Joseph Mathews, Ms. Dhanya LK of the department of CSE published a paper entitled "Analysis of Machine Learning Algorithms for Predicting the Suitable Career after High School" in International Conference on Communication and Electronics Systems (ICCES), 2021.

A paper entitled "An Ensemble Deep Learning Technique for Detecting Suicidal Ideation from Posts in Social Media Platforms" authored by

Ms. Annie Abraham, Ms. Surya B Jyothi, Ms. Lekshmi Chandran, and Ms. Jincy Thomson, Dr. Shini Renjith, Asst. Prof, Dept. of CSE has been accepted for publication in the SCIE and Scopus indexed Elsevier Journal of King Saud University - Computer and Information Sciences.

PAPER PRESENTATION

Athulya Roy, Aiswarya D.R, Vighnesh Muraly, Rohit Renne Varghese, and Dr. Shini Renjith, Assistant Professor, Department of CSE, presented a research paper entitled "A novel approach to predict the success of online

games using random forest regress or for time series data” in the Third International Conference on Advances in Electrical Computer Technologies 2021 (ICAECT 2021) was organized by PSR Engineering College, Sivakasi, Tamil Nadu, India during 29 - 30, October 2021.

WEBINAR

Department of Computer Science and Engineering & Network Research group of MBCET jointly organized talk series as part of Cybersecurity Awareness.

- First webinar was held on 13 th October 2021 at 3.00 PM on the topic “Know thy enemy and yourself”. The Speaker is Mr. Senthilkumar K B (Scientist E CDAC). The faculty coordinators are Ms. Asha S, Assoc. Prof. and Mr. Praveen JS, Asst. Prof., Dept of CSE.

MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
&
NETWORK RESEARCH GROUP

CYBER SECURITY
“ KNOW THY ENEMY AND YOURSELF ”

Mr. SENTHILKUMAR K.B
Scientist E CDAC
Trivandrum

- The second webinar was conducted on 18th October 2021 at 3.00 PM on the topic “Security in Social Networks”. The Speaker was Ms. Indu V (Assistant Professor, Department of CSE, MBCET).

Talkseries #2

WEBINAR ON
SECURITY IN SOCIAL NETWORKS

Organised by
Network Research Group
Dept. of Computer Science
and Engineering, MBCET
as part of Cybersecurity Awareness Month.

SPEAKER
Ms. Indu V
Assistant Professor
Dept. of CSE, MBCET

18 October 2021
3:00 - 4:00 PM
meet.google.com/fbn-tmxy-buh

- The final webinar was delivered on 19 th November 2021 at 2.30 PM on the topic “Cyber Forensics and Cyber Crime”. The Speaker was Ms. Indu V (Scientist CDAC). The faculty coordinators are Ms. Asha S, Associate Prof., and Ms. Divya RS, Assistant Professor, Dept of CSE.

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COLLEGE OF ENGINEERING AND TECHNOLOGY
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oee
ASSOCIATION FOR
COMPUTER ENGINEERS

Webinar on
**CYBER FORENSICS
AND CYBER CRIMES**

SPEAKER
Ms. Indu V,
Cyber Security Group,
CDAC

Faculty coordinator: Ms. Asha S

DATE : 19.11.2021
TIME : 2:50 - 3:40

KSCSTE STUDENT PROJECTS SCHEME 2021

The following student projects from the department of CSE got selected for funding by Kerala State Council for Science-Technology and Environment (KSCSTE)

1. The project titled, "Augmented Reality Integrated Smart Math Solver", by Ms.Poorna.BR, Assistant Professor (Principal Investigator) and Mr.Abraham Tony Itty, Mr. Gokul Krishna JK, Mr. Gokul Krishna B, Mr. Jayaram R (Student Investigators).

2. The project titled, "Animal Trespassing Detection System", Mrs. JISHA JOSE, Assistant Professor (Principal Investigator) and Mr. Anand Vinod, Mr. Mridhul Madhu, Mr. Roshan Daniel, Mr. Anand Rakesh (Student Investigators).

3. The project titled, "Implementation of an Intelligent Chatbot using Deep Reinforcement Learning", - Mrs. Dhanya L.K, Assistant Professor (Principal Investigator) and Ms. Athira Susan George, Ms. Gowri Muralikrishnan, Ms. Leya Rachel Ninan, Mr. Pranav S Varrier (Student Investigators).

AICTE UHV COURSE

Ms. Elizabeth B Varghese, Dr. Shini Renjith, Ms. Vinny Pious, Ms. Dhanya LK, Ms.Indu Vand Ms. Prathibha S Nair, Department of Computer Science and Engineering successfully completed the 5-day online FDP on

"Incorporating Universal Human Values in Education" organized by All India Council for Technical Education (AICTE) from 04/10/2021 to 08/10/2021.

Dr. Jesna Mohan, Department of Computer Science and Engineering successfully completed the 5-day online FDP on "Incorporating Universal Human Values in Education" organized by All India Council for Technical Education (AICTE) from 08/11/2021 to 12/11/2021

SELECTION FOR PHD

Mr. Praveen GL, Mr. Shibu VS, Ms. Divya RS, Ms. Gayatri KS, Mr. Robin Joseph and Mr. Ramjith RP, Assistant Professor, CSE got selection for PhD Registration 2021-22 under APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY.

FRIENDS OF FIGMA REGIONAL LEAD-INDIA

Advaith U of S7CS1 got selected as Regional Lead (India) in Friends of Figma, a community initiative by Figma Inc. to improve the collaboration and peer to peer learning among design enthusiasts. Advisors: Mr. Shon J Das, Vinny Pious, Dhanya L K.



K-DISC'S FSD SCHOLARSHIP

Mr. Nathan Rolland, Ms. Aleena Elsa Thomas, Mr. Hannah Abraham Jacob, Mr. Ashik Saleem, Mr. Hafiz Mohammed M, Ms. Muthulakshmi S, Mr. Sharan George Mammen, Ms. Liya Philipose and Mr. Rahul Sunil of S7 CSE got selected for K-DISC's FSD Scholarship for the academic year 21-22 Batch.

INTERNSHIP AT MICROSOFT

Mr. Rahul Sunil, S7 CSE Ms. Kesia Mary Joies, S7 CSE, and Mr. Vishnu P Kumar, S7 ECE were selected for Internship at Field Data Technologies. Field Data Technologies (FDT) is a USA based non-profit organization that supports research, development and use of wireless smart devices for conservation.

COLLEGE MAGAZINE COMMITTEE

Ms. Meenakshy of S4 CSE is appointed as convener and student editor of the college magazine for the academic year 2021-2022. Mr. Pranav, S4ME, Mr. Paul Shajan Kallumalickal, S4ECE, Mr. Sethuraman RS, S4EEE and Mr. Bharath BL, S4 CE are other editorial members.

FACULTY AS RESOURCE PERSON

- Dr. Shini Renjith, Assistant Professor, Department of CSE delivered an expert lecture and hands-on sessions on the topic "Unsupervised machine learning algorithms" in the FDP on Machine Learning using Python conducted by Dept. of CSE, Sree Buddha College, Alappuzha on 22 nd October 2021
- Ms. Dhanya L K, Assistant Professor, Dept of CSE delivered a talk on Introduction to Natural Language Processing in the Webinar organized by the Computer Science Association of Sree Ayyappa College and IQAC, Sree Ayyappa College, Eramallikkara on 30 th November 2021.
- Ms Dhanya L K, Asst Professor, Department of Computer Science and Engineering delivered a session in the Faculty Development Program of College of Engineering, Thalassery on "Unstructured data Analysis" which was held from 8th to 12th November 2021.



Sree Ayyappa College
Eramallikkara
Organised by CASAC (Computer Science Association of Sree Ayyappa College) and IQAC

WEBINAR

Introduction of Natural Language Processing

Mrs. DHANYA L.K
Assistant Professor
Department of Computer Science
Mar Baselios College of Engineering and Technology Trivandrum

MBCET STAFF CLUB KERALA PIRAVI & DEEPAVALI CELEBRATIONS

MBCET staff club celebrated Kerala Piravi and Deepavali with all MBCET family members on 1st November 2021. Sweets were shared to all with a small gathering arranged at OAT.



SESSION ON VIGILANCE AWARENESS AND ANTI- CORRUPTION INITIATIVES

MBCET staff club, in association with the Union Bank of India, conducted a session on “Vigilance awareness and anti-corruption initiatives” on 01/11/2021 as a part of the vigilance awareness week (26 th October to 1 st November). The resource persons were Mr. Retnagiri (AGM, Union Bank of India), Mr. Jerin M Paul (Chief Manager, Vigilance), Mr. Sabu Chelappadan (Chief Manager, Planning) and Mr. Sanju Kuriakose (Manager, Union Bank). MBCET staffs pledged to exhibit integrity in personal behavior and professional career. The resource persons also delivered a talk on “Cyber security Credit card transactions”.



SOCIAL EXTENSION ACTIVITY

As part of outreach activity sparsham(social service club), Department of Computer Science and Engineering handed over a mobile phone to Ms. Helena for helping her kids to attend online classes during this pandemic period. Faculty coordinators: Ms. Vinny Pious, Ms. Anjali S



ELEVER WEBDEZ TASK COMPETITION

IEEE CS SBC MBCET has secured first prize in the Elever WebDez Task competition conducted by IEEE CS Kerala Chapter. It was an Inter SBC Monthly competition on Website Designing. A team of 9 students from CSE of the various semesters, led by Adinath Ajith Naik (S4 CS1), worked together to prepare the website and won the 1st prize.

The other team members are Sarath R(S4CS1), Raef Nazir (S4CS1), Diya Mariam Biju (S4CS2), Sreelakshmi R (S2CS1), Theju CA (S4CS1), Fleming B Vinu (S7 CS2), Arun Jiju Joseph (S7 CS2), Abhijith KP (S4CS1).The winning student branch chapter is awarded with ₹10000 cash prize.

ORIENTATION SESSION ON EMERGING TECHNOLOGIES IN COMPUTER SCIENCE

The Dept. of CSE in association with CSI has organized a seminar and project orientation for the final year BTech students on 4th October 2021. The main objective of the session was to motivate the students to come out with quality project works and publications. The topics focused were the emerging research areas like Data Science, AI, Computer Vision, IoT, Robotics, Networking and Security. The session was handled by the faculties, Dr. Jisha John, Mr. Shibu V S, Ms. Divya R S, Ms. Gayathri K S and Dr. Shini Renjith.