



**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

Ms.Jisha Jose, Assistant professor, Department of CSE, has presented a paper titled 'A Comprehensive Analysis of Hybrid Machine Learning Algorithms for Securing IoT Data' in the international conference organised by the Baselios Mathews II College of Engineering held on 18th November 2022.

## UHV ATTENDED

Ms. Vijitha Robinson, Asst. Professor, Dept.of Computer Science and Engineering has participated and successfully completed the 5 day Face-to-face UHV II FDP organized by AICTE from 29th August to 2nd September 2022.

## FDP ATTENDED

Mr. Arun K, AP, CSE attended a One Week Faculty Development Program on recent Trends in Artificial Intelligence and Cyber Security organized by Department of CSE, Shri Vishnu Engineering College for Women(Autonomous), Bhimavaram, Andhra Pradesh from 1st November 2022 to 5th November 2022.

Ms. Prathibha S Nair, Ms. Vishagini V , AP, CSED successfully completed five day faculty development programme on "DEMYSTIFYING MACHINE LEARNING ALGORITHMS" organized by Department of Artificial Intelligence & Data Science, Muthoot Institute of Technology & Science from 10 oct - 14 oct 2022

## WORKSHOP ATTENDED

Ms.Jisha Jose, Assistant professor, Department of CSE has participated in a 3 day workshop on "Statistical Data Analysis using Python" conducted by Centre for Skill Development and Innovative Research, from 22nd to 24th November 2022.



## A THREE-DAY WORKSHOP ON "INTRODUCTION TO CYBER SECURITY"

Department of Computer Science and Engineering in association with CSI MBCET Student Chapter and NetSec Research Group, MBCET has organized a three day workshop on "Introduction to Cyber security" for third and fifth semester B.Tech CSE students from 16/11/2022 to 18/11/2022. Resource Persons were Mr. Krishna Prasad S. V. (Information Security Expert-Leading MNC, Director-ISACA TRV), Mr. Aneesh Kumar K. B., (Joint Director in Cyber Security Division, CDAC), Dr. Bejoy B. J. (AP, Dept of CSE, Christ (Deemed to be university) Bangalore), Ms. Ruby K. R. (AP, Cyber Forensic Dept, ER & DCI), Mr. Yadhu Krishnan, Dr. Jisha John ( Associate Professor), Dr. Jesna Mohan, Ms. Anne Dickson, Ms. Deepthi K Moorthy, Ms Lino Zachariah & Ms. Vishagini V( Assitant Professors, Department of CSE, MBCET) Faculty Coordinator- Ms. Deepthi K Moorthy. Students Coordinators- Ms. Varsha Renjith, Mr. Chris Dylan John



# CYBER SECURITY AWARENESS MONTH TALK SERIES

Dr Sibi Chakkravarthy Serhuraman founder of Mukham and Flick Analytics, Coordinator, AI and Robotics Research Center & Associate Professor at Vellore Institute of Technology, Andhra Pradesh delivered a talk on "Passwordless Authentication " as part of Cyber Security Awareness Month Talk Series on 26/10/2022. Student coordinator: Ms. Varsha Renjith, S5 cse Faculty coordinators: **Mr. Shon J Das, Ms. Jisha Jose**



## ALUMNI WALKTHROUGH MBCET

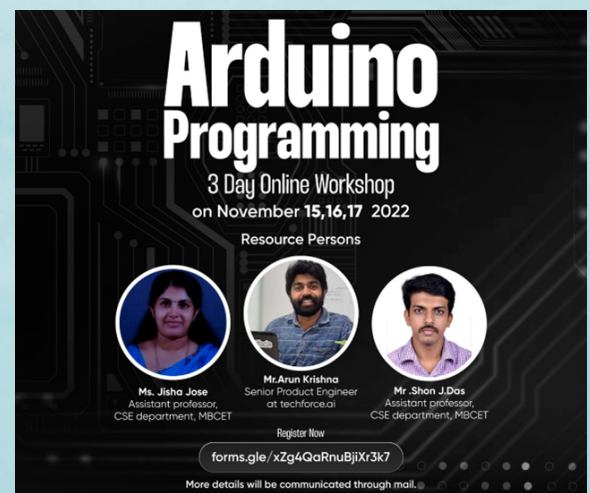
Mr. Micheal alumni (2008-2012 batch) of Department of Information Technology and Mr. Vivek M. Jude (2014-2018 batch), Mr. Rinse Sambрукutty (2017-2021 batch), Mr. Steve (2016-2020 batch), alumni of Department of Computer Science & Engineering interacted with CSE first year students and shared their experiences at Mar Baselios and they

also discussed on skill development, resume building, higher studies, and more, as part of Department Activity. Faculty coordinators: Mr. Shon J Das, Mr. Arun K



## THREE-DAY ARDUINO PROGRAMMING WORKSHOP

A 3 day Arduino Programming workshop was organized by the Department of Computer Science and Engineering in association with Network Research Group and IEEE. Mr. Arun Krishna, Senior Product Engineer, Techforce, Ms. Jisha Jose, Assistant Professor, MBCET and Mr. Shon J Das, Assistant Professor, MBCET handled the sessions.



# UST GLOBAL -D3CODE HACKATHON TEAM VISIT

A team lead by Mr Sthanu Kumar Ramakrishnan Thambi, Delivery Manager ,UST Global , Trivandrum visited the college on 10 th November 2022. UST launches the 2nd edition of d3code as D3 2022, its annual Developer Conference through university hackathon will be open for students currently pursuing Bachelor's or Master's technology degree. The competition will comprise of one online challenge for 5 teams to compete in the final, 24-hour hackathon at UST's campus in Trivandrum. Registration (4 Nov - 16 Nov).



# SUNNY DIAMONDS OUTSPARKLE AWARD

The "SUNNY DIAMONDS OUTSPARKLE AWARD" consisting of one Diamond ring and the citation is presented to Ms. Kesia Mary Joies (Alumn of 2018 -2022 batch) of the Department of Computer Science & Engineering, during the 'PARADOS 2022', held on 20th October 2022, by the officials of M/s Sunny Diamonds.



# PARTICIPATED IN RESIDENTIAL CAMP IN "MACHINE LEARNING THROUGH PYTHON"

Ms. Angel T John, Ms. Feba Mariyam Jacob, Ms. Nandana K and Ms. Nandini K of S3 , Computer Science and Engineering department has participated and presented their project in the three days Residential camp on "Machine Learning through Python", organized and conducted by International Centre for Free and Open Source Software (ICFOSS), as a part of Gender & Technology programme, held from 14th October 2022 to 16th October 2022.

## ALUMNI ACHIEVEMENT

Ms. Parvathy S. Prakash (Alumna of 2014 -2018 batch ) of the Department of Computer Science & Engineering received prestigious Asianet Television Award for Best Dubbing artist 2022.



## TALK ON "HOW TO PURSUE MASTERS IN GERMANY"

A one-day talk on "How To Pursue Masters In Germany" was organized by the Association Of Computer Engineers (ACE) and Corporate Relations MBCET in association with Mr. Arun Alex, Coordinator-Industry Attachment Cell KTU at the Senatus Hall on Tuesday, 18th October 2022. The Speaker was formally welcomed by Principal Dr. Abraham T. Mathew. On account of the talk on "How To Pursue Masters In Germany " the speaker Ms. Suganya Tamalapadi spoke on how and why Masters In Germany would be a great option for young undergrads to consider. During the interactive session the speaker cleared common misconceptions the students had and other queries they

had on this topic. The technical talk was very interesting and gave the opportunity to discuss the merits of pursuing Masters In Germany. The program was successfully concluded with a formal vote of thanks by Vice Principal Dr. S. Vishwanatha Rao.



## CYBER SECURITY AWARENESS MONTH TALK SERIES

Network research group, Department of Computer Science & Engineering organized a talk series as part of Cyber Security Awareness Month "See yourself in Cyber" on Oct 11,2022. Ms. Indu V, Engineer SWG- QA, Keltron was the speaker. Faculty Coordinator: Mr. Shon J Das, Mr. Praveen JS



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Department of Computer Science & Engineering  
Cyber Security Awareness  
Month Talk Series "See Yourself In Cyber"  
Ms. Indu V,  
Engineer,  
SWG-QA,ITBG,  
Keltron  
Venue : Pascal Hall  
Date : 11/10/22  
Time : 3:30pm

## COLLABORATIVE RESEARCH WORK

Department of Computer Science and Engineering has initiated a Collaborative research work with the Strategic Electronics group of CDAC. The faculty from CSE Dept, Mr Raju K Gopal, Dr. Tessy Mathew, Dr. Jesna Mohan and Ms. Prathibha S. Nair visited CDAC campus and discussed the feasibility and scope of the solution development with the peer team from CDAC.



## ROAD TO OPPORTUNITIES

'Road to Opportunities', the first session of the newly launched Career Hack series was hosted by CSI SB MBCET on 13th October, 2022. Mr.Prajwal Pramod, Product Intern at andwemet and Design Lead at CSI SB MBCET was the speaker for the session. He is also a computer science engineering student of our college, Mar Baselios College of Engineering and Technology. The intriguing session dealt with how to find legible internships and much more.

## TOP CONTRIBUTOR AWARD

Mr. Salman Faariz , S7 CSE MBCET received the "Top Contributor Award" for his invaluable contributions towards  $\mu$ Learn.

## ENTREPRENEURSHIP JOURNEY

'Entrepreneurship Joruney', the first session of the newly launched Power Talk series was hosted by CSI SB MBCET on 8th Ocober, 2022. Mr. Don Kora, Chief Executive Officer TATOS Technologies was the speaker for the session. He is also a computer science engineering student of our college, Mar Baselios College of Engineering and Technology. The session dealt with his journey of establishing his own company and experienced tips on how to become an entrepreneur .



# NVIDIA CAMPUS CONNECT 2022

Department of CSE has conducted a one-day program “**NVIDIA CAMPUS CONNECT 2022**” which was an attempt to enhance the student awareness on the latest technology trends and How NVIDIA Technology – GeForce RTX is a one stop solution for a student to Compute Intensive PC / Laptops in Artificial Intelligence, Machine Learning, Data Science, 3D Graphics, Gaming, Metaverse through Technology. Session provided hand on experience and also helped students to learn how they can create synergies between their Software, NVIDIA and the Hardware. The program was successfully concluded with a formal vote of thanks by Dr. Tessy Mathew, HoD, Dept. of CSE.



# HASH 2022

Department of Computer Science and Engineering has organized Technical Fest “**HASH 2022**” on 5th and 6th November 2022. The following are the events conducted,

- Valorant : (Valorant is a multiplayer Online Shooting game)
- Battle of codes: (competitive coding)
- Spark: (idea presentation)
- Experia: (project expo)
- Tech hunter :( treasure hunt contest)
- Kick-off: (football tournament)
- Gaming Arena



Define '22 was a 24-hour free offline hackathon, aimed to build solutions for the real world and go above and beyond the verticals. There were a total of 26 teams and 111 participants from various institutions, across and beyond Kerala.

The project submissions were on three major verticals - design, software and hardware.

The jury consisted of prominent judges such as Mr. Niyas V, Product Designer at EntriApp, Mr.Aravind Panicker, Application Engineer at Google and Judges from UST, Carestack, GTech MuLearn, KDISC etc., ClusterDev, UST, Devfolio, Polygon and other prominent companies and communities support the event. The participants also had support of mentors from various fields.

Salman Faariz, Navaneeth Venu, Riya P Mathew, M Aswin Kishore from S7 CS worked as core coordinators along with a team of 23 students who worked hard to make the hackathon a great success.

Sera Mariam George, Amal Joe, Kashyap Sanal, Nithin T A, Melvin Joseph K, Adinath Naik Ajith, Amrutha Lakshmi S, Jayasoorya, A R Karthik, Litto were the students coordinators of the event HASH 22.

Mr. Praveen JS and Ms.Deepthi K Moorthy were the faculty coordinators.



**CHIEF EDITOR:-  
DR. TESSY MATHEW**

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

**STUDENT EDITOR:-  
MR.BRYAN BISHI**