



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.

FDP ATTENDED

Arun K, Assistant Professor, Dept of CSE attended a One-Week Online Faculty Development Programme on "Machine Learning in Big data analytics, principles, technique and challenges" organized by the Department of computer science and engineering , Narsimha Reddy Engineering College, Andhra Pradesh from 13th to 18th February, 2023 and secured "Grade-A+" in Final Assessment.

Ms. Gayathri K. S. and Ms. Prathibha S. Nair, Asst.Professors, Dept. of CSE, have participated in in the Online Faculty Development Programme on, "Distributed Computing", organized by Department of Computer Science and Engineering at Sree Narayana Gurukulam College of Engineering from 30th January 2023 - 1st February 2023.

Ms. Vijitha Robinson, Asst. Professor, Dept. of CSE, has participated in 5 days Faculty Development Programme on "AI for Multimedia Processing and Security", from 18th-22nd February 2023, organized by the Department of Computer Science and Engineering, NIT Patna.

PHD AWARDED

Ms. Anne Dickson, Asst. Professor, Department of Computer Science and Engineering was awarded PhD in Computer Science & Engineering from the University of Kerala in the topic "Optimization of Intrusion Detection over false alerts using Swarm Intelligence ", from Research Centre, College of Engineering, Trivandrum under the guidance of Dr. Ciza Thomas (Vice Chancellor, KTU).



PAPER PUBLICATION

Adil A.P, Anandhu M.G, Jeovan Elsa Joy, Twinkle.S.Karethara, Anjali.S and Poorna B.R published a paper entitled "ACCIDENT DETECTION IN SURVEILLANCE CAMERA" in the Springer book series 'Engineering Cyber-Physical Systems and Critical Infrastructures'.

Rex Rony Jacob, Rohit Mahesh, Shannon Gomez, Syed Sahabuddin, (Alumni 2018-2022 CSE Batch) and Vijitha Robinson (Asst. Professor, Dept. of CSE) published a paper titled, "EverTrack: A System to Track History of Used Cars Using Blockchain." in Inventive Computation and Information Technologies: Proceedings of ICICIT 2022, pp. 415-423., Springer Nature Singapore, 2023.

PAPER PRESENTATION

Ashwin Abraham, Bhavya Suseelan, Jesin Mathew, Sabarinath P presented paper titled " A study on meta verse in education" on 7th International Conference On Computing Methodologies and Communication (ICCMC 2023) online the paper will be published in IEEE XPLORE the project is being guided by Mr. Arun K, Assistant Professor, Dept. of CSE.

Ms Anjali S, Ms Vinny Pious, Joel J Sebastian, Krishnanunni J, Joveal K Johnson, and Ashik Mujeeb have presented a paper entitled "Multi stage fruit grading system" in the Springer International Conference on Inventive systems and Control (ICISC 2023).

REVIEWER AT FOSS-CIL T23

Ms. Dhanya L. K., Asst. Professor, Dept. of CSE, served as a reviewer at the International Conference on FOSS Approaches towards Computational Intelligence and Language Technology (FOSS-CIL T23), organized by International Centre for Free and Open-Source Solutions (ICFOSS) held on 22nd and 23rd February 2023.

FACULTY AS RESOURCE PERSON

Ms. Sreeja S. R, Assistant Professor, Dept. of Computer Science & Engineering, handled a session on "Reinforcement Learning - An integration of Artificial Intelligence and Neuroscience" organized by the Department of Computer Science and Engineering, Amrita School of Engineering and Technology, on 16th January 2023.



Ms. Dhanya L K, Assistant Professor, Department of Computer Science & Engineering handled a session on "Neural Machine Translation" on 14th February 2023, in the 12-day long training programme on "Winter School for Women 2023", organized and conducted by the International Centre for Free and Open Source Solutions (ICFOSS).



Mr. Ramjith R P, Assistant Professor, Department of Computer Science & Engineering handled session on "Telecommunication in modern era" on 23rd February 2023, conducted by the Kerala Police Telecommunication department.



HANDS-ON SESSION ON MONGODB

A hands-on session on MONGODB, a NoSQL database, was organized by the department of Computer Science and Engineering in association with CSI SB MBCET on 4th February 2023 at Shannon Hall from 10am-4pm. The Resource Person for the session was Mr. Kevin Jacob, React JS Developer, ACCUBITS Pvt Ltd. Through this session, the students got familiarized with the different CRUD operations used in MONGODB. About 120 students from S5(CS1 and CS2) participated in the session. Faculty coordinators - Ms. Deepthy K.Moorthy and Ms.Sreeja S. R. Student Coordinators-Ms.Varsha Renjith, Mr. Gopal.S, Mr. Noel John Robert and Mr.Yoosuf Mohammed.



WORKSHOP ON JAVA OBJECT ORIENTED DESIGN - AN INDUSTRY ORIENTED APPROACH

The department of Computer Science and Engineering in association with CSI SB MBCET has organized a one day workshop on "Java Object Oriented Design- An Industry Oriented Approach" on 4-2-2023, Saturday from 10.00 am to 4.00 pm, at Pascal Hall, for the second year students of CSE department. Mr. Biju S, Principal Engineering Lead, Travanleo Info Solutions India Pvt Ltd handled the sessions. The workshop helped the students to get a glimpse of the industry application of various Java concepts and was able to have a hands-on experience of industry-relevant project development using Java. Faculty co-ordinators: Ms. Dhanya L. K. & Ms. Vijitha Robinson Student Coordinators: Mr. Prajwal (S3 CS2) & Mr. Sam Peter (S3 CS1)



hands-on workshop

MongoDB Database

Explore the CRUD operations of database and much more!

Speaker

KEVIN JACOB
React JS Developer

Date and Time

4th February 2023 | 10AM - 4PM

Faculty Coordinators:
Ms. Deepthy K Moorthy
Ms. Sreeja S R

Student Coordinators:
Noel | Gopal | Varsha



SEMINAR ON STUDY ABROAD OPPORTUNITIES

Department of Computer Science and Engineering has organized a seminar on 'Overseas education, on 15th February 2023 in Pascal Hall to give students a feel about the global education scenario and the opportunities available. Ms. Shubamol Rajan, International Consultant, KC Overseas Education, has been invited to interact with the final year students from all the departments. The seminar focused on various aspects pertaining to education abroad. Students gained familiarity with global issues, education system in countries such as US, UK and Australia, pathway programs, IELTS waiver opportunities and post study work visa while studying in foreign universities.

Faculty Cordinator: Ms. Gaurishree VK



INTERNSHIP ON TRAINING ON MACHINE LEARNING AND DEEP LEARNING

A 5 days internship training on machine learning and deep learning was provided by Department of Computer Science & Engineering for the students from Mahendra College of Engineering, Salem. There were eight student whom were divided into two groups. The groups were provided with different projects for which demo presentation was done in front of respective principal Dr.Abraham T. Mathew.



FDP ON SECURITY IN COMPUTING

Department of Computer Science & Engineering organized Five-day Faculty Development Programme on “Security In Computing”. The programme was sponsored by APJ Abdul Kalam Technological University and was conducted from 20th to 24th February 2023. There were 24 participants out of which 2 participants were outstation participants. This FDP was aligned with the APJ Abdul Kalam Technological University Course Foundation of Security in Computing and covered its key concepts and principles. Resource persons were Dr. Hiran V Nath, Assistant Professor, Department of Computer Science and Engineering, National Institute of Technology, Calicut, Rev. (Dr.) Gigi Thomas, Associate Professor & Head, Department of Mathematics, Mar Ivanios College, Thiruvananthapuram, Dr. Dittin Andrews, Scientist E, Cyber Security Group of CDAC, Thiruvananthapuram and Ms. Dija S, Scientist F, Cyber Security Group of CDAC, Thiruvananthapuram. The FDP started with basics of number theory followed by a session on cyber forensics and cyber security. The hands-on sessions received special appreciation and participants expressed that similar FDP’s maybe organized in future also.



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

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

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