



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.

## **FACULTY ENABLEMENT SESSION BY NISSAN DIGITAL**

The Department of Computer Science and Engineering is associated with Nissan Digital. A Faculty Enablement Session was conducted on 14 December 2023, from 10.30 am to 3.00 pm. Resource persons were Mr. Selva Prabhakaran (Principal Data Scientist, Nissan

Digital), Mr. Anant Agarwal (Data Science Manager, Nissan Digital), Mr. Rajesh Vaddi (Data Science Manager, Nissan Digital) and Mr. Sebastian Ukken (DGM Business Excellence, Nissan Digital).





## COURSE COMPLETED

1. Dr. Anne Dickson, Assistant Professor, Dept of CSE successfully completed the three day Online Course on “Demystifying Generative AI”, conducted by IHRD, from 30 th November 2023 to 2 nd December 2023.

2. Ms. Vishagini V. Assistant Professor, Dept of CSE successfully completed the online course on “Introduction to Data Science”, conducted by CISCO Networking Academy.

## ATTENDED BOOTCAMP

Dr. Tessy Mathew, Professor, & Dr. Anne Dickson, Assistant Professor, Dept. of Computer Science and Engineering, participated in the “Machine Learning with TensorFlow Bootcamp” organized by the ICT Academy of Kerala in association with Google for Developers India Edu Program on 18 th November 2023.

## INTERNSHIP

Mr. Abhishek Raman R and Mr. Adithya Krishnan of S5 CS1 were selected by Hex20 for internship based on a test covering topics from Basic electronics , programming in C and SPACE

## CHAired THE SESSION

Ms. Sreeja S. R., Assistant Professor, Dept. of CSE, chaired the session on “Mixed Reality in Surgery Planning” conducted as part of the Pulse Talks, organized by IEEE EMBS, on 14 th December 2023.



The poster is for a Pulse Talks session titled "Mixed Reality in Surgery Planning". It features two speakers: Mr. Anant Geo Thomas, MEC, and Ms. Sreeja S.R., Assistant Professor, Dept. of CSE, MBCET. The session is chaired by Ms. Sreeja S.R. The event is scheduled for 14th December, 2023, from 07:30 PM to 08:00 PM. The Google Meet link is provided as meet.google.com/qfk-yzvr-hdy. The poster includes logos for IEEE EMBS and IEEE, and social media icons for Instagram, LinkedIn, and Facebook.

IEEE EMBS  
IEEE Engineering in Medicine & Biology Society

IEEE

# PULSE TALKS

## Talk 11

**Mixed Reality in Surgery Planning**

Talk By: **Mr. Anant Geo Thomas**  
MEC

Chaired By: **Ms. Sreeja S.R.**  
Assistant Professor  
Dept. of CSE  
MBCET

14th December, 2023 | 07:30 PM – 08:00 PM  
Google Meet Link: [meet.google.com/qfk-yzvr-hdy](https://meet.google.com/qfk-yzvr-hdy)

@ embskeralachapter embs.ieeeerala.org



# GETTING STARTED WITH MONGODB

Department of Computer Science and Engineering in collaboration with ISTE MBCET and CSI MBCET organised an online hands on session on “Getting started with MongoDB” on 14 th January, 2024 for S5 CSE students. The resource person was Mr. Kevin Jacob, Product Engineer at UST, who covered basic concepts of MongoDB and different job opportunities it provides.

Faculty coordinators:

Ms. Poorna B.R , Mr. Ramjith

R.P Student coordinators :

Ms. Krishnapriya deepak ,Ms.

Riyanna Maria Abison

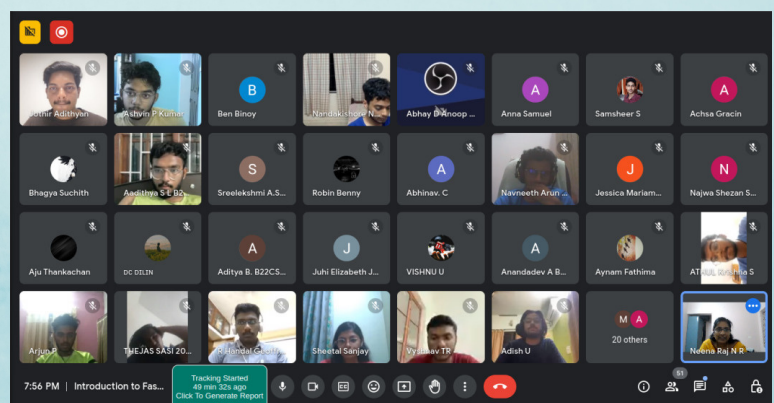
# HANDS ON SESSION ON “INTRODUCTION TO FastAPI AND GRAPHQL”

Department of Computer Science and Engineering in association with CSI Trivandrum chapter and Trivandrum Python Community organized an online hands-on session on “Introduction to FastAPI and GraphQL” from 17th to 19th January 2024. Third semester CT students and members of CSI and Trivandrum Python Community participated in these sessions. The resource person was Mr. Jothir Adithyan, Product Engineer, UST.

Faculty coordinator:- Dr. Neena raj n.

R. Student coordinators:- Mr. Aadithya

s. L , Mr. Ashvin p. Kumar (s3 ct).





# SPARSHAM OUTREACH ACTIVITY

The Department of Computer Science and Engineering, as part of the 'SPARSHAM' outreach initiative, has arranged a charity drive for book donations. This drive aims to benefit the students of Govt. Regional Fisheries High School and Higher Secondary School near Valiyathura. Coordinators: Ms. Poorna B.R , Ms. Gauri shreeV.K(asst.Professors,csed)



## FDP ATTENDED

1. Dr Tessy Mathew, Professor and Dr. Priya Mariam Raju, Assistant Professor, Department of CSE participated in the five days Workshop FDP on “N-Hans : from Transformers to LLM”; organized by the Department of Computer Science and Engineering, Indian Institute of Information Technology Kottayam from December 12-16, 2023.

2. Dr. Tessy Mathew, Professor and Ms. Vishagini V., Asst. Professor, Dept of CSE successfully completed the 5-days FDP on & “Building Advanced Data Analytics Applications With Cloud” from 18/12/2023 to 22/12/2023, under the Next Gen Employability Program, an initiative by Edunet Foundation in partnership with EY Global Delivery Services (GDS).

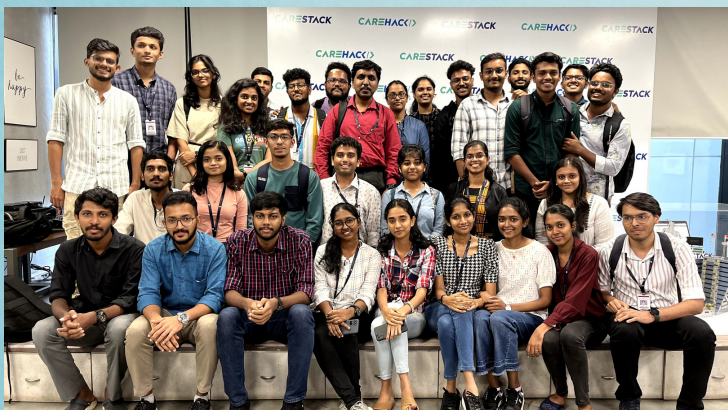
3. Dr. Jisha John, (Associate Professor and HOD) and Dr. Jesna Mohan, has successfully attended the Seven-day FDP cum Workshop in Image Analysis with Hands-on Training using Python, organised by the Department of Computer Science and Engineering, Indian Institute of Information Technology (IIIT), Kottayam from December 14 to December 20, 2023 in Online mode.

4. Dr. Tessy Mathew, Professor, Dept. of CSE has successfully completed the FDP on “AI Evolution: From Foundations to Generative AI” under TechSaksham from 14th November 2023 to 18 th November 2023.



## **INDUSTRIAL VISIT TO CARESTACK**

The industrial visit to CARESTACK, a product-based IT company, was organized for the third-year students of the Department of Computer Science & Engineering on 10th January 2024. An interview was conducted for the students and the experience gave them a head start into the preparation for their placement pre-preparations. The students were divided into groups of six and given an activity to work out. Later, an interactive session was conducted by Mr. Anand, Product Manager at CareStack, which gave a glimpse into the experiences and the drive that a product-based company can offer. The internship was concluded by a session handled by Mr. Arun, on 'Importance of Lifelong Learning Insights, Networking'.



## **ATTENDED CONFERENCE**

Ms. Prathibha S Nair, Ms. Lino Zachariah, Assistant Professors, Department of CSE attended the Springer icSoftComp2023 (2023 5th International Conference on Soft Computing and its Engineering Application organized by Charotar University of Science and Technology, Changa, India from December 07-09, 2023 in virtual mode.

## **WORKSHOP ATTENDED**

Mr. Shibu V.S. Asst. Professor, Dept of Computer Science and Engineering has successfully attended the Seven-day FDP SERB Karyashala High- End Workshop on "Developing a Robust and Secular Routing algorithms for Real Time Vehicular Networks" organised by the Department of CSE, NIT Calicut, from 8th January 2024 to 14th January 2024.



# SESSION BY NISSAN DIGITAL DATA SCIENCE TEAM

The Department of Computer Science and Engineering in association with Nissan Digital Data Science Team conducted a session for the third year CSE students on 12 th December 2023 at 10.30 am. Mr. Anant Agarwal (Data Science Manager, Nissan Digital), Mr. Rajesh Vaddi (Data Science Manager, Nissan Digital) and Mr. Sebastian Ukken (DGM Business Excellence, Nissan Digital) were the resource persons for the session. The session provided an awareness about the proposed industry elective on Advanced Data Science with Python.



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

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

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

