



St. JOSEPH'S INSTITUTE OF TECHNOLOGY

We Make You Shine

(AN AUTONOMOUS INSTITUTION)

OMR, CHENNAI - 119



Approved by AICTE, New Delhi and Permanently Affiliated to Anna University

We prepare for

Cambridge

English Qualifications



INSTITUTION'S
INNOVATION
COUNCIL

Ministry of Education Initiative



ARIIA

ATAL RANKING OF INSTITUTIONS
ON INNOVATION ACHIEVEMENTS



NBA

NATIONAL BOARD
ACCREDITATION

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEWSLETTER NEXTGEN NEWS - APRIL 2024



St. JOSEPH'S

GROUP OF INSTITUTIONS

OMR, CHENNAI - 119



The Choice of
Disciplined Toppers



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GNU/Linux Users Group (GLUG)



Club Activities

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

GLUG Meet on

Digital Security Training



Mr. Vignesh B.E.,

Technologist @SFLC.in
Software Freedom Law Centre, India

Date

04.2024

Time

10 AM to 11:30 AM

Venue

CSE Smart Classroom

On April 05 2024, The GNU/Linux Users Group (GLUG) organized a GLUG meet on “Digital Security Training”. The session delivered by Mr. Vignesh B.E, Technologist, Software Freedom Law Centre, India. Following topics were discussed in this session such as Data vs Information, Private vs Secret data, Thread Modelling, Data breach vs leak, Data Profiling, Light beam, Privacy Badger, Encryption tools, social media, Password Manager and Work Profiling and Multicount.





Hands on Session on Convolutional Neural Networks



The Institution of Engineers (India)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

St. Joseph's IEI Student Chapter

in association with



THE INSTITUTION OF ENGINEERS (INDIA)

Kancheपुरam Local Centre



organizes

Hands-on Session on

Convolutional Neural Network



Tailored specifically for II year IEI students.



MAR-28-24
2 PM to 3 PM

CSE Lab 1

The Department of Computer Science and Engineering in association with The Institution of Engineers (India) [IEI] student chapter conducted Hands on Session on “Convolutional Neural Networks” for the IEI members of II year on 28-03-2024. The students executed various datasets with the CNN algorithm. They were allowed to use python for coding CNN. An introduction to CNNs helped in solving real-world problems in deep learning while teaching their implementation in popular Python library - TensorFlow. The students learned to use Convolutional Neural Networks to work on problems such as image classification, object detection, and semantic segmentation.





Content Writing Competition



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



ORGANIZES

CONTENT WRITING COMPETITION



11 YEAR STUDENTS



05.04.24

TIMINGS: 9.30 AM TO 11.30 AM

CSE SMART CLASS

Department of Computer Science and Engineering Organizing a Content Writing Competition in collaboration with the IEEE Student chapter Computational Intelligence society, Computer Society and industrial electronics must have been an enriching experience for both participants and organizers on 05.04.2024 for 11-year CSE students. Such events not only foster creativity but also provide a platform for students to showcase their writing skills.



IEEE



IEEE
Computational
Intelligence
Society
Thailand Chapter



IEEE
COMPUTER
SOCIETY





ML Club Activities



DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING

IN ASSOCIATION WITH
MACHINE LEARNING CLUB

PRESENTS

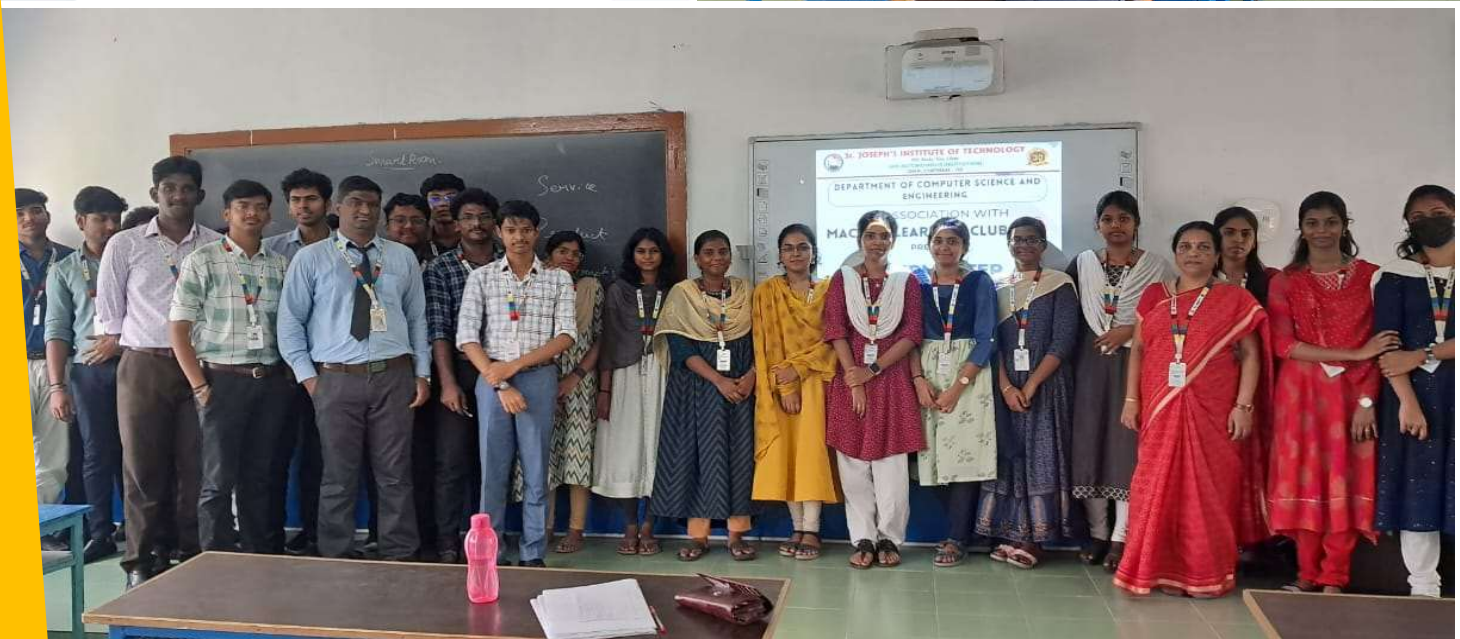


PREPMASER
THE ULTIMATE DATA PREPROCESSING
COMPETITION

DATE
25.04.2024

VENUE
SMART CLASSROOM

TIME
9:40AM TO 11 AM



On April 25th 2024, the CSE Department organized a **competition titled "PREPMASER – The Ultimate Data Preprocessing Competition"** conducted by the department of Computer Science and Engineering. The competition aimed to delve into the intricacies of linear regression, a fundamental concept in Machine learning and statistics. It provided a platform for students to showcase their proficiency in preparing data for analysis and modelling. The competition was structured into multiple rounds, each designed to challenge participants' abilities in various aspects of data preprocessing.



SUMMER INTERNSHIP TRAINING PROGRAM (TECH PYNDROID)



Department CSE organizing summer School internship program named **TECH PYNDROID for Schools students from 11th and 12th standard with 5 different domains** like UI/UX, Photoshop/canvas, fundamentals of web development, Real time practices in python and video animation real time hands-on experience from 22nd to 27th April. These domains cover a wide range of skills that are highly relevant in today's technology-driven world. It's great that students will get hands-on experience during the program this experience will likely give them a taste of what these fields entail and help them make informed decisions about their future career paths.





NGO VISIT



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING NGO VISIT



II CSE B

for
at

II CSE C

Anjalammal special school
Bharat Nagar,
pudupatinam,
kalpakkam - 603102

Amma appa old age home
Aringar anna colony street,
Ponnuswamy nagar,
Mannivakkam -600048



6-04-2024



II B SECTION

II C SECTION





CSI Project EXPO (InnovateXpo)



Department of CSE, IT and ADS of “St.Joseph’s Group of Institutions” conducted Project Expo in association with Computer Society of India- Kancheepuram Chapter (CSI-KPM). Project Expo named as **InnovateXpo** was conducted on the **24th April 2024** at St.Joseph’s Institute of Technology. It was a continuous event for students to showcase their technical soundness and innovative ideas. Almost 33 teams from 10 colleges registered for the event among which the teams with best ideas were chosen for the mega event.

Department of CSE , IT & ADS

in association with
Computer Society of India
(Kancheepuram Chapter)



PROJECT EXPO **InnovateXpo**

SPARKING TOMORROW'S INNOVATIONS TODAY

Date- 24/04/2024

CSE Lab Block

Chapter Patrons

Dr. M. Murugan - Chairman Dr. J. Frank Vijay - Vice Chairman
Dr. S. K. Saravanan - Secretary Dr. B. Sreedevi - Treasurer

Convenors

Dr. J. Dafni Rose Dr. K. Vijayakumar
Prof. & Head, Department of CSE Professor & Head, Department of IT

Dr. R. Priscilla
Professor & Head, Department of ADS





Student Employment Enhancement and Research Activities (SEERA)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

HIGH PACKAGE PLACEMENT
LeetCode Training



ABHS
Workshop On IELTS



SEERA

FOR SECOND YEAR STUDENTS

COMMUNICATION
Soft Skills Training



PLACEMENT
Problem Solving Session



3 AND ABOVE ARREARS
Java Programming
Special Coaching



1 AND 2 ARREARS
Previous Year Question
Paper Solving



25-04-2024

3:30 PM - 5:00 PM

VENUE

CSE LAB 1, 2, 3, 4

ROOM NO.: 7

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Organized

Student Employment Enhancement & Research Activities

II YEAR



DATE
05.04.2024

VENUE
CSE CLASSROOM

TIME
3 PM TO 5PM



Faculty Achievements



Patent Publications

Dr. Dafni Rose, Head and Professor, Published and granted a patent titled Remote Controller for Live Streaming Devices with application number 6257450 on 16/04/2024, under UK Design (GOV.UK).

Dr. Mythili published a patent titled Smart IoT Necklace for Women's Safety and Protection with application number 202441019661 on 29/03/2024, under Government of India Government of India.

Dr. Sai Ramesh Published a patent titled Multi - Layered Cybersecurity Framework using Machine Learning Algorithms with application number 202441027153 on 04/12/2024, under Government of India Government of India.

V. Sabaresan published a patent titled A Deep Learning Approach for Enhanced Expiry Date Detection in Pharmaceutical Quality Assurance with application number 202441030064 on 19/04/24, under Government of India Government of India.

Paper Publications and presentation – Conference

Dr. L. SaiRamesh published a paper titled A Machine Learning Approach for District Wise Classification of Employability Rate in Southern Indian States in IEEEExplore on 19th march 2024.

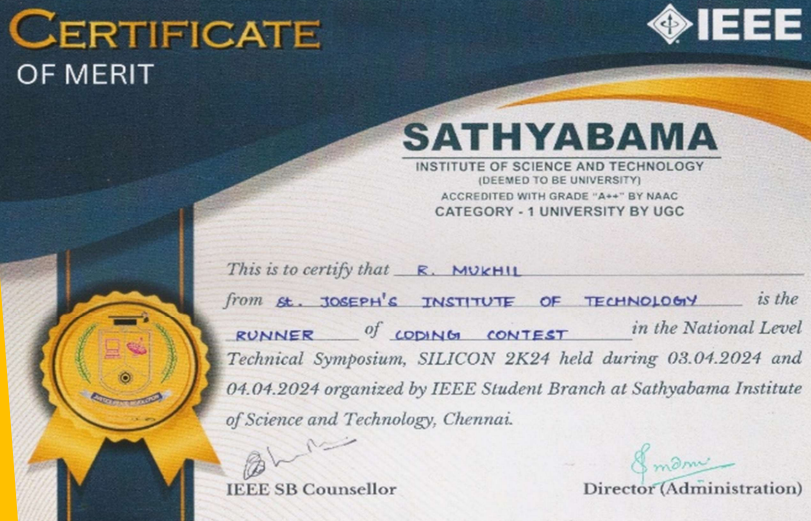
Mrs.k.Jaspin published a paper titled Smart Shoes for Fitness and Performance Analysis of Sportsmen in IEEEExplore on 08 April 2024.

Mrs. K. Jaspin presented a paper titled PSO based MR Image Segmentation for Brain Tumor Detection in scopus index 6th International Conference on Smart Systems and Inventive Technology (ICSSIT 2024) at Francis Xavier Engineering College on 20th and 4th April 2024.

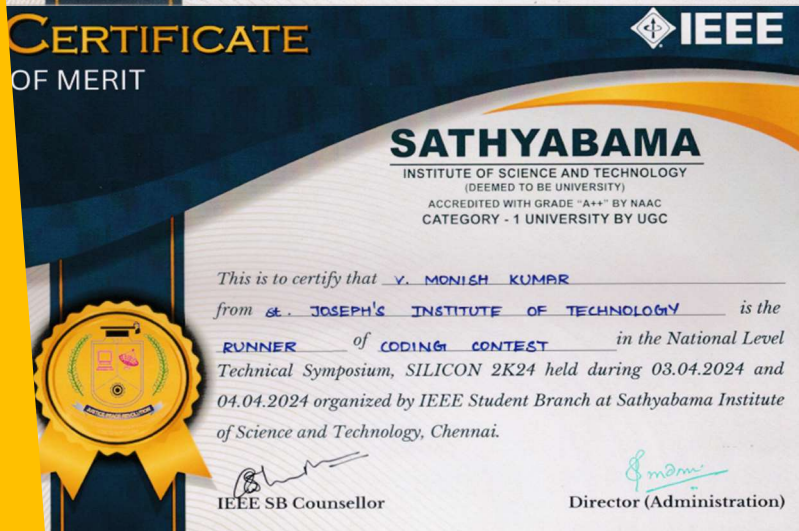
Ms.K.Sherin presented a paper titled Live Feed Capture using Arduino Controlled RC Car in scopus index 6th International Conference on Smart Systems and Inventive Technology (ICSSIT 2024) at Francis Xavier Engineering College on 20th and 4th April 2024.



Student Achievements



Congratulations to second-year CSE Department students Mukhil R and Monishkumar V for their outstanding performance in placing second in the CODING CONTEST in the National level Technical Symposium, SILICON 2K24 organized by IEEE Student Branch at Sathyabama Institute of Science and Technology on 4.4.2024. Their outstanding performance is evidence of their talent, commitment, and hard work. It's encouraging to hear of their inspiring path and their success has surely been greatly attributed to their collaboration and the college's assistance





Student Achievements



Congratulations to **Pugalesan I, Kailash S, and Karuppusamy S, second-year students of the CSE Department**, for their exceptional achievement of securing the second position in the IEEE "YESIST 12" competition hosted at Study World College of Engineering on 23rd March 2024. Their remarkable performance underscores their talent, dedication, and perseverance. It's heartening to learn about their inspiring journey, and undoubtedly, their success is a result of their collaboration and the support provided by the college.





Student Achievements



Congratulations to two teams of third-year CSE Department students for their impressive achievements in the "Intra college Project Expo- Tech Marvels" competition at St. Joseph's Institute of Technology on April 4, 2024. Team 1, consisting of **Sivaganesh N, SanjithKumar M, Sethulakshmanan S P, Yogesh Shamlin Shinanth J S, and Vigram K M**, secured the second spot, earning a cash prize of Rs.10,000. Similarly, Team 2, led by Joel Staines J M, Adams Issac Raj T, Khalushankar A, Legin M L, and Lohit Akshaa M, achieved fifth place and received a cash prize of Rs.2,000.





Student Achievements



Congratulations to **Paul Ibzhan JB, SIVASABARI P, second-year students of the CSE** Department, for their exceptional achievement in recognition of your hard work and dedication as a member of the Student Ambassadors team and certificate of Student Ambassador provided by Pablo Veramendi, Global Director, Microsoft Learn Student Ambassadors.

Microsoft Learn Student Ambassadors | 2024

This certificate is presented to:

SIVASABARI

P

Student Ambassador

In recognition of your hard work and dedication as a member of the Student Ambassadors team.

Pablo Veramendi
Global Director | Microsoft Learn Student Ambassadors



Microsoft Learn Student Ambassadors | 2024

This certificate is presented to:

Paul Ibzhan

JB

Student Ambassador

In recognition of your hard work and dedication as a member of the Student Ambassadors team.

Pablo Veramendi
Global Director | Microsoft Learn Student Ambassadors





Staff Rewards



St. JOSEPH'S
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OMR, CHENNAI - 119



Rs. 3 CRORE STAFF REWARDS



RS. 1.23 CRORE
(Rs. 71 Lakh + Rs. 52 Lakh)

rewarded to 482 Staff Members for their academic and research accomplishments

St. Joseph's College of Engineering
YOU CHOOSE, WE DO IT
St. Joseph's Institute of Technology
WE MAKE YOU SHINE

The Choice of
Disciplined Toppers

Department of Computer Science and Engineering achieved a remarkable milestone by securing Rs. 20,000 for placement achievements. This accomplishment underscores the department's commitment to enhancing student employability and success. Faculty members received rewards of Rs. 2,21,000 for journal publications, Rs. 76,000 for patent publications, Rs. 12,000 for NPTEL certifications and Rs. 5,000 for citation (Scopus and WOS).

