



St. JOSEPH'S INSTITUTE OF TECHNOLOGY

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OMR, CHENNAI - 119



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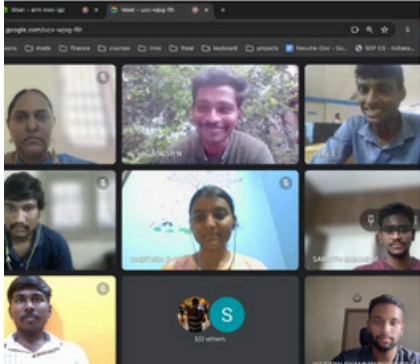
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



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NEXTGEN NEWS JUNE 2024



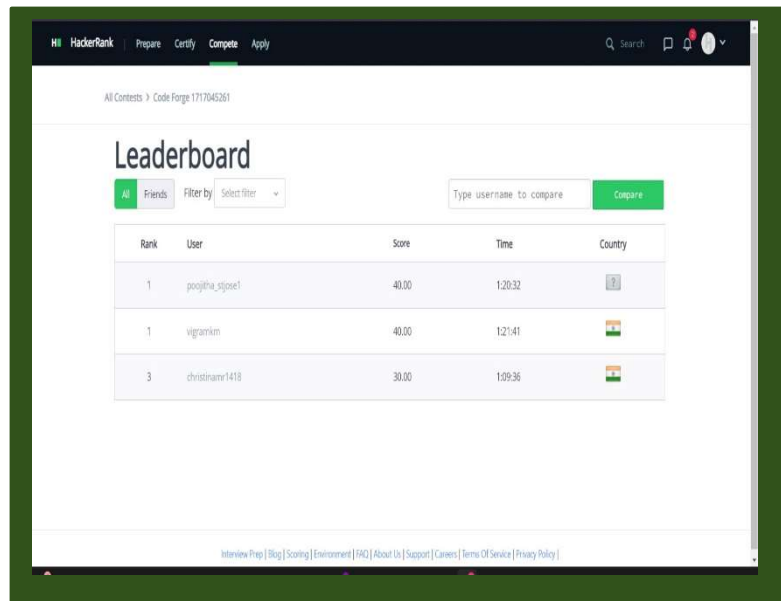
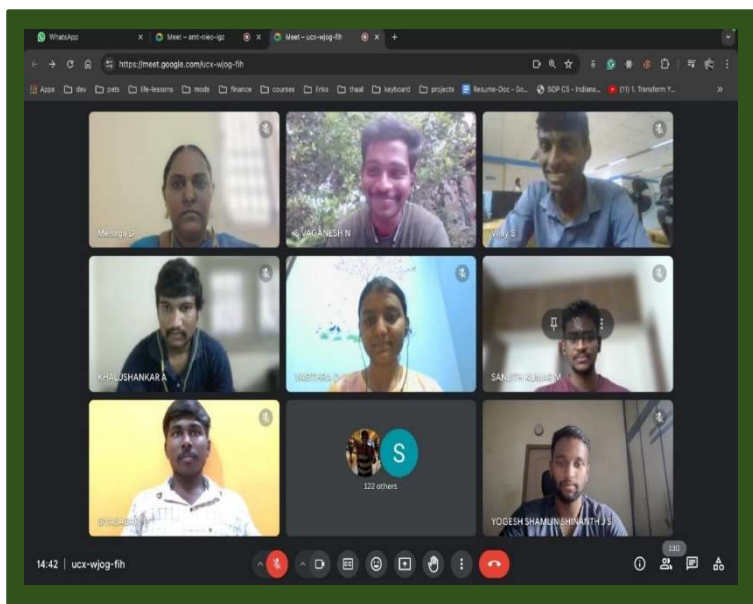
St. JOSEPH'S
GROUP OF INSTITUTIONS
OMR, CHENNAI - 119



The Choice of
Disciplined Toppers

IEI – Club Activity

The Department of Computer Science and Engineering in association with The Institution of Engineers (India) [IEI] student chapter conducted Coding Practices using Hacker rank on “Code Forge” for the IEI members of II & III year on 05-06-2024. Hosting a coding event, “Code Forge” on Hacker Rank can provide numerous benefits and opportunities for participants, organizers, and stakeholders.



The Department of Computer Science and Engineering in association with The Institution of Engineers (India) [IEI] student chapter conducted Seminar on World Environment Day for 1st year Students on 07-06-2024. World Environment Day, celebrated annually on June 5th, is a global platform for encouraging awareness and action for the protection of the environment. It is one of the events focused on environmental advocacy.

IEI – Club Activity



The Department of Computer Science and Engineering in association with The Institution of Engineers (India) [IEI] student chapter conducted Group Discussion on Generative AI for IEI Students on 15-06-2024.

Students actively participated in the Group Discussion and spoke the sustainability of Generative AI regarding placements. The impact of Generative AI is not always an advantage. The students shared their views on Generative AI.



Faculty Achievement - FDP

Mr A Balamurali has attended 6 days Physical FDP titled "Innovation and Entrepreneurship" at Anna University on 10.06.2024 to 15.06.2024



Dr. L. Sairamesh has attended 5 days Certificate Course on "Idea to Market-Confiscating National and International Patents" at Centre for Intellectual and Property rights, Anna University from 18-06-2024 to 22-06-2024.



Faculty Achievement - FDP

1. Dr J.Dafni Rose has attended five days Faculty Development Program on “Intellectual Property Rights and Patents” from 20.05.2024 to 24.05.24 at Dr M.G.R Educational and Research Institute.
2. Mrs R.Vasanthi has attended a five days Faculty Development Program on “Salesforce Administrator” from 27.05.24 to 31.05.24 at St.Joseph’s Institute of Technology.
3. Mrs Ezhil Dyana has attended a five days Faculty Development Program on “Salesforce Administrator” from 27.05.24 to 31.05.24 at St.Joseph’s Institute of Technology.



Faculty Achievement – Journal Publications

1. J. D. Dafni Rose published a paper titled "Improving brain tumour treatment with better imaging and real-time therapy using quantum dots" in the SCIE Journal "Biomedical Signal Processing and Control" on May 2024
2. Dr. A. Deepak Kumar published a paper titled "Vulnerability Detection in Software Applications Using Static Code Analysis" in Scopus index journal "Journal of Theoretical and Applied Information Technology" on May 2024
3. Dr. A. Deepak Kumar published a paper titled "Harnessing Machine Learning for Uterine Fibroid Detection Using Advanced Classification Techniques" in Scopus index International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems on May 2024.
4. Dr. N. Mythili Published a Paper Titled Crossover Boosted Grey Wolf Optimizer-based framework for leader election and resource allocation in Intrusion Detection Systems for MANETs In Scopus Journal in June 2024.
5. Mr. P. Mithun has published a SCIE Journal paper titled "A Model for Predicting Chronic Kidney Diseases Based on Medical Data Using Reinforcement Learning" in June 2024 and Journal name is SN Computer Science.
6. Mrs. EzhilDyana has published a Scopus Journal paper titled "Testing and evaluation on friction surfacing of Alloy 36 over spheroidal graphite iron and its effect on coating thickness and width using artificial neural networks and response surface methodology" on June 2024 and Journal name is Materials & Engineering Technology.
7. Dr.C.A Subasini published a paper titled "Healthcare security in cloud-based wireless sensor networks: Botnet attack detection via autoencoder-aided goal-based artificial intelligent agent" on June and Journal name is Concurrency and Computation: Practice and Experience.

Faculty Achievement – Journal Publications

7. Dr.C.A Subasini published a paper titled “Enhancing Solar Still Distillation Efficiency through Integrated Solar Chimneys and Submerged Condenser Systems” on June and Journal name is Thermal Science.

Faculty Achievement – Conference Publications

1. Dr. N. Mythili published a paper titled “Exploring the Role of Generative Adversarial Networks (GANs) in Image Translation using Load Balancer Interface Application” in 2023 3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA) on June 2024.
2. Dr. Adlin Sheeba published a paper titled “Blockchain Technology for Cyber-physical Systems” in Emerging Trends for Securing Cyber Physical Systems and the Internet of Things on June 2024.

Faculty Achievement – Book Chapter Publications

1. Mr. MuthuKumar published a book chapter titled "Machine Learning Programming" in the Journal of Computer Science and Technology, Volume 43, Issue 9 [CH], 2024, ISSN: 1362-3001 [UK].

Faculty Achievement – Patent Publications

1. Mr. Sundarababu Maddu has published a patent titled “Black Widow Optimization Algorithm for Detecting Brain Tumour Using Magnetic Resonance Image Segmentation” with application number 202441040742 on 31st MAY 2024.
2. Mr.S.Muthukumar has published a patent titled “System and Method for Intelligent Resource Management Using Deep Learning in Cloud Computing Environments” with application number 202441042212 on 7th June 2024.

Placement Training Activity

Department of Computer Science and Engineering organized a “DYNAMIC DUO DISCUSSION TO CRACK PRESIDIO PLACEMENT DRIVE” on 07.06.2024 by our alumni Mr. Kailash, Presidio- Software Engineer of batch: 2018-2022. Nearly 100 students joined in the online event from 12.00 pm to 1.00 pm. The event was helpful for our students to crack the presidio drive. The Department of Computer Science and Engineering, organized a Pre placement talk on "Dynamic Duo Discussion to Crack Presidio Placement Drive" on June 7, 2024. The event featured our alumnus, Mr. Kailash (2018-2024), a Software Engineer at Presidio. Nearly 100 students participated in the online event, which was held from 12:00 PM to 1:00 PM. The session proved to be extremely beneficial for our students in preparing for the Presidio placement drive.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ORGANIZES

IV YEAR

DYNAMIC DUO DISCUSSION
TO CRACK
PRESIDIO PLACEMENT DRIVE



Mr. Kailash

PRESIDIO
SOFTWARE ENGINEER
2018-2022

ONLINE

TIMINGS: 12.00 PM TO 1 PM

07.06.24

Placement Training Activity

The Department of Computer Science and Engineering, organized a Preplacement talk on "Strategy and Success Session to Crack ZOHO Placement Drive" on June 17, 2024. The event featured by our alumnus, Mr.Visnunnathan C (2016-2020), SAP, Software Developer at ZOHO. Nearly 100 students participated in the online event, which was held from 12:00 PM to 1:00 PM. The session proved to be extremely beneficial for our students in preparing for the ZOHO placement drive.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ORGANIZES **IV YEAR**

STRATEGY & SUCCESS SESSION
TO CRACK
ZOHO PLACEMENT DRIVE



Mr. VISNUNATHAN C
ZOHO (2020-2022)
SAP, SOFTWARE DEVELOPER
BATCH: 2016-2020

📅 17.06.24
📍 ONLINE
🕒 TIMINGS: 12.00 PM TO 1 PM



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ORGANIZES **IV YEAR**

PURSUIITS & PROGRESS SESSION
TO CRACK
ZOHO PLACEMENT DRIVE



Mr. Vijay Chandar
MEMBER TECHNICAL STAFF
ZOHO
BATCH: 2013-2017

📅 18.06.24
📍 ONLINE
🕒 TIMINGS: 10.00 AM TO 11.00 AM

The Department of Computer Science and Engineering, ST. JOSEPH'S INSTITUTE OF TECHNOLOGY, OMR organized a Preplacement talk on "Strategy and Success Session to Crack ZOHO Placement Drive" on 18th June, 2024. The event featured by our alumnus, Mr. Vijay Chandar (2013-2017), Member Technical Staff at ZOHO. 168 students participated in the online event, which was held from 10:00 PM to 11:00 PM. The session proved to be extremely beneficial for our students in preparing for the ZOHO placement drive.

Student Achievement – Niral Thiruvizha

Under the initiative of the Tamil Nadu state government, Naan Mudhalvan Niral Thiruvizha aims to foster innovation and skill development among students. As part of this initiative, five batches of students from the Department of Computer Science and Engineering (CSE) showcased their project ideas from 25th June 2024 to 28th June 2024. This event provided a platform for students to present their innovative concepts and solutions, highlighting their technical skills and creativity.



CAREER GUIDANCE APP FOR STUDENTS – AI ASSISTED

GUIDE : Mrs. K. JASPIN

TEAM LEADER: Ms. G. MERCY KIRUBA



COTTON LEAF DISEASE BASED ON IMAGE PROCESSING USING DEEP LEARNING

GUIDE : Dr. D. MENAGA

TEAM LEADER: Mr. B. T. ROSHAN



ENHANCING HEART DISEASE PREDICTION USING BI-LSTM ALGORITHM

GUIDE : Mrs. M. V. EZHIL DYANA

TEAM LEADER: Mr. A. ASHOKMITHRA



SECURITY ENHANCEMENT IN BANKING TRANSACTIONS WITH MULTISTAGE

VERIFICATION USING BLOCK CHAIN

GUIDE : Dr. L. SAI RAMESH

TEAM LEADER : Mr. R. SAISHYAM



BLOCKCHAIN BASED APPLICATION TO DETECT AND MITIGATE FAKE SOCIAL MEDIA

PROFILES

GUIDE : Mr. SUNDARABABU MADDU

TEAM LEADER : Mr. M. SIVA



25/06/2024

To

27/06/2024

Student Achievement – Paid Internship

Student Name	Company Name	Role	Mode	Compensation (INR)
Brendan Ryan Devasagay A	Tesys India Pvt Ltd	Cloud Developer	Hybrid	12000
Jensen Jose C	Contractspan	Aws Intern	Online	12000
Legin M L	Makerble	Devops Intern	Online	15000
Lohitha R	Hilavsen	Frontend Developer	Hybrid	10000
M.Ramji	Samanapern	Web Developer	Offline	3000
J.Shahid	Clubsitssolution	Computer Vision Intern	Offline	20000
J S.Yogesh Shamlin Shinanth	Hion Studios	Software Development Engineer	Hybrid	5000

Student Achievement – Placement

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CONGRATULATIONS

TO OUR PLACED STUDENTS

IN
ZOHU



Mr. GOWDHAM M

INTERN



Mr. SANJITH KUMAR M

7 LPA

BATCH: 2021-25

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CONGRATULATIONS

TO OUR PLACED STUDENTS

IN
PRESIDIO



Mr. YOGESH SHAMLIN
SHINANTH J S

9.5 LPA



Mr. LEGIN M L

9.5 LPA

BATCH: 2021-25