



# 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



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



### Top News

- 8th GRADUATION CEREMONY
- TECH PYNDROID
- PLACEMENT TRAINING
- CSI Chapter
- RESEARCH & INDUSTRY INTERACTION
- NPTEL COURSES
- INTERNSHIP

## NEXTGEN NEWS MAY 2024



# St. JOSEPH'S GROUP OF INSTITUTIONS

OMR, CHENNAI - 119



## The Choice of Disciplined Toppers

# GRADUATION CEREMONY

Our St. Joseph's Institute of Technology celebrated its 8<sup>th</sup> Convocation for 2018 - 2022 batch on 18<sup>th</sup> May 2024, 168 Graduates from the Department of Computer science and engineering was awarded Degree on that day. Our students have excelled in their academics and have secured 3 University Ranks in the Anna University Examinations.

Jerusha J – 12<sup>th</sup> Ranks – 9.30 CGPA

Olagammal O.S – 15<sup>th</sup> Ranks – 9.26 CGPA

Mohanraj M – 21<sup>st</sup> Ranks – 9.20 CGPA

Above students were rewarded with Shield, Rank certificate and amount of Rs 15,000/- for the achievement of university ranks.



# TECH PYNDROID - School Internship Program

Department CSE successfully organized summer School internship program named **TECH PYNDROID** for Schools students from 11<sup>th</sup> and 12<sup>th</sup> 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 22<sup>nd</sup> April to 27<sup>th</sup> May.

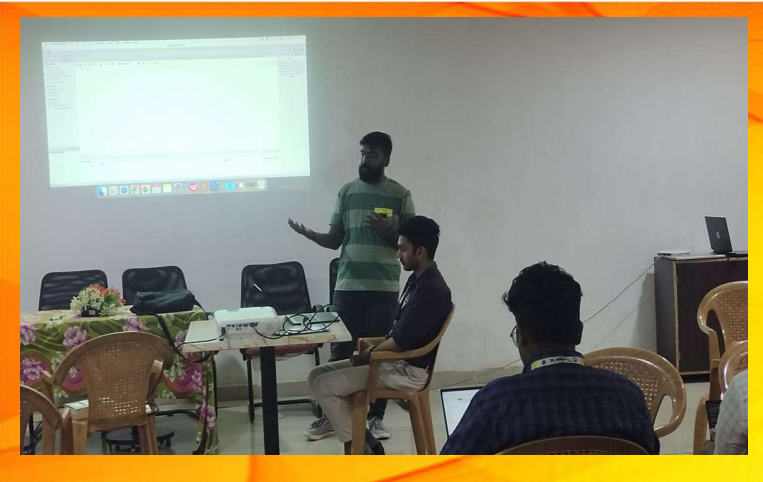


# PLACEMENT TRAINING – 2<sup>nd</sup> Year Students

The Department of Computer Science and Engineering organized **Training in Problem solving & Aptitude** by **Ms. Anitha- Technical Architect, Accenture, Chennai**. She gave wonderful talk about career support and technical experience in programming solving. Students actively attending the session on 29.04.2024.



Department of Computer Science and Engineering organized **Training in SQL basics** by **Mr. Rajaguru- Data Engineer, Paypal**. He is the Alumni from 2006 to 2010 batch, he shared lots of experience in their career growth and strength of database jobs on 30.04.2024. Students actively participated and asked their career doubts. The session was good and highly interactive.



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### TRAINING IN HOW TO CRACK LEET CODE PROGRAMS

📅 02.05.24

II YEAR



SPEAKER

**Mr. Gift Lee Jones**

Senior Software Developer  
Oracle

🕒 TIMINGS: 08.00 AM TO 11.00 AM

PLACEMENT  
TRAINING STUDENTS

TECH LIBRARY  
CONFERENCE  
HALL



# CSI Chapter - Award Function

The 3rd CSI Kancheepuram Chapter Level Award Function was held on 08/05/2024 conferred the Best Service Awards 2023-2024 to several individuals at SRM Valliammai Engineering College.



**Dr. J. Dafni Rose's accolade with the Women Leadership Award** as the Head of Department (HOD) is a testament to her exceptional leadership skills and contributions to the field of computer science and technology.

**Ms. K. Sherin, Assistant Professor** in the Computer Science and Engineering (CSE) department, has been honored with the **Active Participation Award** for her role as a Student Branch Counsellor (SBC).



# CSI Chapter - Award Function

The Active Participation Award presented to Mr. S. Dhiyanesh, a student from the IV-year Computer Science and Engineering (CSE) program, signifies his outstanding engagement and involvement within the academic community. This recognition likely reflects his proactive participation in various academic, extracurricular, or community-oriented activities. It underscores his dedication, enthusiasm, and willingness to contribute positively to his educational environment, fostering collaboration and growth among his peers.



Congratulations to Mr. Ben Staines, Mr. Eugene Carmel, and Mr. Katta Rohith on their project titled "Highway Security System using Machine Learning and IoT." This project likely involves leveraging machine learning algorithms and IoT devices to enhance security measures on highways, potentially by detecting and alerting authorities about suspicious activities or hazards in real-time. It's a commendable effort that combines cutting-edge technologies to address an important societal need.

# CSI Chapter - Award Function

Congratulations to Mr. Hains Immanuel Vaiz, Mr. Bharath B, Ms. Addlin Vini V N, and Mr. Shahid J on their project titled "Introducing the Rescue Rover: A Next-Gen Rescue Rover Revolutionizing Emergency Response." This project likely involves designing and implementing an innovative rescue rover equipped with advanced features to enhance emergency response efforts. The rover may incorporate technologies such as robotics, AI, and IoT sensors to navigate through challenging terrains and assist in rescue missions during natural disasters or other emergencies.



Congratulations to Mr. Adams Issac Raj, Mr. Joel Staines, Mr. Khalushankar A, and Mr. Legin M L on their project titled "AR Textbooks." This project likely involves the development of augmented reality (AR) textbooks, which integrate digital content and interactive elements into traditional textbooks using AR technology. AR textbooks can provide students with immersive learning experiences, allowing them to visualize complex concepts in 3D, interact with virtual models, and access additional multimedia resources.



# CSI Chapter - Award Function

Congratulations to Mr. Sivaganesh N, Mr. Yogesh Shamlin Shinanth J S, and Mr. Vigram K M on their project titled "Smart City Mobile Application." This project likely involves the development of a mobile application designed to facilitate various aspects of urban living in a smart city environment. The application may include features such as real-time public transportation updates, smart parking solutions, waste management services, emergency assistance, and community engagement platforms.



Your creativity, hard work, and dedication have been recognized, showcasing your talent and potential in developing innovative projects. Well, done on this remarkable achievement!



# RESEARCH & INDUSTRY INTERACTION

## Patent Publications

**Mr. P. Mithun**, published a patent titled on Personalized User Experience: Building Recommendation System with Machine Learning, application number 202441032838 on 03/05/2024, under Government of India Government of India.

**Mr. A. Balamurali**, published a patent titled on Mental and Physical Fitness Prediction Using Machine Learning Programming., application number 202411023966 on 10/05/2024, under Government of India Government of India.

## MOU

# MEMORANDUM OF UNDERSTANDING BETWEEN

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
&  
FINECONS LIMITED

INDUSTRY INTERACTION

27.05.24

Finecons Limited is an Indian company, revolutionizing the IT landscape through cutting-edge solutions, enhancing Cyber Security and offer end-to-end solutions with emerging technologies.

### Outcomes:

- To design an industry supported curriculum for B.E. CSE(Cyber Security).
- Impart Skill development programs to train the students to be industry ready.
- Conduct guest lectures, Value added courses & Workshops to improve the employability of the students.
- To establish specialized Cyber Security lab syllabus with emerging security tools.



## II Year Students who have completed NPTEL January to APRIL 2024

SNO	NAME OF STUDENT	STATUS	COURSE
1	Shajitha S	ELITE	Programming In Java
2	Sherin Mithushiya P	ELITE	Design and analysis of algorithms
3	Theivaanai S	ELITE	Programming In Java
4	Kabhilesh S	ELITE	Getting Started with Competitive Programming
5	Gokul Ram J	ELITE	Programming data structures and algorithms using python
6	Barath Ananth S G	COMPLETED	Design and analysis of algorithms
7	Hari J	COMPLETED	Python for Data Science
8	Abinaya M	COMPLETED	Design and analysis of algorithms
9	Dhayananthan S I	COMPLETED	Data Base Management System
10	P Tamilrasu	COMPLETED	Cloud Computing
11	Rithika S	ELITE	Data Base Management System
12	Abel Jeba Sheeban S	ELITE	Data Base Management System
13	Kali Vignesh S M	ELITE	Python for Data Science
14	Kirupa V	ELITE	Introduction to Programming in c
15	Mukilan N	COMPLETED	Design and analysis of algorithms
16	Paul Ibzhan J B	ELITE	Python for Data Science
17	Priyanka Bhushan	ELITE	Python for Data Science
18	Rithika S	ELITE	Data Base Management System
19	Santhosh Nethran R A	ELITE	Python for Data Science
20	Jashwanth J	ELITE	Design and analysis of algorithms
21	Shaik Afzal S	ELITE	Python for Data Science

## III year Students who have completed NPTEL January to APRIL 2024

SNO	NAME OF STUDENT	STATUS	COURSE
1	Monish D	Elite	Introduction to internet Things
2	Madhavakrishnan G	Elite	Introduction to internet Things
3	Praveenraj N	Elite	Introduction to internet Things
4	Makizhna M	Elite	Data Base Management System
5	Lemi Deborah S	Elite	Data Base Management System



**Elite**  
**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**MONISH D**  
for successfully completing the course  
**Introduction to Internet of Things**  
with a consolidated score of **87 %**

Online Assignments	25/25	Proctored Exam	61.5/75
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Total number of candidates certified in this course: 32882

Jan-Apr 2024  
(12 week course)



Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS355853402225 To verify the certificate  No. of credits recommended: 3 or 4



**Elite**  
**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**MADHAVAKRISHNAN G**  
for successfully completing the course  
**Introduction to Internet of Things**  
with a consolidated score of **73 %**

Online Assignments	24.78/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 32882

Jan-Apr 2024  
(12 week course)



Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS355853402684 To verify the certificate  No. of credits recommended: 3 or 4



**Elite**  
**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**MAKIZHNA M**  
for successfully completing the course  
**Data Base Management System**  
with a consolidated score of **60 %**

Online Assignments	21.04/25	Proctored Exam	38.5/75
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Total number of candidates certified in this course: 6225

Jan-Mar 2024  
(8 week course)



Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS21S544100680 To verify the certificate  No. of credits recommended: 2 or 3



**Elite**  
**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**LEMI DEBORAH S**  
for successfully completing the course  
**Data Base Management System**  
with a consolidated score of **65 %**

Online Assignments	21.04/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: 6225

Jan-Mar 2024  
(8 week course)



Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS21S544100639 To verify the certificate  No. of credits recommended: 2 or 3

# FIVE DAYS FDP ON SALESFORCE ADMINSTRATOR

A five-day FDP programme was organized by the department of CSE, IT, ADS and MBA in association with ICT Academy on the topic "Salesforce Administrator" from 27-05-2024 to 31-05-2024. Mr.Adham Basha, Relationship Manager, ICT Academy joined us for the inauguration on 27-05-2024 at 9:00 a.m in CSE Lab I. Mr.T.Srinivasan, Senior Technical trainer provided us with a detailed insight about the Salesforce Administrator role. There were 11 external participants and 12 internal participants who gained knowledge about this platform.

## Modules Covered:

- Your Guide to Trailhead
- Salesforce Platform Basics
- Data Modelling
- Picklist Administration
- Data Management
- Formulas and Validations
- Reports and Dashboards for Lightning experience
- User Management
- Data Security
- Build a Space Station App



# INTERNSHIP (2021-2025 Batch)

## Aachi Masala

- Adams Issac Raj T
- Alton Samuel J
- Donald M
- Eben Issac Raj S

## App Sphere Creations

- jeswi Nihidha E
- Praveen Raj N
- Katta Rohith
- Naresh S

## Dong Ah Electric India

- S.Priyanka
- J.Sandhiya
- K. Yokesh
- S.Roja

## I-Exceed Techonology Solutions

- Bhavadharani R
- Boyidi Poojitha
- Christina Michelle
- Sivaganesh

## Kaizen Secure Voiz

- Manjunath N
- Calvin Davis S R
- Joel Staines J M
- Khalushankar A

## Kareinfinity Technologies

- Jeffrey Sahaya
- Muthu Aravind R
- Lohit Akshaa M
- Mephi Alben A

## Neyveli Lignite

- Gokul R
- Harikaran P
- Harini M
- Haritha K

## Tecdata It Service

- P.Vidhya
- Maheshwaran D
- M.Thanigai Selvan
- Manikandan M

## Atlanwa

- Kamalika C
- Matheshwara M
- Prajan J

## Easha Technologies

- Charan Shiv S P S
- Anu Varshini S K
- Ashibha S

## Workiy Technologies

- B.Srinithi
- K S.Sona
- J.Vidhyasri

## Ak Infopark

- Admidilsen A M
- Ajay M
- John Benitto J

# INTERNSHIP (2021-2025 Batch)

## Easha Technologies

- Charan Shiv S P S
- Anu Varshini S K
- Ashibha S

## Larsen & Toubro

- Hemashri S
- Haris Jai Soorya V
- Aravindan R

## Vplan Infotect

- Jaideep Reddy M
- Javid J
- S.Santhosh
- M.Selvam
- S.Sharan

## Go4global Consulting

- Pallavi Priyadharshini
- Nandhana V
- Jenefa Angelin J
- Jenisha Shirley J
- Kirthi Devi S

## Myfluiditi Software

- S.Vignesh
- K. Sethuanand
- Hephzibai E
- Dilip Raj K
- J.Rithik Prasanna
- N R.Sarvesh
- Rv.Udhaya Kumar
- S.Sujith
- D.Vasanthakumar
- S. Yuvaraj

## Ladera Technology

- Akshaya D R
- Dhanalakshmi M
- Janani Priya S
- Hari Poornima R
- Harshita Chattopadhyay
- Hemalatha J
- Jaffy J
- Jayashree M

## Kge Tech

- Felci Christina A
- Lemi Deborah S
- Janani Priya S
- Makizhna M
- Puvanesh
- I.Rahul Britto
- H.Sahithya Shree
- Kirthi Devi S
- Jenisha Shirley J
- S.Shajil
- P.Thilak Johnpaul
- K. Zaiba Thabassum

## Jorim Technology

- Lakshanya H
- Preethi R
- S.Ramalakshmi
- P.Swetha
- S.Umamaheswari
- S.Vetri Selvi
- V.Vignesh

# INTERNSHIP (2021-2025 Batch)

## Supraja Technologies

- M.Sanjith Kumar
- Sethulakshmanan Sp
- J.Sharon Samraj
- D.Vasithra
- Yogeshwaran
- S. Vinotha

## Nit

- Muntazir Fayaz Wani  
Paypal
- Sethulakshmanan Sp  
Raka Technologies
- Akaash R  
Rootx
- Giriharan V  
Salesqueen Software
- B. Yogalakshmi  
Samanapern
- M.Ramji

## Santech

- Kalimuthu C  
Softrate Technologies
- Jeffrey Jones S  
Santech
- J.Sharon Samraj  
Srishti Innovative
- Jacksy M  
Street League
- Abishek M  
National Small Industries
- S. Vinotha

## Mentarro

- Abinai Sree P
- Deshra K
- Hephzibai E
- Kanagalakshmi M
- Kartheeswari B
- Kaviya V
- Keerthana E
- Madhu Varshini V
- Magdiel Iphiya D
- Meenakshi B K
- Nishanthi P
- Praanithaa N
- T.Varshini

## Menthee Technologies

- Monika V  
Makerble
- Legin M L  
L&T Private Ltd
- Anush Varath S  
Internpe
- K.Subashree  
Idynamics
- Ben Stanes J  
Hj Infotech
- Kaushik J

## Triplem Infotech

- Dhanush D
- Abilash S
- Abinesh V
- Ajay A
- Benny Israel J
- Duraimadhavan K R
- Gayathri Devi T
- Janalyn Maroula L
- Javith Ahamed M
- Jeremy Jonathan Raj
- Muthukumaran S
- Nitish Kumar.P
- S J.Razlina Joan
- U S. Sutharshana
- S.Swetha
- A.Terren Danica

## Hion Studios

- J S.Yogesh Shamlin  
Helpy Moto
- K M.Vigram  
Hatsole
- Hains Immanuel Vaiz  
Graztech
- Sanchith Abinav  
Gmas Info Tec
- Maheswari A  
Genix Technologies
- Naveen C