# ERODE SENGUNTHAR ENGINEERING COLLEGE

2023 - 2024



# DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science and Engineering has been successfully functioning since 1998. It offers B.E. (Computer Science and Engineering) and M.E. (Computer Science and Engineering). The MoU signed by the Department are CISCO. Infosys (Campus Connect), MICROSOFT (Campus Agreement) and ORACLE. organizes Symposia, Exhibitions, Conferences, Seminars and Workshops for both students and Faculty belonging to various Technical Educational Institutions, Research Scholars of Research Institutes and Industries all over India

The Department is Accredited by NBA, AICTE since 2009. The department comprises of 7 centralized air conditioned Computer Centers with 300 systems, state of the art computing facilities with sufficient power supply backup.

#### **OUR VISION**

Vision of Erode Sengunthar Engineering College is to become a World Class Technical Institution and Scientific Research Centre for the Benefit of the Society.

#### **OUR MISSION**

Erode Sengunthar Engineering College will strive continuously to

- Create Positive difference to Society through Innovative Teaching – Learning Process.
- Impart Value Based Technical Education to the Students from across various Socio Economic backgrounds.
- Build State of art infrastructure for high quality Research and Development capabilities on par with the finest in the Globe and widen student's horizons beyond Class Room.
- Bring out Competent, Ethically Strong and Quality Professionals.



#### **DEPARTMENT ACTIVITY**

 The Department of Computer Science and Engineering is recognized as a Research Center by Anna University, Chennai.

## **ASSOCIATION ACTIVITIES (2023–2024)**

### Webinar on "Build Your Own Generative AI Model"

• Date: 17th February 2024

• Resource Person: Mr. Trivikrama (IIT, New Delhi), AI Expert

# Workshop on "Intellectual Property Rights and IP Management for Startup"

• **Date:** 2nd March 2024

• **Resource Person:** Mr. J.E. Moshe Dayan, Faculty Coordinator, IPR Cell, PSNA College of Engineering and Technology

#### **Awareness Program on Game Addiction**

• Date: 16th February 2024

• **Venue:** Government Higher Secondary School, Pasuvapatti, Chennimalai

• Target Group: School students

#### **Quiz Programme**

• Date: 28th February 2024

• Occasion: National Science Day celebration

• Participants: College students

#### Seminar on "Ethical Considerations in Startup Development"

• **Date:** 11th March 2024

• **Resource Person:** Mr. Gowtham Krishnamoorthy, CEO, Nutz Technologies Pvt. Ltd., Erode

# Career Guidance Programme on "Unlock Your Potential and Reach Your Professional Aspirations"

• **Date:** 13th March 2024

• Chief Guest: Dr. M. Gokuldev, Associate Professor, Vel Tech University, Chennai

# International Conference on Intelligent Computing and Information Technology

• Date: 3rd and 4th April 2024

• **Chief Guest:** Mr. P. Anand, Regional Manager (Pre-Sales), Manage Engine, Zoho Corporation, Chennai

#### Workshop on "Build ChatGPT using React JS"

• **Date:** 27th March 2024

• **Resource Person:** Mr. Jegan David, Full Stack Instructor and Web Developer, Chennai

### **Guest Lectures / Leaders Talk**

• Organized a Leader's Talk with Mr. Mohanaraja, Team Lead, Accenture, Bangalore, and Ms. Iswarya, HR Executive, Accenture, Bangalore.

 Conducted Leader's Talk on "Front End Web Technologies" on 23rd February 2024. Resource Person: Ms. A. Priyadharshini, React

Developer.

# **MoU Signed and Related Activity**

MoU signed with IT Expert Training, Chennai.

Workshop: "Build Chat GPT using React JS", 27.03.2024.

• Lecture: "Prepare Yourself for Industry 4.0" on 15th March 2024, by Mr. Muhameed Ilyas K.M., CEO, IT Expert Training, Chennai.

## **Patent / Patent Submission Status**

• Ms. R. Punitha Gowri, Assistant Professor, published a patent on "Integration of Internet of Things and Machine Learning in Developing Reliable and Efficient Earthquake Early Warning Systems In Smart Cities" (09.02.2024, Application No. 202441005420A, Issue No. 06/2024).

• Ms. S. Revathi, Assistant Professor, published a patent on "A System and Method for Algebraic Structure Aspects and Algorithms in Cryptology" (16.02.2024, Application No.

202421002336, Issue No. 06/2024).

• **Mr. M. Sakthivel**, Assistant Professor, published a patent on "Securing Cloud Data With A Hybrid Approach: Machine Learning And Cryptosystems" (09.02.2024, Application No. 202441006259A, Issue No. 06/2024).

• Mr. M. Sakthivel, Assistant Professor, published a patent titled "Personalized User Experience: Building Recommendation Systems With Machine Learning" (Application No. 202441028362A,

Publication Date: 12/04/2024).

• Mr. R. Parthiban, Assistant Professor, published a patent titled "Enhancing Cloud Security With AI, Blockchain, And IoT For The Next Generation" (Application No. 202441022121A, Publication Date: 29/03/2024).

# Programs Organised for Career Development (GATE, Placement Training, etc.)

 Placement Oriented Value Added Course on "MERN Stack" was conducted from 23.03.2024 to 14.04.2024 for III Year CSE, AI&DS & CSD students.

## Programs Organised for Skill Development—IPR, Research, Value Added

• International Conference on Intelligent Computing and Information Technology held on 3rd & 4th April 2024. Chief Guest: Mr. P. Anand, Regional Manager (Pre-Sales), Manage Engine, Zoho Corporation, Chennai.

Seminar on "Ethical Considerations in One-day Development" (11.03.2024). Resource Person: Mr. Gowtham Krishnamurthy, CEO, Nutz Technologies Pvt. Ltd., Erode.

• Workshop on "Intellectual Property Rights and IP Management for Startup" (02.03.2024). Resource Person: Mr. J.E. Moshe Dayan, Faculty Coordinator, IPR Cell, PSNA College of Engineering and Technology.

• Value Added Course on "MERN Stack" (23.03.2024 to 14.04.2024

for III Year CSE, AI&DS & CSD, 54 students).

• Value Added Course on "IoT Application Development" (For 130 students of III Year B.E. CSE, 5 days).

### **STUDENT ACHIEVEMENTS**

- Selvi P. Ganga, Selvi K. Kavitha, Selvi A. Keerthika (III Year B.E.
- Participated in the Mega Hackathon organized by Vivekanandha College of Engineering for Women, Tiruchencode on 13.02.2024 and 14.02.2024, and won IV Prize.
- Selvan S. Logeshwar, Selvan S. Guhan (III Year B.E. CSE)
- Won First Prize in the Project Presentation conducted by Excel Engineering College.
- 🗾 Selvan M. Ariharan, Selvan K. Akaash (III Year B.E. CSE)
- Won First Prize in the Poster Presentation event conducted by Excel Engineering College on 29.02.2024.



#### KSR College of Engineering

Application Programming Interface

Sithara Shahana M (III CSE B), 14-15 Feb 2024

Meyyazhahan T U (IÌI CSE A), 16 Feb 2024

#### Kongu Engineering College (17 Feb 2024)

• New Track Model for Decentralized Online Social Media: Vishnu S, Sathish K, Pavish P, Nithishkumar (III CSE B)

 Al for Student Prediction (Paper Presentation): Shobiya Agneeswari K, Rithikadevi M, Sudhakar M K (III CSE B)

Agro Prediction: Gokulsri G, Pavithra É (III CSE B)

AR & VR: Sridhar V V (III CSE B)

#### PA College of Engineering and Technology (24 Feb 2024)

• Internet of Things: Simpal Kumari, Kushbu Kumari (III CSÉ B)

#### DR.N.G.P Institute of Technology, Coimbatore (4–5 Mar 2024)

• Cloud Computing: Suman Kumar, Rahul Kumar (II CSE B); Harivarshan N J, Akilan C S, Edwin Arul Solomon A M (II CSE A)

• AI Driven Mental Wellness Assistant: Boomika M, Hanushika Sri K, Kowshika J, Durga Sri V (II CSE A)

Machine Learning: Anushiya P, Charukesi S (II CSE A)

- Student Protection using Al: Deviga M, Jayalakshimi M, Kaviya S (II CSE A)
- Red Tacton Technology: Hariharan K K, Hariprasath P, Dharun Kumar B, Alok Ranjan (II CSE A)

• Quantum Computing: Naga Arjun S, Saran A, Sivanandh C C (II CSE B)

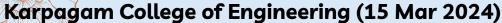
• Al for Student Performance Prediction: Pavithra S (II CSE B)

#### Sri Krishna College of Technology (8 Mar 2024)

• Chat Bot: Kamalesh M S, Hariprasath K, Began S K, Dinakar S (II CSE A)

- Metaverse: Kiran Surya S U, Krishnamoorthy P S, Akilan C S, Abhinav S (II CSE A)
- Cyber Security: Balasundaram A, Kabilan G, Arun Kumar S (II CSE A)
- Gen Al: Hari K, Gokul S, Hari Haran V, Ajay Kannan R (II CSE A)





• 5G Technology: Nithitha A (II CSE B)

Coimbatore Institute of Technology (22 Mar 2024)

• Drone using IoT: Charukesi S, Gopika Devi C N, Bavatharani M, Dhanasri N (II CSE A)

## Participation by Students in Seminar/National/ International conferences

#### **ERODE SENGUNTHAR ENGINEERING COLLEGE**

- Seminar (5 Jan 2024):
- Ariharan M (III CSE A)
- Ganga P (III ČSE A)

#### BANNARI AMMAN INSTITUTE OF TECHNOLOGY

- National Conference on Recent Trends in Artificial Intelligence and Soft Computing (24 Jan 2024):
- 57 students from IV CSE B attended.

#### VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN

• Mega Hackathon (13-14 Feb 2024):

- III CSE A: Abinayasri B, Abirami S, Akalya S Y, Bincy S, Deeksha R, Deva Priya T, Ganga P, Gopika S J, Ilamath I D, Kavitha K, Keerthika A A
- III CSE B: Gokul Sri G, Monika N, Pavithra B, Pavithra E, Pushpalatha D, Rammiya L, Rashika C, Rithikadevi M, Sangeetha V, Shajuna B, Sobiya Agneeshwari K, Thenmozhi S, Thirisha K, Gurushalinaa T, Khushbu Kumari, Shivani Kumari, Simpal Kumari

#### KSR COLLEGE OF ENGINEERING

- Application Programming Interface:
  - Sithara Shahana M (III ČSE B): 14–15 Feb 2024
  - Meyyazhahan T U (IÌI CSE A): 16 Feb 2024

• Poster Design:

Nandeeswaran (III CSE B): 17 Feb 2024

#### **KONGU ENGINEERING COLLEGE (17 Feb 2024)**

• Paper Presentation & Technical Events:

- Vishnu S, Sathish K, Pavish P, Nithishkumar (New Track Model)
- Shobiya Agneeswari K, Rithikadevi M, Sudhakar M K (Al for Student Prediction)
- o Gokulsri G, Pavithra E (Agro Prediction)

Sridhar VV (AR & VR)





#### PA COLLEGE OF ENGINEERING AND TECHNOLOGY (24 Feb 2024)

• IoT:

Simpal Kumari, Kushbu Kumari (III CSE B)

# DR.N.G.P INSTITUTE OF TECHNOLOGY, COIMBATORE (4–5 Mar 2024)

• Multiple Presentations (Cloud Computing, AI, Red Tacton, ML,

Quantum Computing, etc.):

 Suman Kumar, Rahul Kumar, Pavithra S, Naga Arjun S, Saran A, Sivanandh C.C, Boomika M, Hanushika Sri K, Kowshika J, Durga Sri V, Anushiya P, Charukesi S, Deviga M, Jayalakshimi M, Kaviya S, Hariharan K K, Hariprasath P, Dharun Kumar B, Alok Ranjan, Harivarshan N J, Akilan C S, Edwin Arul Solomon A M

#### SRI KRISHNA COLLEGE OF TECHNOLOGY (8-9 Mar 2024)

• Chat Bot, Metaverse, Cyber Security, Gen Al, Tech Dictionary, Brain

WHIZ (Technical):

 Kamalesh M S, Hariprasath K, Began S K, Dinakar S, Kiran Surya S U, Krishnamoorthy P S, Akilan C S, Abhinav S, Balasundaram A, Kabilan G, Arun Kumar S, Hari K, Gokul S, Hari Haran V, Ajay Kannan R, Simpal Kumari, Khushbu Kumari, Nithitha A

#### **COIMBATORE INSTITUTE OF TECHNOLOGY (22 Mar 2024)**

• Drone using IoT:

• Charukesi S, Gopika Devi C N, Bavatharani M, Dhanasri N (II CSE A)

#### **EXCEL ENGINEERING COLLEGE**

- Project Presentation / Poster Presentation (29 Feb 2024):
  - Logeshwar S, Guhan S, Ariharan M, Akaash K (III CSE A)
- Seminar on Data Analysis Using Statcraft Software (5 Mar 2024):
  - Aarthi E, Aswitha U, Annapurna T (IV CSE A); Nandha Kumar K, Sri Shyam (IV CSE B); Akash Kumar S, Kaleeshwaran K, Kiran Surya S U, Kabilan G, Daniel Tharmaraj J (II CSE A)

#### **PSG ITECH (15-16 Mar 2024)**

Non-Technical Codewars:

Karthi M, Deepak Kumar L (II CSE A)

#### KARPAGAM COLLEGE OF ENGINEERING

- Technical Event (15 Mar 2024):
- Dinesh R, Girinath R (II CSE A)





#### **MUTHAYAMMAL COLLEGE OF ENGINEERING (20 Mar 2024)**

- Conference:
  - Aarthi E, Karshika S, Devendran E, Kowsikkumar N, Abith A (IV CSE A)

#### **SRI KRISHNA INSTITUTIONS (9 Mar 2024)**

- Technical Event (Brain WHIZ):
  - Kiran Surya S U, HariHaran V, Ajay Kanna10.Workshop attended by the Students ONLINE and OFFLINE

#### IIT, KHARAGPUR, WEST BENGAL

- Tech Entrepreneurs (5 Days)
- A. Kavibharathi (III CSE A)
- E.K. Jayaprakash (III CSE A)
- G.J. Lakshman (III CSE A)
- M. Kannan (III CSE A)
- Hariharan (ÌII CSE A)

#### **Coimbatore Institute of Technology**

- Electric Vehicles (1 Day)
  - 3 Students from II CŠÉ B & 13 Students from II CSE A
- Start Up Machine Learning (1 Day)
  - 2Students from II CSE B

#### Velammal Institute of Technology

- UI/UX (1 Day)
  - 2Students from II CSE A

#### **DR.N.G.P Institute of Technology**

- Robotic Embedded C Programming for Microcontroller Application (1 Day)
  - 8 students from II CSE A
- Mastering Gen Al Tools (1 Day)
  - 2 Students from II CSE A
- Deep Learning and Large Language Learning (1 Day)
  - o 9 Students from II CSE B
- Angular Renaissance (1 Day)
  - 2 Students from II CSE A)

#### **Bannari Amman Institute of Technology**

- Angular Renaissance (1 Day)
  - 26 Students from II CSE B & 2Students from II CSE A

#### **SRM Institute of Science & Technology**

- Auditing the Smart Contract Security (2 Days)
  - Ajith P (II CSE A)

Sri Krishna Institutions

- Revolution in Retail & Fashion: Next Gen Shopping Experiences Powered by Generative AI (1 Day)
  - 4 Students from II CSE A

#### **PSG ITECH**

- Al & ML: Deep Dividing into Deep Learning (2 Days)
  - 6 Students from II CSE A
- Metaverse-VR (2 Days)
  - 2 Students from II CSE A
- Deep Learning (2 Days)
  - Alok Ranjan (II CSE A)
- BASH BLISS (Shell Scripting with Linux, 2 Days)
  - Pradeep K, Lokesh K, Yeshwanth S (II CSE B)

#### **Madras Institute of Technology**

Rapid Prototype 3D Printing (1 Day)

 Sanjay R, Nithyanathan G, Monish B, Praveen S, Vishal Kumar Yadav (II CSE B)n R, Hari K (II CSE A)

# Journal publications by the faculty

Ms. T. Kalai Selvi, AP (SLG-I)/CSE

- Paper: Customer Segmentation in IT Sector using Datamining Techniques
- Journal: Journal of Artificial Intelligence and Capsule Networks
- **Details:** March 2024, Vol. 6, Issue 1, Pages 15-26, DOI link, Published: 13.02.2024

Mr. E. Loganathan, Assistant Professor/CSE

• Paper: Accident Prevention and Traffic Control at Hill Stations using Machine Learning & IoT

• Journal: Journal of IoT in Social, Mobile, Analytics, and Cloud

- **Details:** Dec. 2023, Vol. 5, Issue 4, ISSN: 2582-1369
- **Paper:** Exploration of Machine Learning Model for Diabetes Prediction
- Journal: Journal of Artificial Intelligence and Capsule Networks
- **Details:** March 2024, Vol. 6, Issue 1, ISSN: 2582-2012
- **Paper:** A Survey on Efficient Analysis of Soft Tissues Tumors using Machine Learning
- Journal: Journal of Artificial Intelligence and Capsule Networks

Ms. Kowsalya M, Assistant Professor/CSE

• **Paper:** Designing and Validating an MD5 Hash Algorithm Using the UVM Verification Framework and Checkers

• Journal: IEEE Xplore

• **Details:** DOI: 10.1109/ICCCNT56998.2023.10307798

Mr. M. Sakthivel, Assistant Professor/CSE

• **Paper:** Improving Accuracy of Sensor Data by Frequent Pattern Mining Algorithm Using Edge Computing

• Journal: IRO Journals

• **Details:** ISSN: 2582-3167

• **Paper:** An Empirical Investigation of Docker Socket for Privilege Escalation and Defensive Strategies

• **Journal:** Procedia Computer Science

- **Details:** Vol. 233, 2024, Pages 660-669, DOI: 10.1016/j.procs.2024.03.255
- **Paper:** Secure and Customized Social Media Data Sharing and Ranking Recommendations

• Journal: International Research Journal of Innovations in

Engineering and Technology

• **Details:** Vol. 8, Issue 3, pp 294-299, March 2024, ISSN (online): 2581-3048

Mr. D. Vaduganathan, Assistant Professor/CSE

- Paper: Al-Based Identification of Students Dress Code in Schools and Universities
- Journal: Journal of Information Technology and Digital World

• **Details:** ISSN: 2582-418X

Dr. G. Sivakumar, Professor/CSE

- Paper: Deep Learning Based Detection of Cardiovascular Defect Patients
- **Journal:** International Journal on Recent and Innovation Trends in Computing and Communication

• **Details:** ISSN: 2321-8169, Vol. 11, Issue 11s, DOI link

- **Paper**: Plant Leaf Disease Prediction Based on Deep Learning Using U-net
- **Journal:** Int. J. of Intellectual Advancements and Research in Engineering Computations

• **Details:** ISSN: 2348-2079, Vol. 11, Issue 2

• Paper (with E. Loganathan): Enhanced Drug Recognition based on Decision Tree Optimized SVM

• **Journal:** Int. J. of Intellectual Advancements and Research in Engineering Computations

• **Details:** ISSN: 2348-2079, Vol-11(2) [46-54]

- Paper: Deep Learning Algorithms for Suicide Prediction Based on Bilateral Long-Term Memory Using Social Media Behaviour Dataset
- Journal: International Journal Of Innovative Research In Technologu

• **Details:** Vol. 9, Issue 11, ISSN: 2349-6002

 Paper: Suicidal Ideation Detection Using Machine Learning **Based Hubrid Techniques** 

• Journal: Int. J. of Intellectual Advancements and Research in **Engineering Computations** 

• **Details**: Vol. 11, Issue 2, ISSN: 2348-2079

#### Ms. S. Sree Vidhya, Assistant Professor/CSE

• Paper: Efficient Email Phishing Using Machine Learning

- Journal: International Journal of Research and Analytical Reviews
- **Details:** Vol. 10, Issue 2 (E-ISSN 2348-1269, P-ISSN 2349-5138)

#### Publications by the faculty members in national/international conferences Book chapters-published

- National Conference on Recent Trends in Artificial Intelligence and Soft Computing
- Venue: Bannari Amman Institute of Technology

• Date: 24.01.2024

#### Ms. S. Revathi, AP/CSE

- Ensuring Privacy In Wireless Channels With Physical Layer Security: A Survey Of Encryption Strategies
- Multi Sensor Integrated Navigation System Using Data Fusion
- Elliptic Curve Cryptography with Covert Timing Channel in Snapcatch: Machine Learning

#### Ms. T. Kalai Selvi, AP(SLG1)/CSE

Customer Identification In IT Sector Using Data Mining

• Heartbeat Detection in Wearable IoT Sensors Using Multimodal Data Fusion Techniques and Machine Learning Algorithms

• Enhancing Network Security in Hadoop-Based on Machine Learning and Deep Learning



Mr. D. Vaduganathan, AP/CSE

- Al Based Identification Of Students Dress Code In Schools And Universities
- Asset Marketplace in Digital Way Using Blockchain
- Blur Removal via Blurred Noisy Image Pair

#### Dr. G. Sivakumar, Professor/CSE

- Credit Card Fraud Detection Using Machine Learning
- Agriculture Crop Yield Prediction Using Machine Learning
- Video Anomaly Detection in Crime Analysis using Densenet

Ms. R. Punitha Gowri, AP/CSE

- Cloud Distribution Using Research Auto Scaling Platform (Not Published)
- UV-C Light Mobile Robotics System
- Decentralizing Healthcare and Security with Blockchain Technologu

Ms. M. Amshavalli, AP/CSE

- A Web Application for Medical Image Management and Encrypting an Image Using DNA Method
- Alert System to Prevent Drowning Using IoT
  Exploring the Role of Machine Learning in Enhancing Cloud Security Guide

Mr. U. Gowrisankar, AP/CSE

- Colorectal Cancer (CRC) Detection Using Deep Reinforcement Learning
- Predictive Modeling for Stock Market Price Movements Using Machine Learning
- Blockchain-Based Database Security Mechanism in Banking Cloud



Mr. M. Sakthivel, AP/CSE

• Enhancing Privacy in Social Media Data Sharing for Personalized Ranking Recommendations

• Lithofacies with Sparse Well Log Data Combined with Calculated

Attributes in a Gradational Fluvial Sequence

 Improving Accuracy of Sensor Data by Frequent Pattern Growth Algorithm using Edge Computing

Ms. M. Kowsalya, AP/CSE

- Predicting Students Performance Using Click Stream Data and Machine Learning
- Enhancing Image Analysis and Object Detection: Active Contour-Based Segmentation with Energy-Driven Precision
- Intrusion Detection of Imbalanced Network Traffic Based on Machine Learning and Deep Learning

Ms. T. Sowmiya, AP/CSE

- Person Re-Identification Using Convolutional Neural Network
- Perception and Sensing for Autonomous Vehicles Under Adverse Weather Conditions
- Harmonizing Cross View Image Transformation Through Local and Global Insights

Mr. E. Loganathan, AP/CSE

- Exploration of Machine Learning Model for Diabetes Prediction
- Efficient Analysis of Soft Tissues Tumors using Machine Learning
- Accident Prevention and Traffic Control in Hill Station using Machine Learning and IoT

### **Other Conferences**

Mr. M. Sakthivel, AP/CSE:

- An Empirical Investigation of Dockets for Privilege Escalation and Defensive Strategies
- Intelligent Communication Technologies and Virtual Mobile Networks
- Venue: Francis Xavier Engineering College
- Date: 11.03.2024 & 12.03.2024



#### Ms. T. Kalai Selvi, AP(SLG1)/CSE:

- GUI-Based Heart Disease Prediction using Deep Neural Networks
- Engineering and Technology and Science
- Venue: Muthayammal College of Engineering
- Date: 20.03.2024

#### Dr. G. Sivakumar, Professor/CSE:

 A Survey on Agriculture Crop Yield Prediction using Machine Learning

## **Book Chapter Published**

Ms. T. Kalaiselvi, AP(SLG1)/CSE and Mr. M. Sakthivel, AP/CSE has published a book Chapter titled "Serverless Computing Concepts, Technology and Architecture", IGI Global, 2024

#### **Books Published**

 Mr. M. Sakthivel, Assistant Professor, Department of CSE has published a book titled "Operating System", Book Rivers, ISBN: 978-93-5842-523-9, 2024

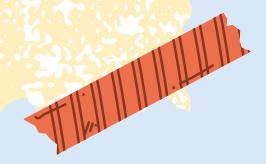
# FDPs /STTPs attended by the faculty ONLINE and OFFLINE

#### Ms. T. Kalai Selvi (AP SLG-I / CSE)

Data Handling and Visualization

 Venue: National Institute of Technical Teachers Training and Research (NITTTR), Chennai

• Duration: 5 Days



Ms. S. Revathi (AP / CSE)

Data Handling and Visualization

Venue: NITTTR, Chennai

Duration: 5 Days

Mr. R. Parthiban (AP / CSE)

- Modern Research Convergence in Next Generation Computing
- Venue: Sri Krishna College of Engineering and Technology

• Duration: 5 Days

Mr. M. Sakthivel (AP / CSE)

- Modern Research Convergence in Next Generation Computing
- Venue: Sri Krishna College of Engineering and Technology

Duration: 5 Days

- Innovation, Incubation & Research Challenges in India
- Venue: Sree Sakthi Engineering College, Coimbatore

Duration: 6 Days

#### Mr. U. Gowrisankar (AP / CSE)

Deep Learning

Venue: NITTTŘ, Chandigarh

• Duration: 5 Days

Ms. J. Rohini (AP / CSE)

- Al and Blockchain Driven Technology to Develop Robust and Secure Applications
- Venue: Sri Krishna College of Technology

Duration: 5 Days

• Web Application Framework

• Venue: NITTTR, Chennai

• Duration: 5 Days

#### Ms. S. Sree Vidhya (AP / CSE)

Cloud Infrastructure (AWS)

• Venue: Brainovision Solutións Private Ltd. and AICTE

• Duration: 5 Days



Ms. M. Amshavalli (AP / CSE)

Computational Thinking and Problem Solving

Venue: Amirta Vishwa Vidhapeetham University

Duration: 5 Days

# Workshop attended by the faculty ONLINE and OFFLINE

#### Ms. T. Kalai Selvi (AP SLG-I/CSE)

• Cuber Security -2023

• Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai – 14 Days

Al in Cybersecurity

JAIN (Deemed-to-be University), Global Campus – 1 Day

#### Ms. R. Punitha Gowri (AP/CSE)

- Introduction to Computational Social Science with Python
- NIT, Trichy 5 Days

#### Ms. S. Revathi (AP/CSE)

- Introduction to Computational Social Science with Python
- NIT, Trichy 5 Days

• Al in Cybersecurity

JAIN (Deemed-to-be University), Global Campus – 1 Day

ChatGPT: A Teaching and Learning Tool

• NITTTR, Chennai – 1 Dau

#### Mr. M. Sakthivel (AP/CSE)

Al in Cybersecurity

- JAIN (Deemed-to-be University), Global Campus 1 Day
- ChatGPT: A Teaching and Learning Tool

• NITTTR, Chennai – 1 Day

• Ethical Hacking & Cyber Security

• Sree Sakthi Engineering College – 1 Day

 Merging Trends In Precision Agriculture Using Deep Learning And IoT Technologies

• Kongu Engineering College – 2 Days

Industrial Applications of Generative AI

• Excel Engineering College – 1 Day



- Unleashing Innovative Technologies
- Holy Cross College, Trichy 2 Days
- Mixed Reality
- PSG College of Technology 3 Days
- iOS App Development
- Kongunadu College of Engineering and Technology 1 Day

#### Ms. J. Rohini (AP/CSE)

- Multi Media Forensics
- Top Engineers, Chennai 2 Days

#### Ms. S. Sree Vidhya (AP/CSE)

- Multi Media Forensics
- Top Engineers, Chennai 2 Days

#### Ms. M. Amshavalli (AP/CSE)

- ChatGPT: A Learning and Teaching Tool
- NITTTR, Chennai 1 Day

# Class wise toppers list

#### I Year - CSE A Section

- 1st Rank: R. Dharshini CGPA 9.19
- 2nd Rank: S. Chandran CGPA 9.15

#### **B** Section

- 1st Rank: K.M. Radhesh Kumar CGPA 9.36
- 2nd Rank: A. Mirra CGPA 9.16
- 2nd Rank: V. Vasanth CGPA 9.16

#### II Year – CSE A Section

- 1st Rank: M. Ariharan CGPA 9.14
- 2nd Rank: E.K. Jayaprakash CGPA 8.95

#### **B** Section

- 1st Rank: B. Pavithra CGPA 9.11
- 2nd Rank: K. Thirisha CGPA 9.00

#### III Year – CSE A Section

- 1st Rank: T. Annapoorna CGPA 8.87
- 2nd Rank: C. Aparna CGPA 8.81
- 2nd Rank: C. Aswitha CGPA 8.81



#### **B** Section

- 1st Rank: K. Naveenbharathi CGPA 9.24
- 2nd Rank: G. Mogesh CGPA 9.16

#### IV Year - CSE

- A Section
- 1st Rank: M. Jibin CGPA 9.12
- 2nd Rank: R. Indhu CGPA 9.00

#### **B** Section

- 1st Rank: S. Sowndharya CGPA 9.62
- 2nd Rank: V. Priyadharshini CGPA 9.00

# List of students placed - Details like Photo of the student, Name of the Company, package details



AAKASH BABU V COURSE5 INTELLIGENCE 3 LPA- 4 LPA

ABISRI M VERTICAL SOLUTIONS 1.91 LPA





ABITH A
JOB WORLD
2.29LPA-5LPA



AKILA S VERTICAL SOLUTIONS 1.91 LPA

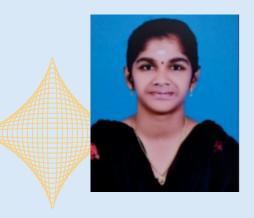
AMBIKA S WEBBREX 2.75LPA



ANBARASU E NCR 2.1LPA

ANNAPURNA.T COURSE5 INTELLIGENCE 3 LPA- 4 LPA





APARNA C TECHNOFORTE 3.6 LPA



**ASWITHA U** 

**HEXAWARE** 

4 LPA



ARUL BRUNO X

Q-GATE 2 LPA

BHUVANESHWARAN P NCR 2.1LPA



**BOOPATHIRAJAN S** JILABA SOFTWARE 3LPA













BRINDHA D JOB WORLD 2.29LPA-5LPA

DEEPAN K JOB WORLD 2.29LPA-5LPA





DEEPIKA N VERTICAL SOLUTIONS 1.91LPA

DEVENDHIRAN E DESICREW 1.02-2.5 LPA





DHAKCHINAMURTHI APPSCOMP 1.8 LPA

DHANUSH R JOB WORLD 2.29LPA-5LPA





DHANUSH M U DESICREW 1.02-2.5 LPA

DHARMESH KUMAR JOB WORLD 2.29LPA-5LPA





DHARUN KUMAR.K.V. NCR 2.1LPA

DIVYASAGAR SHIASHINFO SOLUTIONS 1.4LPA





DURGA K V VERTICAL SOLUTIONS 1.91LPA

ESAKKIMUTHU K JILABA SOFTWARE 3LPA





GOKULAKANNAN V Q-GATE 2 LPA

GOKUL RAJ R NCR 2.1 LPA





GOWRI SANTHYA S VERTICAL SOLUTIONS 1.91LPA

GUNASEKARAN V JOB WORLD 2.29LPA-5LPA





HARIDHARANI S JOB WORLD 2.9LPA-5LPA

HARISH ANAND M WEBBREX 2.75LPA



INDIRAJITH V JOB WORLD 2.29LPA-5LPA

JAGADEESH T TECHNOFORTE 3.6 LPA





JERRINE VARSHINI J JOB WORLD 2.29LPA-5LPA

KANAGALAKSHMI V ONEBILL SOFTWARE 6.5 LPA



Free Coupon



BHARATH SELVAN S NCR 2.1LPA

KARTHIK S TECHNOFORTE 3.6 LPA







KARTHIKEYAN B JOB WORLD 2.29LPA-5LPA

KAVINPRASANT K A SHIASH INFO SOLUTIONS 1.4LPA



KAVYA R WEBBREX 2.75LPA

KEERTHINIVAS S SHIASH INFO SOLUTIONS 1.4LPA





KIRAN G R JOB WORLD 2.29LPA-5LPA

KIRUBA K QUANTUMQ LABS 3 LPA



KOWSIK KUMAR.N NCR 2.1LPA

LOKESH R DESICREW 1.02-2.5 LPA





HAREESH KUMAR K QUANTUMQ LABS 3 LPA

MADHUMITHA. G Q-GATE 2 LPA



THARUN KUMAR A DESICREW 1.02-2.5 LPA

MEENA A VERTICAL SOLUTIONS 1.91LPA







MOGESH G CODINGMART TECHNOLOGIES 4.2 LPA

MOHANAPRIYA.D VERTICAL SOLUTIONS 1.91LPA





MURALITHARAN.S NCR 2.1 LPA



NANDHINI A CAREERPATH 1.8 LPA





#### NANTHAKUMAR K RENAULT NISSAN TECHNOLOGIES 4.25 LPA-4.75 LPA

NAVEEN BHARATHI K RENAULT NISSAN TECHNOLOGIES 4.25 LPA-4.75 LPA





NITHISH R COURSE5 INTELLIGENCE 3 LPA- 4 LPA

NITHYANANTHAN E DESICREW 1.02-2.5 LPA







NIVIN.G COURSE5 INTELLIGENCE 3 LPA- 4 LPA

OBATH SOLOMON M JOB WORLD 2.29LPA-5LPA





PAVIN ROHITH R JOB WORLD 2.29LPA-5LPA

POORNIMA K JOB WORLD 2.29LPA-5LPA





PRAVEEN KUMAR B DESICREW 1.02-2.5 LPA

RAGA KEERTHINI S V WEBBREX 2.75LPA



RANJITH P JOB WORLD 2.29LPA-5LPA

RATHINA SOWMIYA P JOB WORLD 2.29LPA-5LPA





RAVIKUMAR S DESICREW 2.29LPA-5LPA

SACHITHANANTHAM.M ZUCI SYSTEMS 4 LPA





SANJAY ARAVINDH M MAVENTIC SOLUTIONS 5 LPA

SATHIYA S JOB WORLD 2.29 LPA-5 LPA





SOWMIYA C FOXCONN 1.8 LPA



STALIN T C DESICREW 1.02-2.5 LPA



SUBHASHINI N S JOB WORLD 2.29LPA-5LPA



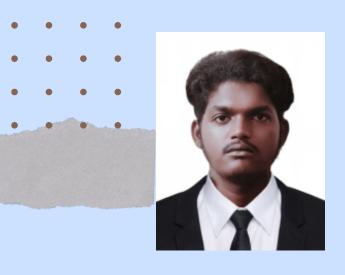


SUDHIR K DESICREW 1.02-2.5 LPA

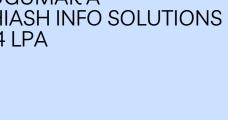








SUGUMAR A SHIASH INFO SOLUTIONS 1.4 LPA

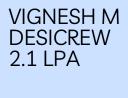


SANTHOSH S DESICREW 1.02-2.5 LPA





VIGNESH. G NCR 2.1 LPA









MADHANA GOPAL M DESICREW 1.02-2.5 LPA

VISHNUPRASATH S DESICREW 1.02-2.5 LPA



YASHIKA SRI P FOXCONN 1.8 LPA

RAGU VIJAY S P DESICREW 1.02-2.5 LPA





DHEVENDIRAN.M NCR 2.1LPA



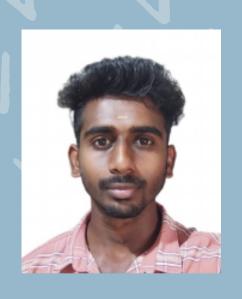


SANTHOSH P SKYRAAN TECHNOLOGIES 1.5-2.5 LPA









VINOTHKUMAR P DAXFO TECHNOLOGIES 3.5 LPA

# Glimpses of event organized by CSE



Intellectual property Rights and IP Management for startup on 02.03.2024. Resource Person: Mr.J.E.Moshe Dayan Faculty coordinator, IPR cell, PSNA College for Engg. & Tech.

P. Marie



Workshop on "Build Chat GPT using React JS" on 27.03.2024. Resource Person: Mr. Jegan David, Full Stack Instructor and Web development, Chennai



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One day Seminar on Ethical Considerations in Startup Development on 11.03.2024. Resource Person: Mr. Gowtham Krishnamoorthy, CEO of Nutz Technologies Pvt. Ltd., Erode



Two day workshop on "Animating Your Imagination- A 3D Animation workshop". Resource Person: Mr. P.Balakumar and A.R. Vigneshwar, Moving Frames Animation Institute, Chennai



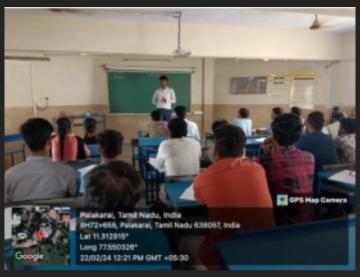


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Leader's Talk. Resource Person: Ms. Iswarya, HR Executive, Accenture, Bangalore





Leader's Talk. Resource Person: Mr. Mohanaraja, Team Lead, Accenture, Bangalore



Expert Lecture on Dataset Influence on Language Model for Gen AI & Prompt Engineering.Resource Person: Mr. Naveen Kumar S, Solution Architect, London Stock Exchange Group.



State Level Hackathon - Skillathon



Thuduppathi, Tamil Nadu, India
8H72+854. Thuduppathi, Tamil Nadu 638057, India
Lat 11:31381\*
Long 77:560446\*
Google 24/03/24 09:56 AM GMT +05:30

Value added Course on "MERN Stack"



International Conference on Intelligent Computing and Information Technology on 03-04.2024 and 04.04.20204





Career Guidance Programme on "Unlock your potential and reach your professional aspirations". Chief Guest: Dr. M. Gokuldev, Associate Professor, Vel Tech University, Chennai



Leaders Talk on Overview of How a Software Company functions & Overview on Cloud Computing from Both Conceptual & Practical Standpoint. Resource Person: Mr.Rajmohan Kathiresan, Senior Solutions Architect, Capillary Technologies, Bangalore

# VISION

 To evolve as a centre of excellence in the field of computer science and engineering to serve the challenging needs of industry and society

#### **MISSION**

- To impart fundamental Computer Science and Engineering concepts and a broad set of technical skills
- To impart practical exposure on latest technological developments in Computer Science and Engineering.
- To cultivate research culture and innovative technologies that contributes for sustainable development
- To inculcate professional, strong ethical values and leadership abilities in the young minds.

#### PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- **PEO1- CORE COMPETENCE:** Our Graduate will be Globally Competent Computer Science Professionals who would comprehend, understand, analyse and solve Engineering problems in order to cater to the needs of industry and society
- **PEO2- BREADTH**: Our Graduates will interact with their peers in multi-disciplinary environment in industry and society and contribute to the economic growth of the country.
- **PEO3- RESEARCH & INNOVATION**: Our Graduates will have the ability to adapt, contribute and Research, innovate new technologies and systems in the domain of Computer Science and Engineering
- **PEO4- PROFESSIONAL INTEGRITY:** Our Graduates will function in their chosen profession with ethics, social awareness and responsibility.

#### PROGRAM SPECIFIC OUTCOMES (PSOs)

- **PSO1:** Software Development Model: An ability to design a software project using Software Development Life Cycle process.
- **PSO2:** Advanced Technology Skills: An ability to develop application using Computing and Communication Technologies.
- **PSO3:** Personality Development: Able to inculcate Effective Communication, Team Work, Ethics and Leadership skills in a preparation for a successful career in Industry.



