

# ERODE SENGUNTHAR

## Engineering College

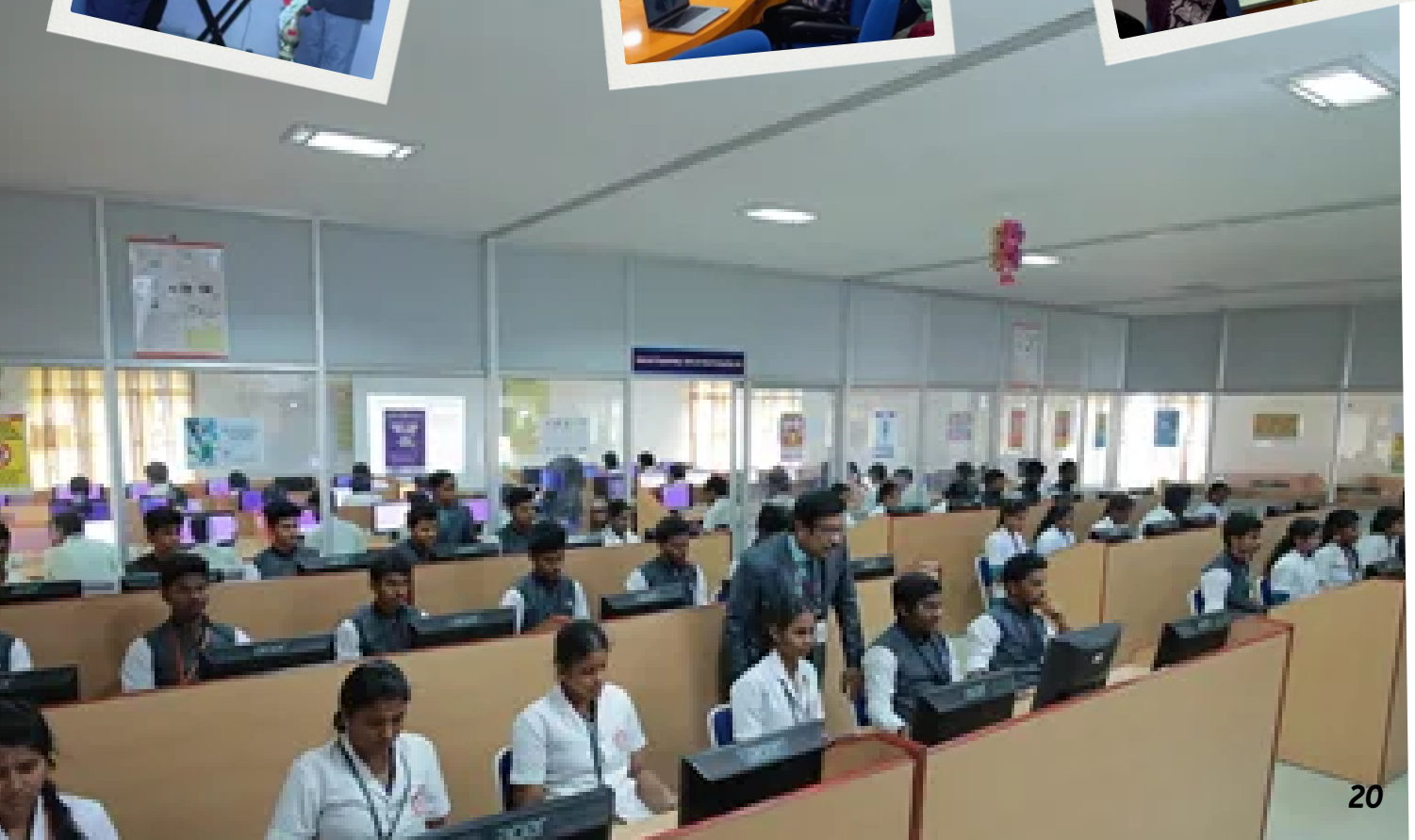
### Our Vision

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.



# ASSOCIATION ACTIVITIES

## Achievements – Department of Computer Science and Engineering (2024-2025)

### 1. Karpagam College of Engineering, Coimbatore (14.03.2025)

- Code Debugging: Selvan Pradeep Karnan (III Year) – Second Place, ₹1000
- Paper Presentation: Selvan Logavanan, Selvan Madhan Kumar, Selvan Yokesch (III Year) – Second Place, ₹1000
- Prompt: Selvan Srikrishna, Selvan Manoj Kumar (III Year) – Second Place, ₹750
- PromptX: Selvan Vishnu.V, Selvan Mohamed Irfan.M (III Year) – First Place, ₹1000

### 2. KPR College of Engineering, Coimbatore

- Canvascrew (Poster Designing) (14.03.2025): Selvan P.S. Krishnamoorthi, Selvan G.Kabilan (III Year) – Second Place, ₹750
- Codeathon (15.03.2025): Selvan S.Dinaker (III Year) – First Place
- Poster Designing (15.03.2025): Selvan Harivarsan.N.J, Selvan L.Deepak Kumar, Selvan M.Karthi (III Year) – First Place, ₹1000

### 3. National Engineering College, Kovilpatti (15.03.2025)

- Code Contest: Selvan Edwin Arul Solomon A.M (III Year) – First Place, ₹1000
- Dig the Bug (Debugging): Selvan Edwin Arul Solomon A.M (III Year) – First Place, ₹1000
- SQL Treasure Hunt: Selvan Edwin Arul Solomon A.M (III Year) – Third Place, ₹500

### 4. PSG College of Technology, Coimbatore (15.03.2025)

- Squid Tech Coding Hackathon: Selvan Sivanandh, Selvan Sivabharathi, Selvan Saran (III Year) – Second Place, ₹1000

### 5.Nehru Institute of Technology, Coimbatore (20.03.2025)

- Code Debugging: Selvan Radesh Kumar K.M (III Year) – First Place, ₹3000

### 6.KSR College of Technology, Thirchengode (28.03.2025)

- Codeathon “Neura-Code”:
- Selvan Chandiran S (III Year) – First Place, ₹5000
- Selvi Dharshini R (III Year) – First Place, ₹3000

### 7. Bannari Amman Institute of Technology, Sathyamangalam (05.04.2025)

- Quiz Competition: Selvan Madhan Kumar S, Selvan Malaiyarasan P (II Year) – Second Place, ₹5000

### 8. Hindusthan College of Technology, Coimbatore (04.04.2025)

- Bug Bounty: Selvan Radesh Kumar, Selvan Vasanth (III Year) – Second Place
- Pixel Labs: Selvan Radesh Kumar, Selvan Vasanth (III Year) – Second Place

## **9. Hindusthan College of Technology, Coimbatore (04.04.2025)**

- Bug Bounty: Selvan Radesh Kumar, Selvan Vasanth (III Year) – Second Place
- Pixel Labs: Selvan Radesh Kumar, Selvan Vasanth (III Year) – Second Place

## **10. Product Launch**

- Software Product: “CO-PO Attainment” launched by Selvan Hariharan K, Selvan Jayaprakash E.K, Selvan Kannan M, Selvan Kavibharathi A, Selvan Lashman G.J (Final Year).

## **ACHIEVEMENTS**

- Selvan Chandiran.S of III year Computer Science and Engineering has Participated in Codewars event organized by PSG I Tech, Coimbatore on 14.03.2025 and won Second Place with cash prize of Rs.1000/-
- Selvi Dharshini.R of III year Computer Science and Engineering has Participated in Codewars event organized by PSG I Tech, Coimbatore on 14.03.2025 and won Third place Place with cash prize of Rs.500/-
- Selvan S.K.Began and Selvan S.Dinaker of III year Computer Science and Engineering has Participated in Cdeathon event organized by KPR College, Coimbatore on 14.03.2025 and won Second Place with cash prize of Rs.750/-

## **DETAILS OF PAPER PRESENTED BY THE STUDENTS ONLINE AND OFFLINE**

- A total of 8 students attended and presented papers at Kongu Engineering College, Erode, on 07.02.2025.
- Six students from Nandha Engineering College, Erode, participated in an event that took place from 27.02.2025 to 28.02.2025.
- Five students represented KPR Institute of Engineering and Technology, Coimbatore, at an event on 28.02.2025.
- One student from Kongu Engineering College, Erode, presented on 05.03.2025.
- Three students from Hindusthan Institute of Technology, Coimbatore, took part in the "Artificial Intelligence Insights" event held on 14.03.2025.
- three students from Karpagam College of Engineering, Coimbatore, attended the event held from 13.03.2025 to 15.03.2025.



## ***PARTICIPATION BY STUDENTS IN SEMINAR/NATIONAL/INTERNATIONAL CONFERENCES ONLINE AND OFFLINE***

- Six students attended the National Level Seminar on "Revolutionizing Agriculture with Machine Learning" held at Karpagam Institute of Technology, Coimbatore, on 12.02.2025.

## ***INTERNSHIP TRAINING ATTENDED BY THE STUDENTS***

- Sethumanokaran P from IV-CSE completed an internship at Techvolt Software Pvt. Ltd., Coimbatore, from 16.12.2024 to 31.03.2025.
- Thirteen students from II CSE B underwent internship training at the same company from 10.02.2025 to 28.02.2025.

## ***JOURNAL PUBLICATIONS BY THE FACULTY***

- Kowsalya M presented a paper titled "A Secure Transform-Domain Watermarking Framework Using Fractional Wavelet Transform and Hybrid Sparse Coding Optimization" at the 4th IEEE International Conference on Distributed Computing and Electrical-Electronic Circuits (ICDCECE-2025), held on 25th and 26th April 2025.

## ***PUBLICATIONS BY THE FACULTY MEMBERS IN NATIONAL/INTERNATIONAL CONFERENCES BOOK CHAPTERS - PUBLISHED***

### **1. Revathi S**

- **Presented:** "Advanced Computational Techniques for Sign Language Gesture Interpretation"
- **Conference:** Second International Conference on Advanced Innovation in Technologies
- **Venue:** Arifa Institute of Technology, Esanoor, Keelaiyur Post, Thirukkuvalai Taluk, Nagapattinam District, Tamilnadu
- **Date:** 28.02.2025



## 2. Thirumurgan M

- **Presented:** "AloT Based Biogas with Advanced Feature in Farm Land"
- **Conference:** 5th National Conference on Recent Advances in Technology & Engineering (CRATE-2025)
- **Venue:** VEMU Institute of Technology Autonomous, P. Kothakota, Andhra Pradesh, India
- **Date:** 27-28 February 2025

## 3. Dr. G. Sivakumar

### Presented two papers:

- **"Deep Learning for Tomato Leaf Disease Detection: A Counting Sort Enhanced Approach"**
  - **Conference:** 2nd International Conference on Machine Learning and Autonomous Systems (ICMLAS) 2025
  - **Venue:** Stanford International University, Bangkok, Thailand
  - **Date:** 10-12 March 2025
- **"Automated Group Discussion Feedback and Scoring with AI"**
  - **Conference:** International Conference on Innovations in Engineering, Management and Science
  - **Venue:** RSP Conference HUB
  - **Date:** 31-1-25 and 1-2-25

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  - **Date:** 31-1-25 and 1-2-25

## PUBLICATIONS BY THE FACULTY MEMBERS IN BOOK CHAPTERS - PUBLISHED

- R. Parthiban authored the book "Block Chain Technology," published by Orange Book Publications (ISBN: 978-93-6554-287-5) in 2025. M. Sakthivel published "Introduction to Cryptography" with Scientific International Publishing House (ISBN: 978-93-6674-627-2) in 2025.
- Mr. U. Gowrishankar wrote "Neural Networks," published by Alpha International Publication (ISBN: 978-93-5762-268-4) in February 2025.
- Mr. Vaduganthan D contributed the book "Healthcare AI: Integration of the Internet of Things and Machine Learning: Design Models, Architectures and Applications" through Press BookChapters (ISBN: not specified) in February 2025.

## FDPS /STTPS ATTENDED BY THE FACULTY ONLINE AND OFFLINE

- Kalai Selvi T participated in several Faculty Development Programs (FDPs) in 2025, including the ATAL FDP on "Empowering Society: Leveraging Advanced Communication Technologies for a Connected and Resilient Future" at Velalar College of Engineering and Technology from 27.01.2025 to 01.02.2025; a Professional Development Program (PDP) on "Blockchain Technologies" at the National Institute of Technical Teachers Training and Research, Chennai, from 03.02.2025 to 07.02.2025; an FDP on "Data Science in Education: Learning Analytics and AI-Driven Personalization" at K.S.R. College of Engineering, Tiruchengode, from 20.02.2025 to 24.02.2025; and the Online Winter FDP on "Data Sciences for ALL" organized by Electronics & ICT Academy NIT Warangal under the Ministry of Electronics and Information Technology, New Delhi, from 24.02.2025 to 06.03.2025.



- Sakthivel M attended FDPs on "Effective Funding and Consultancy Proposal Writing" at NITTTR Chennai from 27.01.2025 to 31.01.2025, "Metaverse in Digital Healthcare: New Frontiers and Design Thinking" at Dr. N.G.P. Institute of Technology, Coimbatore, from 17.02.2025 to 22.02.2025, "Blockchain Technologies" at NITTTR Chennai from 03.02.2025 to 07.02.2025, "AI in Cyber Security" at Marco Institute of Technology, Rajapalayam, from 17.02.2025 to 21.02.2025, and "Innovative Teaching Pedagogy Skill Component of NEP" at REC Jacob Christian Memorial College from 01.03.2025 to 05.03.2025.
- Amshavalli M participated in FDPs at ICTEA– College of Engineering & Management, Kolaghat, from 06.01.2025 to 10.01.2025, and at United Institute of Technology, Coimbatore, on 28.03.2025.
- Vaduganthan D attended an FDP on AI Tools at Brain Vision Solutions Pvt Ltd from 17.02.2025 to 21.02.2025.
- Revathi S participated in the Online AI Conclave organized by AWS on 30.01.2025.
- Thirumurugan V attended several programs, including "AI Tools" at Anjuman Institute of Technology and Management, Bhatkal, and Brainovision Solutions India Pvt Ltd, AICTE, from 17.02.2025 to 21.02.2025; "Generative AI – Unlock the Future of AI Creativity" at KPR Institute of Engineering and Technology from 14.02.2025 to 15.02.2025; and two Gen AI Masterclasses by AcceleratorX, specializing in working efficiently with GenAI on 07.01.2025 and building your own AI agent on 11.01.2025.

## **ACADEMIC ACHIEVEMENT BY FACULTY MEMBERS WHO HAVE PRODUCED 100%, 96 TO 99% AND 91% TO 95% RESULT**

- Sakthivel M handled the subject "High Performance Computing" for VII CSE, with 129 students appearing for the exam and 128 passing, resulting in a pass percentage of 99%.
- Revathi S taught "Augmented Virtual Reality" for VII CSE, where again, 129 students appeared and 128 passed, reflecting a 99% pass rate.
- Punitha Gowri R was responsible for "Data Structures" for III CSE, with 128 students appearing and 127 passing, achieving a pass percentage of 99.21%.

## **YOUTUBES VIDEOS DEVELOPED:**

- Kalai Selvi T created a video titled "C Programming" for the course "Advanced C Programming."
- Sakthivel M developed a video titled "Software Quality" for the course "Software Quality Assurance."
- Parthiban R produced the video "Frontend Development using HTML, CSS & JavaScript" for the "Web Technology" course.

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- Punitha Gowri R contributed a video named "Introduction to Cryptography" for "Cryptography and Network Security."
  - Vaduganathan D prepared a video titled "Java Concepts" for "Object Oriented Programming,"
  - Revathi S created a video on "Security Concepts" for the course "Cryptography, Network and Security."

- Radesh Kumar K.M: First rank, VI semester B.E CSE (III year), CGPA 8.96
- Sahana S: Second rank, VI semester B.E CSE (III year), CGPA 8.87
- Meenambikai: First rank, IV semester B.E CSE (II year), CGPA 9.05
- Karunya: Second rank, IV semester B.E CSE (II year), CGPA 8.65
- Pravarathini: First rank, IV semester B.E CSE (II year), CGPA 9.25
- Thirisha: Second rank, IV semester B.E CSE (II year), CGPA 9.45

## **BEST OUTGOING STUDENT**

- Sangeetha V from VIII CSE-B (IV year) achieved a CGPA of 8.98 and secured the first rank.

## **CLASS WISE TOPPERS LIST**

- Ariharan M: First rank, VII semester B.E CSE (IV year), CGPA 9.05
  - Abirami S: Second rank, VII semester B.E CSE (IV year), CGPA 8.77
  - Nivitha Devi S: First rank, VII semester B.E CSE (IV year), CGPA 9.23
  - Pavithra B: Second rank, VII semester B.E CSE (IV year), CGPA 9.05
  - Dharshini R: First rank, VI semester B.E CSE (III year), CGPA 9.57
  - Boomika M: Second rank, VI semester B.E CSE (III year), CGPA 9.05
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### **13. LIST OF STUDENTS PLACED - DETAILS LIKE PHOTO OF THE STUDENT, NAME OF THE COMPANY, PACKAGE DETAIL**



Kavi Bharathi.A  
Webbrax,Chennai - 3.6



Thenmozhi S  
Hexaware Technologies,Chennai - 4LPA



Sohail Akthar  
Codingmart Technologies,Coimbatore - 4LPA



Nandesswaran  
Nova Sofwtare,Banglore - 2.8LPA







Divakaran.S.M  
QuantumQLabs,Chennai - 2.5 LPA



Ruthik  
Dotsitio,Kangeyam - 5LPA



Tharun  
Expelo,Chennai- 3LPA



Paramesh kumar  
Expelo,Chennai - 3LPA



Prathap V  
Daxfo Technologies,Chennai - 3LPA



Praveen S  
Bytes Technology - 3LPA



Nivitha Devi  
Omsys Technology - 3.5LPA



Krishnakumar M  
Dmex Pro Solutions - 3LPA



Balasubramaniam  
Pro Future - 3LPA



Gulam Juned Gisti  
Daxfo - 3LPA





Manish Kumar  
CTS - 4LPA



Monika  
Uniflyn - 3LPA



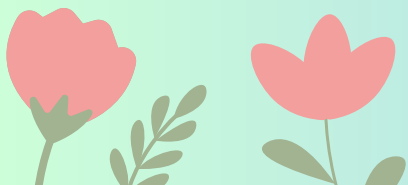
Simpal Kumari  
Internship-LEARN TechZO - 3LPA



Vinoth K  
MD Info Tech,Erode - 3LPA



Prathap V  
Daxfo Technologies,Chennai - 3LPA



Nagulan A  
MD Info Tech,Erode - 3LPA



Chandu Kumar  
Jilaba Software,Chennai - 3LPA



Ariharan  
Bytes,Coimbatore - 3LPA



Jayaprakash M  
EPIC Solutions,Chennai - 3LPA



Gokul Sri G  
Frame Group of Resorts,Nilgiris - 2.6LPA





Sithara Shahanas M  
Frame Group of Resorts, Nilgiris - 2.6LPA



Rithika Devi M  
Frame Group of Resorts, Nilgiris - 2.6LPA



Sobiya Agneeshwari K  
Keltro Group of Company, Ernakulam - 3LPA



Md Arif Reza  
Elfinity Technology, Bangalore - 3LPA



Aditya Baibhav  
Job World, Bangalore - 2.5LPA-2.9LPA





Abinayasri B  
Job World,Banglore - 2.5LPA-2.9LPA



S J Gobika  
Job World,Banglore - 2.5LPA-2.9LPA



Manikandan V  
Thirumoolar IT Solutions,Chennai - 4.2LPA



Nithish Kumar  
TATA Electronics -stipend 10,000



Selvan M  
Q-Gate,Chennimalai - 2.4 LPA





Sudharsan R  
Q-Gate,Chennimalai -2.4 LPA



Abul Hassan S  
Q-Gate,Chennimalai - 2.4 LPA



Siddharth T  
Q-Gate,Chennimalai - 2.4 LPA



Deeksha R  
Q-Gate,Chennimalai - 2.4 LPA



Bincy s  
Q-Gate,Chennimalai - 2.4 LPA



Keerthika A  
Q-Gate,Chennimalai -2.4 LPA



Thenmozhi  
Framegroup - 2.6 LPA



Karthikyeen  
Framegroup - 2.6 LPA



Ramya  
Framegroup - 2.6 LPA



Rithika Devi  
Webbrex,Chennai - 3.12 LPA





Najir Hussain  
Migti Industrial Pvt Ltd, Noida - 3 LPA



Sethu Manokaran  
Techvolt Software Pvt Ltd, Coimbatore - 3 LPA



Thirisha  
Wogle Tech, Bangalore - 3-6 LPA



Rashika  
Whole Tech - 3-6 LPA



Naveenkumar  
Keenminds Solutions, SSkulam - 3 LPA



Agalya  
Career Path,Banglore - 2.4 LPA



Kavitha  
Career Path,Banglore -2.4 LPA



Pavithra B  
Career Path,Banglore - 2.4 LPA



Sarbeesh  
Career Path,Banglore - 2.4 LPA



Abirami s  
NCR Corporation,Chennai - 2.8 LPA







Shivani Kumari  
NCR Corporation, Chennai - 2.8 LPA



Kushbu Kumari  
NCR Corporation, Chennai - 2.8 LPA



Deepak Kumar  
NCR Corporation, Chennai - 2.8 LPA



Abhijit Kumar  
NCR Corporation, Chennai - 2.8 LPA



Dheena R S  
NCR Corporation, Chennai - 2.8 LPA



chandra Kishore M  
NCR Corporation,Chennai - 2.8 LPA



Ananth M  
NCR Corporation,Chennai - 2.8 LPA



Adhikesavan  
NCR Corporation,Chennai - 2.8 LPA



Ishant Kumar  
NCR Corporation,Chennai - 2.8 LPA



Jayanth K  
NCR Corporation,Chennai - 2.8 LPA





Yuvan Ambani  
NCR Corporation, Chennai - 2.8 LPA



Sankar R  
NCR Corporation, Chennai - 2.8 LPA



Raja Sekar  
NCR Corporation, Chennai - 2.8 LPA



Rahul kumar  
NCR Corporation, Chennai - 2.8 LPA



Satheesh K  
Vyoog Pvt Ltd, Coimbatore - 1.8 LPA



Sarnanth  
Right Angle Solutions,Koduvai,Erode - 2.7 LPA-3.1 LPA



Aravind SV  
Right Angle Solutions,Koduvai,Erode - 2.7 LPA-3.1 LPA



Sangeetha  
Skyraan Technologies,Coimbatore - 2.1 LPA



Shajan  
TERV-Top Freshers,Chennai - 3.5LPA



Logeshwar  
Skyraan Technologies,Coimbatore - 2.1 LPA





Abul Hassan S  
NCR Corporation, Chennai - 2.8 LPA



Gokul P  
NCR Corporation, Chennai - 2.8 LPA



Pavish P  
NCR Corporation, Chennai - 2.8 LPA



Sathish Kumar  
NCR Corporation, Chennai - 2.8 LPA

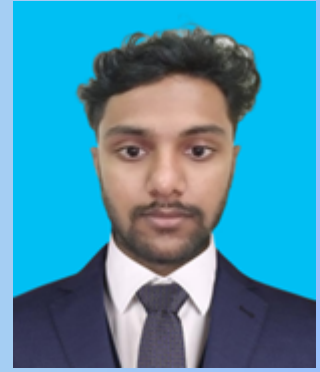


Venkatragahavan  
NCR Corporation, Chennai - 2.8 LPA





Ruthick  
TERV-Top Freshers,Chennai -3.5LPA



Keerthika  
TERV-Top Freshers,Chennai - 3.5LPA



Sudharsan  
TERV-Top Freshers,Chennai - 3.5LPA



Zaki Ahmed  
TERV-Top Freshers,Chennai - 3.5LPA

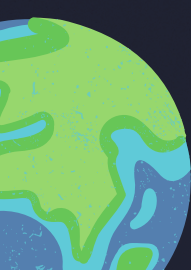





## **VISION**

**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.**
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## **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 and 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 (PSO)**

- 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.

## **EDITORIAL BOARD**

**Ms. M.Sakthivel AP/CSE**

**Mr. D.Vaduganathan AP/CSE**

**Mr. Pradeep K, III CSE**

**Mr. Saran A, III CSE**

**Mr. Yeswanth S, III CSE**