

CSE PLUG IN

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VISION OF THE INSTITUTION

TO MAKE THE INSTITUTION THE UNIQUE OF ITS KIND IN THE FIELD OF RESEARCH AND DEVELOPMENT ACTIVITIES IN THE PART OF THE WORLD

MISSION OF THE INSTITUTION

TO IMPART HIGHLY INNOVATIVE AND TECHNICAL KNOWLEDGE TO THE URBAN AND UNREACHABLE RURAL STUDENT FOLKS THROUGH "TOTAL QUALITY EDUCATION".

QUALITY POLICY

COMMITTED TO IMPART QUALITY TECHNICAL EDUCATION IMBIDED WITH PROFICIENCY, HUMAN VALUES AND CONTINUAL IMPROVEMENTS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VISION OF THE DEPARTMENT

TO MAKE THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING THE UNIQUE OF ITS KIND IN THE FIELD OF RESEARCH AND DEVELOPMENT ACTIVITIES IN THIS PART OF WORLD.

MISSION OF THE DEPARTMENT

TO IMPART HIGHLY INNOVATIVE AND TECHNICAL KNOWLEDGE TO THE URBAN AND UNREACHABLE RURAL STUDENT FOLKS IN COMPUTER SCIENCE AND ENGINEERING THROUGH "TOTAL QUALITY EDUCATION".



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PROGRAM EDUCATIONAL OBJECTIVES

PEO1

Apply the necessary mathematical tools and fundamental knowledge of computer science & engineering to solve variety of engineering problems

PEO2

Develop software based solutions for real life problems and be leaders in their profession with social and ethical responsibilities

PEO3

Pursue life-long learning and research in selected fields of computer science & engineering and contribute to the growth of those fields and society at large.

PROGRAM SPECIFIC OUTCOMES

PSO1

Professional Skills: The ability to understand, analyze and develop computer Programs in the areas related to algorithms, system software, multimedia, web design, big data analytics, and networking for efficient design of computer-based systems of varying complexity

PSO2

Problem - Solving Skills: The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering was established in the year 1998 with the initial intake of 40. The primary objective of our department is to provide "Total Quality Education" in the field of information and Communication Engineering, amid 120 students per year. Computer Science & Engineering, a dazzling department for ever is always a forerunner in impacting innovative & technical knowledge to the aspirants. The Department of Computer Science and Engineering has excellent infrastructure facilities and is powered with the highly sophisticated lab with the higher configuration systems and servers with recent software updated to meet the demands of the IT industry, Research and Development organizations and computer related areas. The Department offers an excellent academic environment with a team of highly qualified faculty who are technically sound and talented persons. Our faculty members monitor student's performance regularly and give moral support and motivation to them. Our Department has a separate association called CYBER-HEFT through which we conduct various technical events to students.

HOD'S MESSAGE

"Technology is the driving force behind the evolution of our world, and at the Department of Computer Science and Engineering, we are committed to nurturing the next generation of innovators, problem-solvers, and leaders who will shape the future. As we stand at the intersection of cutting-edge research and real-world applications, our mission is to empower students with the knowledge, skills, and mindset to tackle global challenges and create transformative solutions.

This tech magazine serves as a testament to the incredible advancements and ideas emerging from our vibrant community. It is a platform to celebrate creativity, collaboration, and the relentless pursuit of excellence. Let us continue to push boundaries, embrace curiosity, and harness the power of technology to build a smarter, more connected, and sustainable world.

To our students, faculty, and industry partners - your passion and dedication inspire us every day. Together, let's keep innovating, learning, and leading the way in the ever-evolving landscape of technology."

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

HEAD OF THE DEPARTMENT

Dr. A. Meenakshi, the Professor and Head of the Department, in the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar, has 25+ years of teaching experience in Computer Science and Engineering and has nearly 15+ years of research experience. She has completed her Masters of Engineering (in Computer Science and Engineering), from Anna University, Chennai and Ph.D (in information and Communication Engineering, in the field of Machine learning) from Anna University, Chennai. She has published 15+ publications in National and International journals and around 20+ papers in National and International conferences. She is the recognized supervisor under Information and Communication Engineering, Anna University, Chennai and guiding 7 research scholars. Her area of interests include Big data analytics, Machine learning and deep learning. She is a member of Computer Society of India (CSI) and life time member of Indian Society for Technical Education (ISTE).





DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Journal Publications by Faculty members

| S.No. | Name of the Faculty with Co-Authors | Title of the Paper | Title of the Journal and DOI No. |
|-------|---|---|---|
| 1 | Dr. R. Ramya, ASP/CSE Materials Research Express | Tensile Strength Prediction in Monel 400 Weldments Using Classification and Regression Algorithms in Machine Learning | Materials Research Express & DOI 10.1088/2053-1591/ad87b1 |



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty acting as Editorial Board Members in Journals

| S. No. | Name of the Faculty | Title of the Journal | Publisher | Editor/Special Issue Editor/Associate Editor/Reviewer |
|--------|-------------------------|--|-----------------------------|---|
| 1. | Dr. R. Ramya ASP/CSE | Network: Computation in Neural Systems | Taylor & Francis | Reviewer |
| 2. | Dr. R. Ramya ASP/CSE | Journal of Advances in Information Technology | Engineering & Technology | Reviewer |



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Report on Staff Development Programme FDP/Workshop/Seminar attended by Faculty members

| S.No. | Name of the Faculty | Name of the Programme | Date | Organizing Institution |
|-------|-------------------------|--|--------------------------------|---|
| 1 | Dr.A.Anandh, ASP/CSE | One week International FDP program on "Cutting- Edge Technologies in Computer Science" | 23.09.2024 to 29.09.2024 | Easwari Engineering College, Chennai |
| 2 | Dr.R. Ramya, ASP/CSE | One week International FDP program on "Cutting- Edge Technologies in Computer Science" | 23.09.2024 to 29.09.2024 | Easwari Engineering College, Chennai |



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| S.No. | Name of the Faculty | Name of the Programme | Date | Organizing Institution |
|-------|-----------------------------|---|--------------------------------|---|
| 3 | Mrs. M.Mohana, AP/CSE | One Week International Faculty Development Programme on "Cutting-Edge Technologies in Computer Science" | 23.09.2024 to 29.09.2024 | Marcello Tech, Trichy |
| 4 | Mrs. M.Mohana, AP/CSE | Online Faculty Development Program on "CLOUD COMPUTING TOOLS" | 15.10.2024 to 19.10.2024 | Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur |



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| S. No. | Name of the Faculty | Name of the Programme | Date | Organizing Institution |
|--------|-------------------------------|---|--------------------------------|--------------------------------|
| 5 | Ms. S. Athilakshmi, AP/CSE | One week Internship programme QuickStart Data Science | 30.09.2024 to 07.10.2024 | Marcello Tech, Trichy |
| 6 | Dr.A Anandh, ASP/CSE | FDP on Smart Intelligence: CuttingEdge Trends and Practical Applications of AI | 15-10-2024 to 19-10-2024 | IIC, Karunya Deemed University |

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VAC/FDP/Workshop/Seminar/Conferences/Guest Lectures organized VAC 2024-2025 ODD

| S. No. | Name of the Programme | Date | No. of Participants | Resource Persons/ Chief Guest | Coordinators |
|--------|--|------------|---------------------|--|--|
| 1 | Alumni Interaction on "Project-based learning" | 04.09.2024 | 62 | Mr.Yashwant Ram, HCLTech, Madurai | Mrs.K.Muthu lakshmi & Mrs.T.Divya |
| 2 | Guest lecture on Leveraging AI Tools for Enhanced Project Report Writing: Innovations and Strategies | 20.09.2024 | 74 | Mrs.S.Parameshwari Thiagarajar College of Engineering and Technology | Ms.S.Janani Mrs.K.Leelarani Ms.K.Priya dharshini |

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

| S. No. | Name of the Programme | Date | No. of Participants | Resource Persons/ Chief Guest | Coordinators |
|--------|---|--------------------------------|---------------------|---|--|
| 3 | International Technical Colloquium on "Exploring Computational Intelligence in Deep Learning: Emerging Trends and Real-Time Applications" | 09.09.2024 to 13.09.2024 | 197 | 1 Dr. Synthiya Vinothini, Associate Research Lead at Pruvity HR Solutions, Madurai, 2. Dr. J. Jesu Vedha Nayahi, Senior Assistant Professor at Anna University Regional Campus, Tirunelveli 3. Dr. Rolou Lyn R. Maata, Associate Professor and Research Coordinator from Gulf College, Muscat | Mrs.S.Athi lakshmi, Ms.S.Janani & Mrs.K.Leelarani |



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

OTHERS:

Dr. A. Meenakshi, Head of the Department of Computer Science and Engineering, served as an Academic Jury Member for the ICT Academy Youth Talk 2024 Prefinal Round in the Madurai Region, held on October 15, 2024, at S. Vellachami Nadar College, Madurai.

Youth Talk 2024 Achievements:

- R. Aaditi (II CSE), Kowshalya P (II CSE), Idhayanila V P (II CSE), and Sibi Suraj V (III CSE) have been shortlisted in the prelims of Youth Talk and are advancing to the finale.
- V. Sibi Suraj (III CSE) is among the top 10 finalists out of 100 participants in Youth Talk 2024, conducted by ICT Academy, Tamil Nadu.

Research & Proposal Submissions:

- The CSE department has submitted 30 proposals to MSME.

STUDENT ACHIEVEMENTS:

Sports:

- T. B. Praveen Kumar (III CSE-A) won Second Place and a cash award of Rs. 30,000 in the CM Trophy Cricket Match.
- Gokulakannan (III CSE-A) secured First Place in the Anna University 17th Zone Intercollegiate Volleyball Tournament (Boys).
- T. B. Praveen Kumar (III CSE-A) and Balashanmugam (III CSE-C) secured First Place in the Anna University 17th Zone Intercollegiate Cricket Tournament.



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Technical Achievements:

- Divya S & Nithya T (III CSE-A) won First Prize in the Divide and Conquer contest at Mepco Schlenk Engineering College, Sivakasi.

FACULTY ACHIEVEMENTS & RECOGNITIONS:

Copyright Registration:

- Dr. R. Ramya, Mr. D. Asir, and Ms. D. Pradhiba registered a copyright titled "Linear Data Structures Spark Quest: Igniting Learning Via Case Studies", dated 26/09/2024 (Registration Number L-154636/2024).

NPTEL Certification Achievements:

- Dr. A. Anandh, ASP/CSE, successfully completed the NPTEL online course "Data Science for Engineers" and achieved the Elite Category Distinction.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Placement 2021-2025 Batch

XMPLAR PLACED STUDENTS:

| S. No. | Roll Number | Name of the Student | Department |
|--------|-------------|---------------------|------------|
| 1 | 21UCS025 | JANA VIKRAM.K.M. S | CSE |
| 2 | 21UCS052 | YOGESHWARAN.R | CSE |
| 3 | 21UCS080 | RISHIKESH.C | CSE |
| 4 | 21UCS111 | ARUN KUMAR.K | CSE |
| 6 | 21UCS116 | KOUSHIKAN.S | CSE |

TRIVINE TECHNOLOGY PLACED STUDENT:

| S. No. | Roll Number | Name of the Student | Department |
|--------|-------------|---------------------|------------|
| 1 | 21UCS081 | ASATH SUGAINA.A | CSE |

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I-CHAINSYS PLACED STUDENTS:

| S. No. | Roll Number | Name of the Student | Department |
|--------|-------------|---------------------|------------|
| 1 | 21UCS002 | ABIRAMI.V | CSE |
| 2 | 21UCS109 | ARUL KUMARAN.S | CSE |
| 3 | 21UCS019 | DHANASEKARAN.M | CSE |
| 4 | 21UCS064 | BALAJI.J | CSE |
| 5 | 21UCS095 | JEMIMA.K | CSE |
| 6 | 21UCS108 | KAVIYA.K | CSE |
| 7 | 21UCS009 | NITHYA SRI.M | CSE |
| 8 | 21UCS044 | PUNITHA BRIDJITH.A | CSE |
| 9 | 21UCS102 | RAJA ASWIN.T | CSE |

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| | | | |
|----|----------|-------------|-----|
| 10 | 21UCS117 | SUGANESAN.D | CSE |
| 11 | 21UCS042 | THIRISHA.M | CSE |

CODING BEES PLACED STUDENTS:

| S. No. | Roll Number | Name of the Student | Department |
|--------|-------------|---------------------|------------|
| 1 | 21UCS122 | KARTHIKEYAN. T.S. | CSE |
| 2 | 21UCS071 | SURYA.A | CSE |

HEXAWARE PLACED STUDENT:

| S. No. | Roll Number | Name of the Student | Department |
|--------|-------------|---------------------|------------|
| 1 | 21UCS028 | VIGNESH KUMARAN.A | CSE |

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NOVACIS DIGITAL PLACED STUDENTS:

| S. No. | Roll Number | Name of the Student | Department |
|--------|-------------|---------------------|------------|
| 1 | 21UCS065 | AAKAASH KUMAR.M | CSE |
| 2 | 21UCS034 | NIRANJANA.P | CSE |
| 3 | 21UCS056 | KATHIRVELA | CSE |
| 4 | 21UCS058 | SRIRAM RATHINAVEL.P | CSE |

CLUSTREX PLACED STUDENTS:

| S. No. | Roll Number | Name of the Student | Department |
|--------|-------------|---------------------|------------|
| 1 | 21UCS067 | VASEEKARAN.S | CSE |
| 2 | 21UCS060 | RUTHICK SREE.S | CSE |

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Editorial Team

ADVISORY BOARD

*Mrs. E. VIJAYALAKSHMI ,
AP/CSE*

*Mrs. K. LEELA RANI,
AP/CSE*

STUDENT MEMBERS

MAHALAKSHMI P - III CSE

JOEL JONES J - III CSE

RAJESWARI H - III CSE