CSE PLUG IN

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY

(**An Autonomous Institution** · AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near **VIRUDHUNAGAR**).

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VOLUME 1 | ISSUE 1

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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

COMMITED 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 the variety of engineering problems

PEO2

PROGRAM EDUCATIONAL OBJECTIVES

Develop software based solutions for real life problems and be a 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

Profession 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 staffs 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 student.

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.
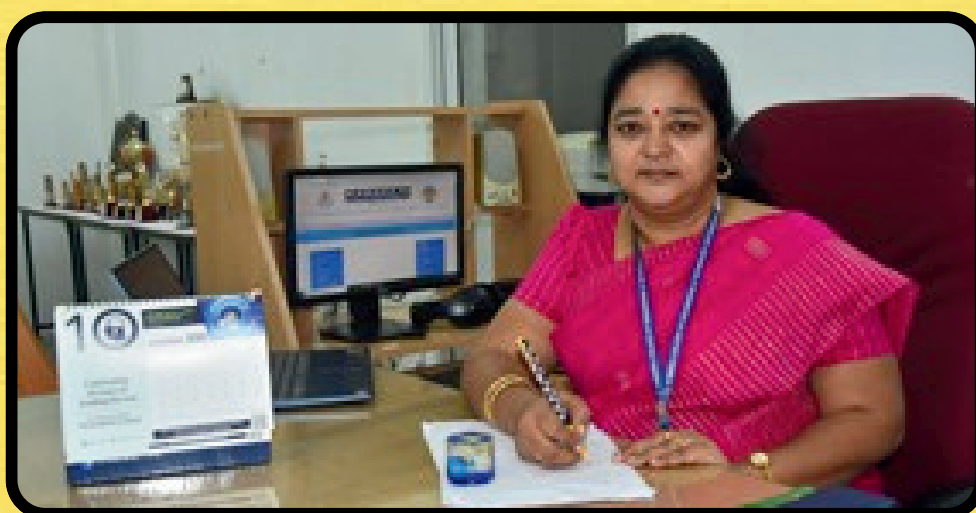
This tech magazine serves as a testament to the incredible advancements and ideas emerging from our vibrant community. It is a platform to celebrate creativity, collaboration, and the relentless pursuit of excellence. Let us continue to push boundaries, embrace curiosity, and harness the power of technology 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 Communication Engineering, in the field of Machine learning) from Anna University, Chennai. She has published 15+ publications in National and International journal and around 20+ papers in National and International conferences. She is the recognized supervisor under Information Communication Engineering, Anna University, Chennai and guiding 7 research scholars. Her area of interests include Big data analytics and Machine learning, 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

RESEARCH ACTIVITIES

Research Proposals Sanctioned/Submitted by faculty members

S. No.	Name of the Principal Investigator/ Co-Investigator	Project Title	Funding Agency	Project Duration	Project Status (Ongoing /Completed)
1	III CSE B Munees Kumar.B, Jogan Sridhar.B, Sam Prasith.R Project Mentor: Ms.S.Janani, AP/CSE	Realtime Disaster Information Aggregation Software	FAER scholar program 2024-25	6 months	Shortlisted
2	III CSE C George.S Srikanth.S Bhuvaneshwari.D Sharmila .P ProjectMentor: Ms.K.Leelarani, AP/CSE	Deep Chat	FAER scholar program 2024-25	6 months	Shortlisted

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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.	Mrs.X.Ignatius Selvarani, AP/CSE	One Week FDP on "Data Science using Python"	25.11.2024 to 29.11.2024	NITTTR, Chandigarh.
2.	Mr.D.Asir, AP/CSE	One Week FDP on "Data Science using Python"	25.11.2024 to 29.11.2024	NITTTR, Chandigarh.
3.	Ms. M. Mohana, AP/ CSE	" Recent Advancement in AI & IOT"	25.11.2024 to 30.11.2024.	Periyar Maniammai Institute of Science & Technology

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4.	Ms. K. Leelarani, AP/ CSE	" Recent Advancement in AI & IOT"	25.11.2024 to 30.11.2024.	Periyar Maniammai Institute of Science & Technology
5.	Dr. R.Ramya, AP/CSE	AICTE Training And Learning (ATAL) Academy Faculty Development Program on Future Perspectives of AI and Data Sciences	02.12.2024 to 07.12.2024.	Indian Institute of Information Technology
6.	Mrs. M.Mohana, AP/CSE	AICTE Training And Learning (ATAL) Academy Faculty Development Program on Future Perspectives of AI and Data Sciences	02.12.2024 to 07.12.2024.	Indian Institute of Information Technology
7.	Mrs. Athilakshmi, AP/CSE	"A Five-Day National Level Online FDP on Beyond Boundaries: Driving Innovation in Research"	26.12.2024 to 30.12.2024	Committee for Research Ethics, Publication & IPR, Auxilium College

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

S. No.	Name of the Programme	Date	Sponsoring Authority, if any	No. of Participants	Resource Persons/ Chief Guest	Coordinators
1	OOPS using Java: An industry perspective	04.11.2024 to 09.11.2024	Association with CSI.	IV CSE	Trainers from XPLO CODE	Mr.D.Raj AP/CSE Mr.G.Praveen kumar AP/CSE

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OTHERS, If any:

The CSE department conducted an industry experts committee meeting to frame Curriculum R2025 (Sem I to Sem VIII). Industry experts provided their insights and industry expectations from students. The suggestions were well taken to fine-tune the Curriculum R2025.

The Industry Experts details:

I)   Mr.Shripathi Balaji, Senior Quality Assurance Architect, Cognizant
II)   Mr.D.Rajini Kanth, Client Partner, Relevantz Technology Services
III) Mr.P.Aneesh, Senior Technical Trainer, Relevantz Technology Services
IV)   Dr. K.Senathipathi, Senior Technical Trainer, Relevantz Technology Services
V)   Dr. R. Anandha Murugan, Chief Technology Officer, Pruvity HR Solutions Pvt Ltd
VI)   Mr.K.Mano Ganesh, Solutions Architect, Xmplar Management Solutions Pvt. Ltd

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FACULTIES ONLINE CERTIFICATIONS

S.No	Name of the Faculty	Certifaction Name	Course Name
1.	Mrs.K. Priyadharshini, AP/CSE	NPTEL Online Certification	Big Data computing with Elite Silver Category.
2.	Mrs.T.Divya, AP/CSE	NPTEL Online Certification	Big Data computing with Elite Silver Category.
3.	Ms.S.Janani, AP/CSE	AWS Academy Graduate	AWS Academy Cloud Foundations issued by Amazon Web Services Training and Certification.
4.	Mrs.X.Ignatius Selvarani, AP/CSE	the Udemy online certification	NLP - Natural Language Processing with Python.
5.	Dr.A.Anandh, ASP/CSE	NPTEL Online Certification	Data Science for Engineering with Elite Category.

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S.No	Name of the Faculty	Certifaction Name	Course Name
6.	Mr.Kumaravel, AP/CSE	NPTEL Online Certification	Operating systems fundamentals with Elite Category.
7.	Dr.R.Ramya, ASP/CSE,	NPTEL Online Certification	Software Conceptual Design with Elite Gold Category.
8.	Ms.D.Pradhiba, AP/CSE	NPTEL Online Certification	Learning analytics tools with Elite Silver Category.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Placement 2021-2025 Batch

TRIVINE TECHNOLOGY

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

SKILL MINE

S. No.	Roll Number	Name of the Student	Department
1	21UCS063	SRI SHARAN PRAKASH.S	CSE
2	21UCS023	YASWANT.R	CSE

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FACEPREP PLACED STUDENTS:

S. No.	Roll Number	Name of the Student	Department
1	21UCS041	GOVINDARAJAN.D	CSE
2	21UCS054	MAHARANJITHAM.S	CSE
3	21UCS007	PRABHU.B	CSE
4	21UCS123	VASUDEVAN	CSE
5	21UCS012	SANGEETHA.K	CSE
6	21UCS013	HARSHINA SRI.M. G	CSE
7	21UCS043	NAVANEETHA KRISHNAN.A	CSE

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TERV PLACED STUDENTS:

S. No.	Roll Number	Name of the Student	Department
1	21UCS073	SHIYAM.A	CSE
2	21UCS051	PAVITRA RAO.S	CSE
3	21UCS062	KIRUTHIKA.S	CSE

ZOHO

S. No.	Roll Number	Name of the Student	Department
1	21UCS077	HARIHARAN.C	CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Editorial Team

ADVISORY BOARD

Mrs. E. VIJAYALAKSHMI , AP/CSE

Mrs. K. LEELA RANI, AP/CSE

STUDENT MEMBERS

RAJESWARI H	-	III CSE
MAHALAKSHMI P	-	III CSE
JOEL JONES J	-	III CSE