

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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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 the variety of engineering problems

PEO2

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

HOD'S PROFILE

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).





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Report on Academics & Research

Journal Publications by Faculty members

S. No	Name of the faculty with Co-Authors	Title of the Paper	Title of the Journal	Vol. No., Issue No., Page No., Month & Year
1	Dr. R. Ramya ASP/CSE, Dr.A. Anandh, ASP/CSE	Deep Learning-Based Algorithm for Prediction of Heart Disease using Electrocardiogram	INFOCOMP Journal of Computer Science	Vol. 23, No. 1, June 2024
2	Dr. R. Ramya ASP/CSE, Dr.A. Anandh, ASP/CSE	Exploring Google Play Store Apps Using Predictive User Context: A Comprehensive Analysis	International Journal of Advanced Computer Science and Applications	-

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Faculty acting as Editorial Board Members in Journals

S. No	Name of the Faculty	Designation & Department	Title of the Journal	Publisher	Editor/Special Issue Editor/Associate Editor/Reviewer
1.	Dr. R. Ramya	ASP/CSE	SN Computer Science	Springer	Reviewer

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	Participated/ Presented
1.	Mr. J. John Livingston, AP/CSE	Webinar on "Open Source - Future Prospects"	10/07/2024	ICT Academy - Thought Leaders Talk Series	Participated



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2.	Dr.R. Ramya, ASP/CSE	Webinar on "Identifying Influential Nodes in Complex Networks using Hypergraph methods and its applications"	30/07/2024	Dept. of CSE, SRM University AP	Participated
3	Dr.A.Anandh, ASP/CSE	Workshop on "Visual Machine Learning"	20/07/2024	Dept. of CSE, SRM Madurai College for Engineering and Technology	Participated
4	Ms.S.Janani	Faculty Development Programme on "Recent Trends in Computational Sciences"	22/07/2024 to 26/07/2024	Amity Institute of Applied Sciences Department of Statistics and Mathematics, Amity University Kolkata	Participated

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5	Mrs.S.Athilakshmi	Value added course on "Advanced AI:Mastering Computer Vision and Natural Language Processing"	22/07/2024 to 26/07/2024	Dept. of CSE, KCET	Attended
6	Ms. Janani, AP/CSE	Exploring New Frontiers in Teaching Tools, AI and Data Analytics	29/07/2024 to 02/08/2024	MEASI Institute of Information Technology, Royapettah, Chennai	Participated
7	Mrs. S. Athilakshmi, AP/CSE	Summit 2024 Programme	27/08/2024	Infosys, Bengaluru	Attended



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8	Ms. Janani, AP/ CSE	FDP on the topic "Recent Trends in Computational Sciences"	22/08/2024 to 26/08/2024	Amity Institute of Applied Sciences Department of Statistics and Mathematics, Amity University Kolkata	Attended
9	Dr.A.Anandh, ASP/CSE	Workshop on ChatGPT & AI Tools	11/08/2024	be10x	Attended

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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	Mastering Full Stack Development: MERN Stack	22/7/2024 to 26/7/2024	50	1.Dr. B.Ezhilavan, Founder & CEO, 2.Mr. Lokesh. K, Software developer 3.Mr. Jason Joshua, Trainer, VEI Technologies PVT. Ltd, Chennai.	Mr.D. Asir & Mrs.Mohana
2	Digital Fortress: Building Resilient Cyber Security	22/7/2024 to 26/7/2024	33	1.Mr.S.Mohamed Arsath Software Domain Lead 2.Mr.SU.Naveenkumar, Software Trainer 3. Mr.SS. Rajeswar Software Trainer	Mr.J. John & Mrs.S.Archanadevi

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3	Advanced AI: Mastering Computer Vision and Natural Language Processing	22/7/2024 to 26/7/2024	34	Dr. R. Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd., Chennai	Mrs.S.Athilakshmi & Mrs.K.Priyadharshini
4	Exploring AR/VR Development	22/7/2024 to 26/7/2024	34	Mr.M.Suhail AR & VR Developer Hackwit Technologies Pvt Ltd, Chennai	Mrs.K.Leerarani & Mrs.E.Vijayalakshmi
5	Blockchain Mastering: Unlocking Decentralized Technology	22/7/2024 to 26/7/2024	33	1.Ramsundar Suresh, Managing Director, 2. B.Dhivakar Technical Team Lead, 3. V. Priyadharshini Junior Security Researcher, HebeSec Technologies Pvt. Ltd., Chennai.	Mrs.X.Selvarani & Mrs.Divya

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6	Peer enablement program on Deep learning	08/08/2024	50	1.C.Abirami, 2.S.Vigneshwari, Ayya Nadar Janaki Ammal College, Sivakasi.	Ms.T.Pradhiba, AP/CSE & Mrs.K.Priyadharshini, AP/CSE
7	Alumini Interaction on Recent Technological Trends	12/08/2024	62	Dr.R.Venkateshan, Karunya Institute of Technology and Science, Coimbatore.	Mrs.K. Muthulakshmi & Mrs.Divya
8	Faculty development programme on "AWS cloud practitioner"	12/08/2024 to 24/08/2024	34	Dr. R. Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd., Chennai	Mrs.S.Athilakshmi & Mrs.K.Priyadharshini

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Report on Achievement by Staff members & Students

Guest Lecture Delivered/Acted as Resource Persons in Symposium/ Seminar/ Conference /FDP/Workshop by Faculty members/Acted as a reviewer for Book Chapters/Acted as a Session Chair/ Acted as a Jury Member

S. No.	Name of the faculty	Name of the Programme/ Title	Date	Organizing Institution	Sponsored by, if any	Resource Person/ Chair Person/ Guest Speaker, etc
1	Dr. R. Ramya, ASP/CSE	2nd IEEE International Conference on Networks, Multimedia, and Information Technology (NMITCON-2024)	31/07/2024	Nitte Meenakshi Institute of Technology, Bengaluru, INDIA	IEEE Bangalore Section	Reviewer
2	Ms. Janani, AP/CSE	IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON)	09/08/2024 & 10/08/2024	Nitte Meenakshi Institute of Technology, Bengaluru INDIA	IEEE Bangalore Section	Reviewer



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3	Dr. R. Ramya, ASP/ CSE	International Conference on Distributed Systems, Computer Networks, and Cybersecurity (ICDSCNC 2024)	29/08/2024	Sri Krishna Institute of Technology, Bengaluru	IEEE Bangalore Section	Reviewer
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OTHERS, If any:

- Orientation for II and III-year students has been conducted, HoD/CSE addressed the students about the teaching-learning process, Internal mark calculations and other important information.
- More than 140 III CSE students completed "Introduction to MongoDB" for Students
- The department of CSE organized a PAC meeting on 20/7/24. Dr.A.Meenakshi, HOD - CSE presented the achievements of the department in the previous year and presented short & long-term goals for the upcoming years. Internal faculty, students participated, Academic experts, alumni representatives, parent representatives, and industry representatives were present and provided their suggestions and had a good discussion for the development of students in terms of academics and placements
- Dr. R. Ramya, Associate Professor/ CSE completed two certifications from INFOSYS Springboard on the topics Machine Learning Foundation and Natural Language Processing Foundation.
- Dr. A. Meenakshi, HOD/ CSE, ACTED AS AN EXPERT in the BOS meeting for the Department of CSE, VSVN Polytechnic College on 27/07/2024.
- The CSE department conducted Staff vs Student sports on 31/07/2024 in the afternoon. All the students and faculty participated in this event.
- A 5-day internal programming training session is scheduled for final-year students from June 01st to 05th July 2024. The training program was led by the following faculty members who served as trainers.
 - Ms. S. Janani, AP/CSE
 - Mr. B. Muthukrishna Vinayagam, AP/CSE
 - Mrs. K. Muthu Lakshmi, AP/CSE
 - Mr.R.Kumaravel, AP/CSE

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- Mrs. S. Athilakshmi served as the program coordinator for the "Hackathon Event – Kamaraj CODEQUEST '24," organized for final-year students on July 12th, 2024.
- Dr.A.Meenakshi, HOD-CSE & Mr.Kumaravel, AP-CSE visited Chainsys, ELCOT-IT PARK, Madurai on 21/08/2024 and interacted with the following members during their visit.
 1. HR – TEAM, Chainsys, Madurai
 2. Mr.U.Shunmugham, Project Manager, Chainsys, Madurai
 3. KCET Alumni working in Chainsys, Madurai
- The main objective of this interaction is to represent the willingness to depute final year CSE students to undergo internship at Chainsys.
- College level presentation held on 29.08.2024 for Smart India Hackathon – Internal Hackathon

Placement 2021-2025 Batch

Centizen - Tirunelveli

S.No.	Sec	Roll Number	Register Number	Name of the Student	Mobile Number
1	A	21UCS119	920421104065	NIRANCHANA SHREE.S.R.	9345645942
2	B	21UCS088	920421104031	JABEZ JERIN.J	8940508851

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Clusterex - Chennai

S.No.	Sec	Roll Number	Register Number	Name of the Student	Mobile Number
1	A	21UCS067	920421104108	VASEEKARAN. S	9360202933
2	B	21UCS060	920421104084	RUTHICK SREE. S	7373046698

Xmplar - MDU

S.No.	Sec	Roll Number	Register Number	Name of the Student	Mobile Number
1	A	21UCS025	920421104032	JANA VIKRAM.K.M. S	9385420932
2	A	21UCS052	920421104119	YOGESHWARAN.R	8838416492
3	A	21UCS080	920421104082	RISHIKESH.C	9025706130
4	A	21UCS111	920421104007	ARUN KUMAR.K	8248185605



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Editorial Team

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AP/CSE*

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

STUDENT MEMBERS

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MAHALAKSHMI P - III CSE

RAJESWARI H - III CSE