

Participation in inter-institute events by students:Z

S.No	Name of the student(s)	Dept	Year /Sem	Name Of the Events	Organizing Institution /body	State national International	Date Of events
1.	Vignesh S	CSD	II/IV	Paper Presentation	Velalar College of Engineering and Technology	National level	13.09.2024
1.	Parameshwari N	CSD	I/II	Paper Presentation	Paavai Engineering College	National level	08.11.2024 to 09.11.2024
1.	Vignesh S	CSD	II/IV	Web development course	Coderone	National level	20.12.2024

Deya

Deya is a society started by our computer science and Design department students. The main objective of this organization is to extend our helping hands to all the needy ones and therefore being the citizens of nation we have incepted this work with the poor children by helping those nonprofit trusts caring for the orphans by providing a support to their work.



NEWS LETTER

JUNE -2025 Volume# 1 Issue 2

DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

Semester News Letter
2024-2025(Odd)

Contents

- PEO's of the Department..... 2,3
- List of Faculty numbers 4
- List of seminars 5
- Workshop, Program 6
- Students Achievements.....7
- Value Added Courses Organized8
- Seminars.....9
- SPRINGFEST 2K24.....10,11
- Deya Program 13

Vision

To produce professionals for designing technology with ethical values, ingenious attitude and team spirit required for the continual development of the society and the nation.

Mission

- To bestow academic environment for the development of skilled professionals qualified with knowledge, skills, values, and ethics, thereby take a role in the field of computer science and design.
- Imbibing holistic, creative learning and ethical attitude for embracing global challenges and leadership qualities in the field of computer science and design.
- To influence graduates with the skills to become self-employed entrepreneurs and future leaders.



K S R COLLEGE OF ENGINEERING
(AUTONOMOUS)

Vision

We envision to achieve status as an excellent educational institution in the global knowledge hub, making self-learners, experts, ethical and responsible engineers, technologists, scientists, managers, administrators, and entrepreneurs who will significantly contribute to research and environment-friendly sustainable growth of the nation and the world.

Mission

To cultivate self-learning abilities in students, empowering them to become skilled, responsible professionals through quality education and by addressing environmental and social needs. We aim to build global partnerships through knowledge sharing, research, and innovation. Our mission is to shape future-ready leaders for a sustainable world, equipped with values, vision, and versatility.

We strive to foster creativity, critical thinking, and a lifelong passion for learning.

PEOs OF THE DEPARTMENT

PEO1: To develop the ability to think critically, analyse and make innovative design for offering techno-commercially feasible solutions.

PEO2: To apply current tools and technologies to contribute for industries, public sectors, research organization for solving time critical problems.

PEO3: To impart the knowledge of inventive design skills and lifelong learning to succeed in their professional challenges.

PROGRAMME OUTCOMES(POs)

PO1: Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

PO2: Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)

PO3: Design creative solutions for complex engineering problems and design/develop systems/components /processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)

PO4: Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).

PO5: Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)

PO6: Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).

PO8: Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

PO9: Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences.

PO10: Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.

PO11: Recognize the need for, and have the preparation and ability for

- i) independent and life-long learning
- ii) adaptability to new and emerging technologies and
- iii) critical thinking in the broadest context of technological change. (WK8)

PSOs of Department

PSO1: Acquire knowledge in several areas of Computer Science and Design to promote skills necessary for a profession, entrepreneurship and higher education.

PSO2: Ability to use appropriate tools and platforms successfully, as well as improve them, to produce applications/products for new media design in areas like multimedia, animation, virtual reality and gaming.

List of faculty members in the department:

Dr. Malatthi Sivasundaram	Ph.D	Associate Professor & Head
Mr.K. Kalaivendhan	M.E	Assistant Professor
Mr.P. Karthi	M.E	Assistant Professor
Mrs.R.Latha	M.Sc., M.Phil., (SET)	Assistant Professor

FDP/Seminar/Conference/Workshop Attended by Faculty:

S.No.	Name of the faculty	Department	Title of the Program	Duration From –to	Organized by
1.	Mr.K. Kalaivendhan	CSD	International FDP on Machine Learning and Artificial Intelligence	14.8.2024 to 19.8.2024	Telegana Academy for Skill and Knowledge
2.	Mr.P. Karthi	CSD	International FDP on Machine Learning and Artificial Intelligence	14.8.2024 to 19.8.2024	Telegana Academy for Skill and Knowledge
3.	R. Latha	MATHS	Recent Trends in computing 4.0	08.07.2024 to 13.07.2024	Vishvakarma Institute of Technology, PUNE
4.	R. Latha	MATHS	Deep Learning and IOT Technologies in Precision Healthcare	17.08.2024	Kongu Engineering College
5.	R. Latha	MATHS	International Conference on Computational Mathematics and Statistics	30.09.2024	ST. Joseph College of Arts and Science for Women
6.	R. Latha	MATHS	ATAL FDP on Green Energy and E-Mobility for Sustainable Environment	02.12.2024 to 14.12.2024	Vivekanandha College of Engineering for women
7.	R. Latha	MATHS	FDP on Chalkboard to Chatbot	23.12.2024 to 29.12.2024	KS Rangasamy College of Arts and Science

List of Seminar/workshop/Program/Events Organized:

S. No	Department	Nature of the Program	Title of the Program	Name of the resource person	Date	No of people attended
1.	CSD	Workshop	Workshop on Github Workflow Mastery: From Version Control to Automation	Mr.N.C. Santhosh Senior Devops Engineer, Terrascope Pvt., Ltd., Singapore	27.07.24	31
2.	CSD	Seminar	Seminar on How to Crack CAT Exam?	Mr.M. Shanmuganathan, Manager, T.I.M.E Institute, Salem.	10.08.24	31
3.	CSD	Seminar	Seminar on Photoshop Essentials	Mr.M.N. Santhosh Designer, ETS Academy, Erode	24.08.24	31
4.	CSD	Non-Technical Event	Jigsaw Debate	Mrs.P. Rathika Assistant Professor Department of CSE KSR Insitute for Engineering and Technology	24.08.24	31
5.	CSD	Seminar	UI/UX Design	Mr.Sabarinathan Muthu Chief Executive Officer and Founder, Gateway Software Solutions, Coimbatore.	12.09.24	31

List of Seminar/workshop/Program/ Events Organized:

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6.	CSD	SPORIX Association	Association Inauguration	Mr.Sabarinathan Muthu Chief Executive Officer and Founder, Gateway Software Solutions, Coimbatore.	12.09.24	31
7.	CSD	Workshop	UI/UX Design using Figma	Mr. M. N. Sri Gowtham Founder & CEO Pep Software Private Limited, Erode.	28.09.24	31
8.	CSD	Seminar	Future Trends in Cyber security	Mr. A. S. A. Krishnan Advisor – Cyber Security SBI Mutual Funds Ltd New Delhi	12.10.24	31
9.	CSD	International Seminar	Preparing Datasets for Predictive Modeling	Dr.V.E.Sathishkumar Department of Computing and Information Systems, Sunway University, Malaysia	09.11.24	31



FACULTY TRAINING ON "GENERATIVE AI" from 17.12.2024 to 22.12.2024



WORKSHOP ON GITHUB
WORKFLOW MASTERY:
VERSION CONTROL TO
AUTOMATION ON 27-07-2024

The **GitHub Workflow Mastery: Version Control and Automation** workshop aims to equip participants with a comprehensive understanding of modern collaborative development practices using Git and GitHub.



SEMINAR ON HOW TO CRACK
COMPETITIVE EXAM ON 10-08-
2024

he **"How to Crack Competitive Exams"** seminar is designed to equip students with essential strategies, skills, and mindsets needed to excel in various competitive examinations. Participants will gain a clear understanding of exam patterns, time management techniques, and effective study planning tailored to their



SEMINAR ON PHOTOSHOP
ESSENTIALS ON 24-08-2024

The **"Photoshop Essentials"** seminar is designed to provide participants with a foundational understanding of Adobe Photoshop and its core functionalities.



**NON-TECHNICAL EVENT ON
JIGSAW DEBATE ON 24-08-2024**

The **Non-Technical Event on Jigsaw Debate** was designed to enhance participants' communication, critical thinking, and collaborative problem-solving skills.



**SPORIX ASSOCIATION
INAUGURATION ON 12-09-2024**

The **SPORIX ASSOCIATION** to impart Events, Paper presentation, Seminar, leadership qualities, Startup ideas, latest research ideas



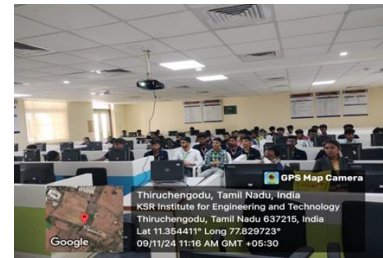
**WORKSHOP ON UI/UX DESIGN
USING FIGMA ON 28-09-2024**

The **Workshop on UI/UX Design Using Figma** provided participants with a strong foundation in user interface and user experience design principles, along with hands-on experience using Figma, a leading collaborative design tool..



**SEMINAR ON FUTURE TRENDS IN
CYBER SECURITY ON 18-10-2024**

The **Seminar on Future Trends in Cyber Security** offered participants valuable insights into the rapidly evolving landscape of digital security and emerging threats. Attendees explored advanced topics such as AI-driven security, quantum cryptography, and the increasing relevance of cybersecurity in IoT.



**INTERNATIONAL SEMINAR ON
PREPARING DATASETS FOR
PREDICTIVE MODELING ON 09-
11-2024**

The **International Seminar on Preparing Datasets for Predictive Modeling** provided participants with an in-depth understanding of the critical role that data preparation plays in building accurate and reliable predictive models.



**ORIENTATION PROGRAMME ON
ROLE OF GLOBAL
CERTIFICATION IN IT SECTOR ON
16-11-2024**

The **Orientation Programme on the Role of Global Certification in the IT Sector** aimed to raise awareness among participants about the growing importance and impact of globally recognized certifications in shaping successful IT careers.

SPRINGFEST-2K24



PAPER PRESENTATION

SpringFest 2K24 featured a UI/UX Hackathon with Figma training, a Next Code Debugging event to enhance coding skills, and a Paper Presentation session that encouraged innovative ideas and research among students.



CODE DEBUGGING

The "Next Code Debugging" event held at the college provided participants with practical experience in identifying and resolving coding errors, enhancing their problem-solving skills and debugging proficiency in real-time scenarios.



TREASURE HUNT

SpringFest 2K24 featured a UI/UX Hackathon with Figma training, Next Code Debugging to boost coding skills, Paper Presentation for research exposure, and a fun-filled Treasure Hunt to promote teamwork and problem-solving.



HACKATHON

The SpringFest 2K24 Hackathon provided participants with a strong foundation in user interface and user experience design principles, along with hands-on experience using Figma, a leading collaborative design tool.



CODE DEBUGGING

The "Next Code Debugging" event held at the college provided participants with practical experience in identifying and resolving coding errors, enhancing their problem-solving skills and debugging proficiency in real-time scenarios.



CONNECTIONS

As part of SpringFest 2K24, a series of technical events were organized to enhance students' design and development skills. The SpringFest 2K24 Hackathon provided participants with a solid foundation in UI/UX principles along with hands-on training in Figma, a leading collaborative design tool.



**GATEWAY SOFTWARE
SOLUTION 2024-2025**

An MoU was signed with Gateway Software Solution for the academic year 2024–2025 to foster industry collaboration, internships, and skill development opportunities for students.



**GATEWAY SOFTWARE
SOLUTION 2024-2025**

A Memorandum of Understanding (MoU) was signed with Gateway Software Solution for the academic year 2024–2025. This collaboration aims to provide students with enhanced training, internship opportunities, and industry exposure through joint programs and workshops.



**STACKQUEUE MOU
INAUGURATION 2024-2025**

The MoU with StackQueue for the academic year 2024–2025 was officially inaugurated, paving the way for collaborative training, internships, and real-time project opportunities for students.