

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CRITERIA 5

5. FACULTY INFORMATION AND CONTRIBUTIONS

ACADEMIC YEAR (2025-2026)

S.No	Name of the Faculty Member	PAN	Aadhaar	Qualification			Association with the Institution	Designation	Date on which Designated as Professor/ Associate Professor	Date of Joining the Institution	Department	Specialization	Academic Research			Currently Associated (Y/N) Date of Leaving (In case Currently Associated is ("No"))	Nature of Association (Regular/Contract)
				Degree (highest degree)	University	Year of attaining higher qualification							Research Paper Publications	Ph.D. Guidance	Faculty Receiving Ph.D. during the Assessment Years		
1	Dr. C.Sujatha, Prof. & Head/CSE	BIQPS9786L	558690336486	Ph.D.	Anna University	2016	10Y 1M 15D	Professor & HOD	01.07.2019	15.06.2015	Computer Science and Engineering	Information and Communication Engineering	48	4	-	Y	Regular
2	Dr. G. Prabu, ASP/CSE	AHKPG0207E	448806722415	Ph.D.	Periyar Maniammai University	2021	3Y 9M 19D	Associate Professor	NA	11.10.2021	Computer Science and Engineering	Computer Science and Engineering	6	-	-	Y	Regular
3	Dr. S. Sudhakar, ASP/CSE	CXUPS2218B	873045139806	Ph.D.	Anna University	2023	1Y 1M 22D	Associate Professor	NA	19.06.2024	Computer Science and Engineering	Information and Communication Engineering	24	-	-	Y	Regular
4	Dr. A. Aldo Tennis, ASP/CSE	BCFPA4437F	258875739163	Ph.D.	Anna University	2024	2Y 8M 29D	Associate Professor	03.06.2024	01.11.2022	Computer Science and Engineering	Computer Science and Engineering	9	-	Y	Y	Regular

5	Dr. K. Ganapriya, ASP/CSE	CPCPG5001 E	478370724834	Ph .D .	Anna University	2022	2Y 11M 30D	Associate Professor	01.07 .2024	01.07 .2024	Computer Science and Engineering	Information and Communicatio n Engineering	1 3	-	-	Y	Regular
6	Mrs. M. Moohambikai, AP/CSE	CUHPM0863N	984054592088	M. E.	Anna University	2013	2Y 11M 30D	Assistant Professor	NA	01.08 .2022	Computer Science and Engineering	Computer Science and Engineering	2	-	-	Y	Regular
7	Mrs. K. Sureka, AP/CSE	ENFPS4156D	909220724675	M. E.	Periyar Maniammai University	2011	2Y 11M 30D	Assistant Professor	NA	01.08 .2022	Computer Science and Engineering	Computer Science and Engineering	2	-	-	Y	Regular
8	Mrs. S. Suganya, AP/CSE	DSSPS4725M	396553610353	M. E.	Anna University	2013	2Y 11M 30D	Assistant Professor	NA	01.08 .2022	Computer Science and Engineering	Computer Science and Engineering	7	-	-	Y	Regular
9	Mrs. J. Dhanalakshmi, AP/CSE	CQCPD7116A	288858074324	M. E.	Anna University	2012	2Y 11M 30D	Assistant Professor	NA	01.08 .2022	Computer Science and Engineering	Computer Science and Engineering	2	-	-	Y	Regular
10	Mrs. A. Padma Priya, AP/CSE	DGKPP9466C	583023898381	M. Te ch.	Prist University	2013	2Y 0M 14D	Assistant Professor	NA	17.07 .2023	Computer Science and Engineering	Computer Science and Engineering	2	-	-	Y	Regular
11	Mrs. T. Rani Mangammal, AP/CSE	BKSPR3485B	350856181579	M. E.	Anna University	2012	2Y 0M 14D	Assistant Professor	NA	17.07 .2023	Computer Science and Engineering	Computer Science and Engineering	2	-	-	Y	Regular
12	Mr. P. V. Samuel Devakumar, AP/CSE	CFZPS6153J	615104537329	M. E.	Anna University	2020	1Y 9M 21D	Assistant Professor	NA	06.10 .2023	Computer Science and Engineering	Computer Science and Engineering	3	-	-	Y	Regular
13	Ms. V. Sudharsana, AP/CSE	GXZPS9317E	541736952969	M. E.	Anna University	2020	2Y 0M 14D	Assistant Professor	NA	17.07 .2023	Computer Science and Engineering	Applied Electronics	1	-	-	Y	Regular
14	Dr. M. Nanmalar, AP/CSE	AKIPN8842P	458640041706	Ph .D .	Anna University	2024	1Y 4M 11D	Assistant Professor	NA	20.03 .2024	Computer Science and Engineering	Information and Communicatio n Engineering	5	-	Y	Y	Regular
15	Mrs. D. Rekha, AP/CSE	BVAPR7801N	719116783844	M. E.	Anna University	2013	1Y 1M 12D	Assistant Professor	NA	19.06 .2024	Computer Science and Engineering	Computer and Communicatio n	1	-	-	Y	Regular

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9	Mrs. N.J. Divya, AP/CSE	CPMPD9173E	41789492504 1	M.E	Anna University	2016	3Y 9M 25D	Assistant Professor	NA	06.10 .2021	Computer Science and Engineering	Computer Science and Engineering	4	-	-	Y	Regular
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14	Dr. M. Nanmalar, AP/CSE	AKIPN8842P	458640041706	Ph. D.	Anna University	2024	1Y 4M 11D	Assistant Professor	NA	20.03 .2024	Computer Science and Engineering	Information and Communication Engineering	5	-	Y	Y	Regular
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5	Mrs. K. Sureka, AP/CSE	ENFPS4156D	909220724675	M.E.	Periyar Maniammai University	2011	1Y 11M 30D	Assistant Professor	NA	01.08 .2022	Computer Science and Engineering	Computer Science and Engineering	2	-	-	Y	Regular

6	Mr. G. Murugan, AP/CSE	ESMPM0373N	73398375457 0	M.E	Anna University	2013	1Y 11 M 5D	Assistant Professor	NA	01.08 .2022	Computer Science and Engineering	Computer Science and Engineering	1	-	-	09.0 7.20 24	Regula r
7	Ms. N. Anu Lavanya, AP/CSE	CNRPA0107N	28894350235 0	M.E	Anna University	2017	2Y 7M 21D	Assistant Professor	NA	16.10 .2021	Computer Science and Engineering	Computer Science and Engineering	3	-	-	06.0 7.20 24	Regula r
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13	Mr. R. Ravi, AP/CSE	BOWPR5833 M	320000490863	M.E	Anna University	2015	1Y 0M 14D	Assistant Professor	NA	17.07 .2023	Computer Science and Engineering	Computer Science and Engineering	-	-	-	09.0 7.20 24	Regula r
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2	Dr. V. Nivedhitha, ASP/CSE	AHJPN7319P	527014406224	Ph.D	Anna University	2021	10Y 11M 28D	Associate Professor	10.01.2022	03.08.2012	Computer Science and Engineering	Information and Communication Engineering	9	-	-	12.12.2022	Regular
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4	Ms. N. Padma Priya, AP/CSE	BCXPN4588G	914544873440	M.E	Anna University	2014	7Y 6M 20D	Assistant Professor	NA	11.01.2016	Computer Science and Engineering	Software Engineering	2	-	-	27.05.2023	Regular
5	Ms. N. Anu Lavanya, AP/CSE	CNRPA0107N	288943502350	M.E	Anna University	2017	1Y 7M 21D	Assistant Professor	NA	16.10.2021	Computer Science and Engineering	Computer Science and Engineering	3	-	-	06.07.2024	Regular

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No. of UG Programs in the Department: 1

No. of UG Programs in the Department	1					
No. of PG Programs in the Department	0					
Description	CAY (2024-25)		CAYm1 (2023-24)		CAYm2 (2022-23)	
Total No. of Students in the Department(S)	190	Sum total of all (UG+PG) students	191	Sum total of all (UG+PG) students	190	Sum total of all (UG+PG) students
No. of Faculty in the Department(F)	15	F1	14	F2	10	F3
Student Faculty Ratio(SFR)	12.67	SFR1=S1/F1	13.64	SFR2=S2/F2	19	SFR3=S3/F3
Average SFR	15.10 SFR=(SFR1+SFR2+SFR3)/3					
F=Total Number of Faculty Members in the Department (excluding first year faculty)						

5.1.1 Provide the information about the regular and contractual faculty as per the format mentioned below:

	Total number of regular faculty in the department	Total number of contractual faculty in the department
CAY(2024-25)	15	0
CAYm1(2023-24)	15	0
CAYm2(2022-23)	12	0

Average SFR for three assessment years: **15.10**

Assessment SFR: **18**

5.2 Faculty Cadre Proportion (25)

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
CAY (2024-25)	1.00	1.00	2.00	3.00	6.00	11.00
CAYm1(2023-24)	1.00	1.00	2.00	1.00	6.00	12.00
CAYm2(2022-23)	1.00	1.00	2.00	1.00	6.00	08.00
Average Numbers	1.00	1.00	2.00	1.67	6.00	10.33

Cadre Ratio $[(AF1/RF1) + ((AF2/RF2)*0.6) + ((AF3 / RF3) * 0.4)]*12.5$

Cadre Ratio = $[1 + (0.84)*0.6 + (1.72)*0.4]*12.5 = \mathbf{27.38}$

Assessment Mark = 25

5.3 Faculty Qualification (25)

	X	Y	F	$FQ = 2.5 \times [(10X + 4Y) / F]$
2024-25(CAY)	4	11	9.00	22.33
2023-24(CAYm1)	2	12	9.00	18.89
2022-23(CAYm2)	2	8	9.00	14.44

Average Assessment: **18.89**

Assessment Mark = 18.9

5.4 Faculty Retention (25)

Description	2022-23	2023-24	2024-25
No of Faculty Retained		9	7
Total No of Faculty	9	9	9
% of Faculty Retained		100	78

Average: **88.89**

Assessment Mark: 20

5.5. INNOVATIONS BY THE FACULTY IN TEACHING AND LEARNING

In the current academic landscape driven by rapid technological advancements, traditional teaching methods alone are no longer sufficient to engage students. Understanding this, the faculty of the Department of Computer Science and Engineering have adopted innovative teaching strategies to enhance learning outcomes and foster deeper student engagement.

The focus has shifted from teacher-centered to student-centered learning, emphasizing critical thinking, active participation, and collaborative problem-solving. Modern tools such as Google Classroom, NPTEL, Coursera, and MOOCs support blended and flipped classroom approaches, allowing flexible and interactive learning experiences.



To further support student understanding, faculty implement techniques like concept mapping, mind mapping, open book quizzes, and one-minute tasks, encouraging analytical thinking and peer discussions. Visual tools and formative assessments are also used to adapt teaching based on student feedback.

Hands-on learning is promoted through project-based activities and mini-model development, allowing students to apply theory in real-world contexts under faculty mentorship. Outcome-Based Education (OBE) principles are integrated into course planning to align with program goals and industry needs.






Beyond the classroom, students gain exposure through internships, industrial visits, and value-added courses in emerging technologies. Faculty members also pursue continuous learning via FDPs, certifications, and conferences to stay current and innovative.






The department fosters a culture of experimentation and collaboration, where faculty share best practices and continuously refine their approaches. These efforts collectively aim to nurture both academic excellence and professional competencies among students.

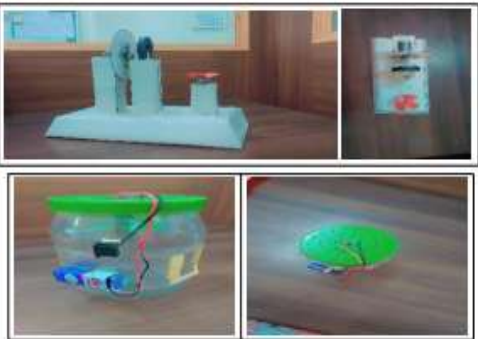

Following are the best and innovative practices undertaken by the faculty members for improving teaching and learning experience.

S. No.	Best Practices	Goals	Context	Link
1	Value Added Course	The goal of conducting a Value Added Course is to equip students with additional skills and knowledge that complement their academic curriculum and enhance their employability, industry readiness, and practical competence.	<ul style="list-style-type: none"> Value Added Courses (VACs) are designed to equip students with additional skills, knowledge, and practical exposure that complement their core curriculum. Value Added Courses are conducted alongside regular academic programs and are often short-term, skill-based, and hands-on in nature. They cater to the emerging trends in technology and industry requirements, enabling students to stay updated and job-ready. 	
2	You tube channel	To use YouTube channel as learning application	<ul style="list-style-type: none"> The use of videos in teaching and learning serves to students and also teachers The online, asynchronous nature of videos allows them to be shared all across the world and at all hours of the day or night. Teachers can use videos to deliver course information that can be extremely helpful in opening up class time. Lectures and other introductory information can be viewed before class, which allows for more practice- and skill- related class activities. These videos are accessible at the student's convenience and can be watched numerous times to assist with coursework and skill mastery. 	

3	Technical Presentation	To enhance the overall comprehension of students and allows teachers to present their lessons in a more dynamic way.	<ul style="list-style-type: none"> • It provides the ability to equip presentations with different types of media - including images, sounds, animations, and much more. • This enhances the student's abilities to retain what is being taught, especially to those who are visual learners. • Teachers can focus on the class and interacting with the students instead of writing on a board, because the text and the entire presentation are already there in the form of a PowerPoint file. 	<p>Software Testing Principles</p> <ul style="list-style-type: none"> • Software testing is a procedure of implementing software or the application to identify bugs. • For testing an application or software, we need to follow some principles to make our life free, and that also helps the test engineers to test the software with their effort and time.
4	Google Class Room	Google Classroom is an application designed to enhance the learning experience which is incorporated in our teaching learning process	<ul style="list-style-type: none"> • Creating a google classroom using google app. Students are made to join as members of the google class room. • Notes materials, Assignments, Quiz questions are posted in the app. • Students can participate in the quiz by registering through app sign in and evaluation will be done. 	
5	Online Courses	To enhance the quality of engineering education, on tip compatibility & resources for beyond curriculum.	<ul style="list-style-type: none"> • Our college having NPTEL Local Chapter • Faculty members attending 2 NPTEL courses per year • Helps to know basic and advanced techniques in every subject for faculty members and students • Students are given by NPTEL materials and videos which enhances their knowledge 	
6	Moodle Server Access	Moodle is a learning platform designed to provide educators, administrators and learners with a single robust, secure and integrated system to create personalized learning environments.	<p>Moodle is used for blended learning, distance education and other e-learning projects in institute. With customized management features, it is used to create private websites with online courses for educators and trainers to achieve learning goals.</p>	

7	Flipped Classroom	The flipped classroom is to promote active, student-centered learning by shifting instruction outside the classroom and using class time for deeper engagement and problem-solving.	The Flipped Classroom is an instructional strategy that reverses the traditional teaching approach. Instead of delivering lectures during class time, students first engage with new material outside the classroom—typically through pre-recorded videos, readings, or slides. Class time is then utilized for active learning, including discussions, problem-solving, and hands-on exercises.	
8	Concept Mapping	Concept learning is to help students understand, organize, and apply key ideas by identifying patterns, relationships, and underlying principles.	Concept Mapping is a visual representation technique that helps students understand and organize knowledge by mapping out the relationships between various concepts. It begins with a central theme or topic, from which related sub-concepts branch out, illustrating how ideas are interconnected. This method enhances deeper learning, especially in subjects with complex or abstract content.	 
9	Mind map	Mind map is to visually organize information to enhance understanding, memory, and creative thinking.	Mind mapping is a visual learning technique used to organize information around a central idea, branching out into related topics using keywords, colors, and images. It enhances understanding, encourages creative thinking, and improves memory by visually connecting concepts, making it especially useful for brainstorming, summarizing, and planning.	 

10	One-Minute Problem Solving	One-minute problem solving is to enhance quick thinking, clarity, and confidence by encouraging students to solve and present solutions concisely within a limited time.	The One-Minute Problem Solving Session is a quick, focused activity designed to reinforce learning by challenging students to solve a small, concept-based problem in just one minute. It promotes quick thinking, concept recall, and real-time application of knowledge. This activity is usually conducted at the beginning or end of a class to boost attention and assess understanding.	  
11	Industrial Visits	To provide students an insight regarding internal working of companies and industries.	<ul style="list-style-type: none"> • Through industrial visit students get awareness about new technologies. • Industrial visit is considered as one of the tactical methods of teaching. • The main reason behind this is helps student to know things practically through interaction, working methods and employment practices. • It also provides a good opportunity to the students to gain awareness about industrial practices. 	
12	Student Seminars	The overall objective of this activity is to motivate students for self-Study and Group Study.	<ul style="list-style-type: none"> • This best practice enhances the Listening ability. • Being working in a team Leadership quality of students builds up. • Team building of students grows as they work in a Team. • The communication skill gets build up by Oral Communication in seminars. • Student takes responsibility while working in a team. • Sharing of Knowledge uplifts while preparing. • Students learn Time Management skill. • Students learn to deal with conflicting opinions. • For delivering seminars students prepare, Produce and use visual aids for presentation 	

13	Project based learning	To expand technical understandings through development in terms of software solutions and hardware implementation for industrial/societal problems.	<ul style="list-style-type: none"> • Create opportunities to explore theory, to research and present a pilot project with a possibility of further development, to test a technical insight, to apply intellectual learning, or to challenge skills as well as understandings within a particular field 	
14	Contents beyond syllabus in theory and labs hours	To enhance the curriculum and provide prerequisite knowledge by incorporating recent trends in Engineering and Technology.	<ul style="list-style-type: none"> • It is empirically proven that interests in subjects are sparked by factors that are not always related to the curriculum. • It makes students curious and encourages them to take more interest in the topic and enhance their learning process. • Students shall be encouraged to work with innovative ideas and shall focus on current technological trends to do their Seminars and Projects 	

5.6 FACULTY AS PARTICIPANTS IN FACULTY DEVELOPMENT / TRAINING ACTIVITIES / STTPS

A Faculty scores maximum five points for participation

Participation in 2 to 5 days Faculty development program: 3 Points

Participation > 5 days Faculty development program: 5 points

S.No	Name of the Faculty	Max. 5 per Faculty		
		2024-25	2023-24	2022-23
1	Dr. C. Sujatha	5	5	5
2	Dr. G. Prabu	5	5	5
3	Dr. S. Sudhakar	5	-	-
4	Dr. A. Aldo Tennis	5	5	5
5	M. Moohambikai	5	5	5
6	K. Sureka	5	5	5
7	A. Padma Priya	5	5	-
8	S. Suganya	5	5	5
9	J. Dhanalakshmi	5	5	5
10	T. Rani Mangammal	5	5	-
11	P. V. Samuvel Devakumar	5	5	-
12	D. Rekha	5	-	-
13	V. Sudharsana	5	5	-
14	Dr. M. Nanmalar	5	5	-
15	G. Murugan	-	5	5
16	N. Anu Lavanya	-	5	5
17	N. J. Divya	-	5	5
18	R. Ravi	-	5	-
19	Dr. V. Nivedhitha	-	-	5
20	N. Padma Priya	-	-	5
Sum		70	80	60
RF= Number of Faculty required to comply with 20:1 Student-Faculty ratio as per 5.1		9	9	9
Assessment = $3 \times (\text{Sum}/0.5\text{RF})$ (Marks limited to 15)		46.67	53.33	40
Average assessment over three years (Marks limited to 15) =		46.67		

Academic year 2024-25

S.No	Name of the Faculty Member	FDP/Workshop	No of FDPs	Title of the FDP	Organization	Duration (from-to)	No. of Days
1	Dr. C. Sujatha	FDP	3	Inculcating Universal Human Values in Technical Education	AICTE	09.09.2024 to 13.09.2024	5
				IoT and Cyber Security in Power Systems	ATAL - KLN College of Engineering	03.02.2025 to 08.02.2025	6
				Decoding NIRF Rankings: A Comprehensive Guide to Understanding the Survey	IQAC Cluster India	23.12.2024	1
2	Dr. G. Prabu	FDP	1	IoT and Cyber Security in Power Systems	ATAL - KLN College of Engineering	03.02.2025 to 08.02.2025	6
3	Dr. S. Sudhakar	FDP	2	Decoding NIRF Rankings: A Comprehensive Guide to Understanding the Survey	IQAC Cluster India	23.12.2024	1
				Faculty Induction Program	SSMIET	27.08.24 to 02.09.24	6
		STTP	1	Academic Writing and Research & Publication Ethics	The Gandhigram Rural Institute-DTBU	04.11.24 to 09.11.24	6
		QIP	1	Artificial Intelligence for Data Science	IIIT, Kottayam AICTE-QIP-PG Certificate programme	07.07.2024 to 20.12.2024	6 months
4	Dr. A. Aldo Tennis	FDP	8	Building Web Development Solutions with Cloud Computing	AICTE & EDUNET Foundation	02-09-2024 to 06-09-2024.	5
				Ethical Issues in Research Writing	Regional College for Education Research and Technology, Jaipur	11-9-2024 to 16-9-2024	6
				Cutting Edge Technologies in Computer Science	Easwari Engineering College	23-9-2024 to 29-9-2024	7

				Faculty Enablement Program on Python Programming	INFOSYS	28.07.2024 to 03.09.2024	6
				AI/ML for Geodata Analysis	IIRS	19.07.2024 to 23.07.2024	5
				High Performance and Computing Technology	Anna University, Madurai	29-7-2024 to 3-8-2024	5
				Cloud Computing using AWS	Mohan Babu University	08.07.2024 to 13.07.2024	6
				AI for Sustainable Development	VIIT, Pune	05.08.2024 to 09.08.2024	5
5	Mrs. M. Moohambikai	FDP	2	Deep Learning for Natural Language Processing	NPTEL	Jan to Apr 2025	12 weeks
				Empowering Educators in Data Analysis using Excel: Hands on Experience	Gokul Global University, Gujarat	26.08.2024 - 31.08.2024	6
6	Mrs. K. Sureka	FDP	3	IoT and Cyber Security in Power Systems	ATAL - KLN College of Engineering	03.02.2025 to 08.02.2025	6
				The Future of Quantum Computing and High Performance Computing (HPC)	PSVCET	23.12.2024 to 23.12.2024	6
				Cyber Security '25	National Cyber Security Standards	30.01.25	1
		STTP	1	Fundamentals of Data science and Machine Learning with AI	Adi Shankara Institute of Engineering and Technology	16.12.2024 to 20.12.2024	6
7	Mrs. A. Padma Priya	FDP	7	Inculcating Universal Human Values in Technical Education	AICTE	09.09.2024 to 13.09.2024	5
				Advancements in Artificial Intelligence and Machine	University College of Engineering	27.01.2025 to 01.02.2025	6

				Learning for Modern Engineering Solutions			
				AI & ML Geo Data Analysis	IIRS	19.08.2024 to 23.08.2024	5
				IoT Security	DMI College of Engineering	05.08.2024 to 09.08.2024	5
				Computer Vision and Gen-AI tools	Ramco Institute of Technology	15.07.2024 to 27.07.2024	14
				Cloud Computing using AWS	Mohan Babu University	08.07.2024 to 13.07.2024	5
				Cyber Security '25	National Cyber Security Standards	30.01.25	1
8	Mrs. S. Suganya	FDP	7	Inculcating Universal Human Values in Technical Education	AICTE	9.09.2024 to 13.09.2024	5
				Computer Vision and Gen-AI tools	Ramco Institute of Technology	15.07.2024 to 27.07.2024	14
				AI & ML Geo Data Analysis	IIRS	19.07.2024 to 23.07.2024	5
				Cloud Computing using AWS	Mohan Babu University	8.07.2024 to 13.07.2024	5
				IoT Security	DMI College of Engineering	5.08.2024 to 9.08.2024	5
				Artificial Intelligence for Data Science: Innovations and Applications	Jorhat Institute of Science and Technology	20.01.2025 to 25.01.2025	6
				AI FDP Training	IBM	Sep3	1
9	Mrs. J. Dhanalakshmi	FDP	8	Gate and JAM 2025 Examinations	IITM	31.07.2025	1

				Inculcating Universal Human Values in Technical Education	AICTE	09.09.2024 to 13.09.2024	5
				Computer Vision and Gen-AI tools	Ramco Institute of Technology	15.07.2024 to 27.07.2024	14
				Generative AI and the Future of Work	Reva University	22.07.2024 to 26.07.2024	5
				Cloud Computing using AWS	Mohan Babu University	8.07.2024 to 13.07.2024	5
				IoT Security	DMI College of Engineering	5.08.2024 to 9.08.2024	5
				Exploring the Intersection of Blockchain Technology and Generative AI	Sphoorthy Engineering College	03.02.2025 to 08.02.2025	6
				Cyber Security '25	National Cyber Security Standards	30.01.25	1
10	Mrs. T. Rani Mangammal	FDP	7	Inculcating Universal Human Values in Technical Education	AICTE	9.09.2024 to 13.09.2024	5
				AI & ML Geo Data Analysis	IIRS	19.08.2024 to 23.08.2024	5
				IoT Security	DMI College of Engineering	05.08.2024 to 9.08.2024	5
				Computer Vision and Gen-AI tools	Ramco Institute of Technology	15.07.2024 to 27.07.2024	14
				Cloud Computing using AWS	Mohan Babu University	8.07.2024 to 13.07.2024	5
				Deep Learning for Social Impact: Atomic Object Detection in Real-World Applications	Narsimhareddy Engineering College	03.02.25 to 08.02.25	6

				Cyber Security '25	National Cyber Security Standards	30.01.25	1
		Workshop	1	Computing for Agriculture 4.0	NPTEL	13.07.2024 to 23.07.2024	11
11	Mr. P. V. Samuvel Devakumar	FDP	6	Inculcating Universal Human Values in Technical Education	AICTE	9.09.2024 to 13.09.2024	5
				Robotic Process Automation	Nan Mudhalavan	19.8.2024 to 25.8.2024	7
				Cutting-Edge Technologies in Computer Science	Easwari Engineering College, Chennai	23.09.24 to 29.09.24	6
				Empowering Educators in Data Analysis using Excel: Hands on Experience	Gokul Global University, Gujarat	26.08.24 to 31.08.24	6
				Latest Trends Cloud Computing	Kings College of Engineering	13.11.2024 to 15.11.2024	3
				Deep Learning for Social Impact: Atomic Object Detection in Real-World Applications	Narsimhareddy Engineering College	03.02.25 to 08.02.25	6
12	Mrs. D.Rekha	FDP	2	Computer Vision and Gen-AI tools	Ramco Institute of Technology	15.07.2024 to 27.07.2024	14
				AI Driven Semiconductor Device Design and Modelling for Next Generation Computing Systems	AAA College of Engineering and Technology	03.02.2025 to 07.02.2025	5
13	Ms. V.Sudharsana	FDP	3	Computer Vision and Gen-AI tools	Ramco Institute of Technology	15.07.2024 to 27.07.2024	14
				AI & ML Geo Data Analysis	IIRS	19.08.2024 to 23.08.2024	5

				IoT Security	DMI College of Engineering	5.08.2024 to 9.08.2024	5
14	Dr. M. Nanmalar	FDP	3	Cloud Computing	NPTEL	Jan-Apr 2025	12 weeks
				Faculty Induction Program	SSMIET	27.08.24 to 02.09.24	6
				Empowering Educators in Data Analysis using Excel: Hands on Experience	Gokul Global University, Gujarat	26.08.2024 to 31.08.2024	6
		STTP	1	Counselling Skills	St. Joseph's College, Trichy	Feb-Mar 2025	1 Month
		Total	67				

Academic year 2023-24

S.No	Name of the Faculty Member	FDP/Workshop	No of FDPs	Title of the FDP	Organization	Duration (from-to)	No. of Days
1	Dr. C. Sujatha	FDP	3	Electric Vehicles	Anna university, Chennai (DST Sponsored)	29.12.2023 to 12.01.2024	15 Days
				Ethical Hacking	SSMIET, Dindigul	12.02.2024 to 17.02.2024	6 Days
				Principles of Outcome based Education	Vmedulife Software	25.04.2024	1 Day
2	Dr. G. Prabu	FDP	3	Introduction to Computational Social Science with Python	NIT, Tiruchirappalli	10.07.2023 to 14.07.2023	5 Days
				Microsoft, SAP & AICTE	TechSaksham, Microsoft	04.12.2023 to 08.12.2023	5 Days
				Adobe Academic Essentials	MITADT University	July 2023	1 Day
3	Mrs. M. Moohambikai	FDP	4	Ethical Hacking	SSMIET, Dindigul	12.02.2024 to 17.02.2024	6 Days
				Deep Learning	NPTEL	Jan to Apr 2024	12 weeks
				Research Paper Writing and Publications in SCI	MSME - Pencil Bitz	23.05.2024 to 29.05.2024	6 days
				Exploring the Educational Potential of CHATGPT	Gokul Global University	11.12.2023 to 17.12.2023	7 Days
4	Dr. A. Aldo Tenis	FDP	8	AI Tools and Prompt Engineering	ATAL	27.11.2023 to 02.12.2023	6 Days
				AI Evolution: From Foundations to Generative AI	ATAL	22.01.2024 to 27.01.2024	5 Days
				Building advanced data analytics applications with cloud	ATAL	11.09.2023 to 15.09.2023	5 Days
				AI-Driven Nanotechnological	VIT, Chennai	16.10.2023 to 18.10.2023	3 Days

				Advancements in Healthcare			
				Cloud Infrastructure (AWS)	MallaReddy University, Telangana	21.08.2023 to 25.08.2023	5 Days
				Cognitive Computing for Smart Applications	Viswakarma Institute of Information and Technology	18.03.2024 to 22.03.2024	5 Days
				Embedded Systems and IoT	SSMIET (Enthu Technology)	04.01.2024 to 05.01.2024	2 Days
				AI Tools and Prompt Engineering	Anil Neerukonda Institute of Technology and Sciences, Hyderabad	27.11.2023 to 02.12.2023	1 week
		Workshop	2	Data Analytics and AI	University of Calicut	15.06.2024	1 Day
				Back-End Development	Marcello Tech, Trichy	18.10.2023	1 Day
5	Mrs. K. Sureka	FDP	1	Exploring the Educational Potential of CHATGPT	Gokul Global University	11.12.2023 to 17.12.2023	7 Days
6	Mr. G. Murugan	FDP	1	Outcome based Curriculum Development	NITTTR, Chandigarh	11.09.2023 to 15.09.2023	5 Days
7	Mrs. S. Suganya	FDP	3	Ethical Hacking	SSMIET, Dindigul	12.02.2024 to 17.02.2024	6 Days
				Innovation, Incubation and Research Challenges in India	Sree Shakthi College of Engineering, Coimbatore	25.12.2023 to 30.12.2023	6 Days
				Modern Research Convergence in Next Generation Computing	Shri Krishna college of Engineering	18.012.2023 to 22.12.2023	5 Days
8	Ms. N. Anu Lavanya	FDP	3	Ethical Hacking	SSMIET, Dindigul	12.02.2024 to 17.02.2024	6 Days
				Electric Vehicles	SSMIET, Dindigul	29.12.2023 to 12.01.2024	15 Days

				Principles of Outcome based Education	Vmedulife Software	25.04.2024	1 Day
9	Mrs. J. Dhanalakshmi	FDP	5	Ethical Hacking	SSMIET, Dindigul	12.02.2024 to 17.02.2024	6 Days
				Cloud Infrastructure (AWS)	PSNA College of Engineering and Technology, Dindigul	21.08.2023 to 25.08.2023	5 Days
				Modern Research Convergence in Next Generation Computing	Shri Krishna college of Engineering	18.012.2023 to 22.12.2023	5 Days
				Data Analyst	Andhra Pradesh Skill Development Corporation	19.06.2023 to 23.06.2023	5 Days
				Embedded Systems and IoT	SSMIET (Enthu Technology)	04.01.2024 to 05.01.2024	2 Days
		Workshop	1	Orientation Workshop organized by Regional Coordinating Institute	The Gandhigram Rural Institute, Dindigul - Unnat Bharat Abhiyan	29.08.2023	1 Day
10	Mrs. N.J. Divya	FDP	7	Ethical Hacking and Cyber Security	SSMIET, Dindigul	19.02.2024 to 24.02.2024	6 Days
				CB3491-Cryptography and cyber security	PSNA, Dindigul	22.05.2023 to 28.05.2023	1 Week
				Embedded Systems and IoT	SSMIET (Enthu Technology)	04.01.2024 to 05.01.2024	2 Days
				Generative AI and Cyber Security	Reva University, Bengaluru	24.07.2023 to 28.06.2023	5 Days
				Cyber security	Nester Academy (online)	4-11-23	1 Day
				Applied Cloud Computing for Full Stack Web Development	Online	04.12.2023 to 08.12.2023	5 Days
				National Intellectual Property Awareness Mission	Intellectual Property Office, India	05.03.24	1 Day

11	Mrs. A. Padma Priya	FDP	2	Image Processing & Applications with Quantum Computing	ATAL - Christian College of Engineering and Technology	16.10.2023 to 21.10.2023	6 days
				Principles of Outcome based Education	Online	25.04.2024	1 Day
12	Mrs. T. Rani Mangammal	FDP	3	Embedded Systems and IoT	SSMIET (Enthu Technology)	04.01.2024 to 05.01.2024	2 Days
				Big Data Computing	NPTEL	Aug to Oct 2023	8 weeks
				Principles Outcome Based Education	Online	25.04.2024	1 Day
13	Mr. R. Ravi	FDP	1	Foundation of Cloud IoT Edge ML	NPTEL	Feb to Apr 2024	8 weeks
14	Mr. P. V. Samuvel Devakumar	FDP	3	Embedded Systems and IoT	SSMIET (Enthu Technology)	04.01.2024 to 05.01.2024	2 Days
				Principle Outcome Based Education	Online	25.04.2024	1 Day
				Cyber Security	Online	11.04.2023	1 Day
15	Ms. V.Sudharsana	FDP	1	Big Data Computing	NPTEL	Aug to Oct 2023	8 weeks
16	Ms. M. Nanmalar	FDP	1	Research Paper Writing and Publications in SCI	MSME - Pencil Bitz	23.05.2024 to 29.05.2024	6 days
		Total	52				

Academic year 2022-23

S.No	Name of the Faculty Member	FDP/Work shop	No of FDPs	Title of the FDP	Organization	Duration (from-to)	No. of Days
1	Dr. C. Sujatha	FDP	3	NBA Accreditation and Teaching Learning in Engineering	NPTEL	Jan to Apr 2023	12 weeks
				Recent trends in VLSI and Nano Electronics	Sree Vidyanikethan Engineering College, Tirupati	04.07.2022 to 09.07.2022	6 Days
				Outcome based Education(OBE) in Computer Science Discipline	Marian College, Kuttikkanam	08.12.2022 to 15.12.2022	7 Days
		Workshop	1	Designing and Modelling of IoT, AI and ML Systems	AICTE - ATAL	01.08.2022 to 05.08.2022	5 Days
2	Dr. V. Nivedhitha	FDP	1	Artificial Intelligence and Cybersecurity	Shri Vishnu Engineering college	01.11.22 to 05.11.22	5 Days
3	Dr. G. Prabu	FDP	2	Artificial Intelligence and Machine Learning	SSM Institute of Engineering Technology joined with Maxelerator Foundations , Madurai	6.2.23 to 10.2.23	5 Days
				Design and Development of Industry led Curriculum In Technological Era	Maharaja Institute Of Technology , Kattachira	14.12.22 to 22.12.22	9 Days
		Lecture Series	1	Incorporating Python Computation in classroom teaching for Mechanical Engineering subjects	Ramco Institute of Technology, Rajapalayam	20-12-2022	1 Day
4	N. Padma Priya	FDP	1	Outcome based Education(OBE) in Computer Science Discipline	Marian College, Kuttikkanam	08.12.2022 to 15.12.2022	7 Days
5	N.Anu Lavanya	FDP	5	Cloud Infrastructure (AWS)	Chalapathi Institute of Technology	22.05.23 to 28.05.23	7 Days

				Current Trends in Information Technology	MEASI Institute of IT	26.09.22 - 30.9.22	5 Days
				Recent trends in AI and Cyber security	Shri vishnu Engineering college for women	1.11.22 - 5.11.22	5 Days
				Artificial Intelligence and Data science	Aditya college of engineering	11.07.22 to 16.07.22	6 Days
				Amazon Web Services	Kuppam Engineering College	22.08.2022 - 27.08.2022	6 Days
		Workshop	2	Artificial Intelligence	Pantech future conclave	24.11.22	1 Day
				Smart Military Based Technology Challenges and Innovations	Sethu Institute of Technology	08.12.2022 - 09.12.2022	2 Days
6	N.J. Divya	FDP	4	Artificial Intelligence and Machine Learning	SSMIET, Dindigul	6.2.23 to 10.2.23	5 Days
				Cryptography and Cyber Security	PSNACET, Dindigul	24.05.2023 to 28.05.2023	5 Days
				Artificial Intelligence and Data Science	Aditya college of engineering	11.07.20200 to 16.07.2022	6 Days
				Amazon Web Services	Kuppam Engineering College	22.08.2022 - 27.08.2022	6 Days
7	K. Sureka	FDP	3	Recent Trends in Artificial Intelligence and Cyber Security	Shri Vishnu Engineering College for Women, Bhimavaram	01.11.2022 to 05.11.2022	5 Days
				Outcome based Education(OBE) in Computer Science Discipline	Marian College, Kuttikkanam	08.12.2022 to 15.12.2022	7 Days
				Research Methodology	PPG College of Arts and Science, Coimbatore	12.12.2022 to 19.12.2022	7 Days
		Workshop	1	Cyber security	Newton's group of institutions	3.12.22	1 Day

8	J. Dhanalakshmi	FDP	6	Artificial Intelligence and Machine Learning	SSMIET, Dindigul	6.2.23-10.2.23	5 Days
				Fundamentals of Data Science and Analytics	PSG Institute of Technology and Applied Research	2.2.23 to 6.2.23	5 Days
				IoT and its Application	NITTR ,Chandigarh	05.12.22 to 09.12.22	5 Days
				Recent trends in AI and Cyber security	Shri vishnu Engineering college for women	1.11.22 to 5.11.22	5 Days
				Real Time Application for Blockchain and IoT	Dr.T.Thimmaiah Institute of Technology	7.11.22 to 11.11.22	5 Days
				Data Analyst	Andhra Pradesh State Skill Development Corporation	19.06.2023 to 23.06.2023	5 Days
		Workshop	1	Amazon Web Services	Research Foundation of India	22-08-2022	1 Day
9	M. Moohambikai	FDP	3	Artificial Intelligence and Machine Learning	SSMIET	6.2.23 to 10.2.23	5 Days
				SDC-Machine Learning with Applications to Object Recognition	Anna University, MIT campus	19.01.23 to 25.01.23	6 Days
				Artificial Intelligence and Cyber Security	Shri Vishnu Engineering College	From 01.05.2022	One Week
		Workshop	1	Cyber security	Newton's group of institution	3.12.22	1 Day
10	S. Suganya	FDP	3	Implementation of OBE and NEP	SSMIET	19/12/2022 - 23/12/2022	5 Day
				Medical Image Processing	Electronics and ICT Academies at IIT Roorkee,	22.08.2022 to 02.09.2022	40 Hours
				Recent Trends in Artificial Intelligence and Cyber security	Shri vishnu Engineering college for women	01.11.2022 to 05.11.2022	5 Days

11	G. Murugan	FDP	2	Recent trends in AI and Cyber security	Shri vishnu Engineering college for women	1.11.22 to 5.11.22	5 Days
				Wireless Networks	NITTTR, Chandigarh	26.09.2022 to 30.09.2022	5 Days
		Workshop	2	5G Wireless Communication	A.V.C College of Engineering	03.12.2022	1 Day
				Cyber security	Newton's group of institutions	3.12.22	1 Day
12	A. Aldo Tenis	FDP	1	Outcome Based Education in computer science discipline	Marine college, kuttikkanam, Kerala(online)	08.12.2022 to 15.12.2022	7 Days
		Workshop	1	Deep Learning	Pan-Tech E learning	11-11-22 to 11-12-22	30 Days
		Total	44				

5.7 RESEARCH AND DEVELOPMENT

5.7.1. Academic Research

List of Doctorates

S.No.	Name of the Faculty	Year of Passing	University Name
1	Dr. C. Sujatha, Prof. & Head/CSE	2016	Anna University
2	Dr. G. Prabu, AsP/CSE	2021	Periyar Maniammai University
3	Dr. S. Sudhakar, AsP/CSE	2023	Anna University
4	Dr. M. Nanmalar, AP/CSE	2024	Anna University
5	Dr. A. Aldo Tennis AsP/CSE	2024	Karpagam Academy of Higher Education
6	Dr. K. Ganapriya AsP/CSE	2022	Anna University

List of Ph.D. Pursuing Faculty

S.No	Name of the Faculty	Reg No.	Year of Registration	Supervisor name	University Name	Research Area
1.	Mrs. M. Moohambikai, AP/CSE	23234797141	July 2023	Dr. M. Jeyalakshmi, Prof. /SSMIET	Anna University	Deep Learning
2.	Mrs. K. Sureka, AP/CSE	24244791140	Jan 2024	Dr. M. Jeyalakshmi, Prof. /SSMIET	Anna University	Image Processing
3.	Mrs. S. Suganya, AP/CSE	24234791153	Jan 2024	Dr. M. Buvana, AsP/PSNA	Anna University	Deep Learning
4.	Mrs. J. Dhanalakshmi, AP/CSE	22234791227	Jan 2022	Dr. N. Pandeewari, AsP/PSNA	Anna University	Block chain/ Cloud Computing
5.	Mrs. T. Rani Mangammal, AP/CSE	24244791541	Jan 2024	Dr. M. K. Kavitha Devi Prof. /TCE, Madurai	Anna University	Deep Learning
6.	Mrs. A. Padma Priya AP/CSE	25244791455	Jan 2025	Dr. G. Ananthi AsP/ TCE, Madurai	Anna University	Immersive communication
7	Mrs. D. Rekha AP/CSE	25229791178	Jan 2025	Dr. S. Karthigai Lakshmi Prof. / SSMIET	Anna University	Computer Vision

8	Mr. P. V. Samuel Devakumar	252941382	July 2025	Dr. S. Gopinath Prof. / ECE, Karpagam Institute, Coimabatore	Anna University	Blockchain / Wireless sensor Networks
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List of Supervisor Details

S.No	Name of the supervisor	University	Number of scholars	Supervisor Reference Number
1.	Dr.C.Sujatha, Prof. & Head/CSE	Anna University	4	2940046

Ph.D. Guided Details

S.No.	Name of the supervisor	Name of the scholar	Register Number	PT/FT	Year of registration of the scholar
1	Dr.C.Sujatha, Prof. & Head/CSE	Karthik S	21144791344	PT	2021
		Saranya G	21244791490	PT	2021
		Helora Padmini S	22224791354	FT	2022
		Pandi Selvi J	1623479244	PT	2016

Journal Publication Details

S. No	Academic Year	SCI	Scopus	UGC	Peer Review	Total
1	2024-2025	3	11	2	0	16
2	2023-2024	0	7	1	12	20
3	2022-2023	0	2	3	4	9
Total		3	20	6	16	45

Conference Details

S. No	Academic Year	Number of Conferences
1	2024-2025	10
2	2023-2024	5
3	2022-2023	13
Total		28

Details of Total Publications

S.No	Year of Publication	Number of Papers Published			
		Year of Publication	Journal	conference	Total
1	2024-25	2024-25	16	10	26
2	2023-24	2023-24	20	5	25
3	2022-23	2022-23	9	13	22

Department staff Publications details

Details of staff publications in refereed /SCI Journals

S.No	Name of the Staff	2024-2025	2023-2024	2022-2023
1	Dr. C. Sujatha, Prof. & Head	2	2	2
2	Dr. G. Prabu	3	1	-
3	Dr. S. Sudhakar	3	-	-
4	Dr. A. Aldo Tennis	2	4	-
5	Mrs, M. Moohambikai	-	1	-
6	Mrs. K. Sureka	1	1	-
7	Mrs. A. Padma Priya	1	2	-
8	Mrs. S. Suganya	3	2	2
9	Mrs. J. Dhanalakshmi	1	1	1
10	Mrs. T. Rani Mangammal	-	2	-
11	Ms. V. Sudharsana	-	1	-
12	Dr. M. Nanmalar	1	-	
13	Mr. G. Murugan	-	1	-
14	Ms. N. J. Divya	-	3	1
15	Ms. N. Anulavanya	-	-	3

Details of Publications

Details of Patent/ Copyright

S.No	Inventor	Topic	Application Number	Date	Status
1.	Dr. S. Sudhakar, AsP/CSE	An Efficient Resnet Architecture for the Segmentation of Spine Medical Images	2025410086 46	14.02.2025	Published
2	Dr. A. Aldo Tennis, AsP/CSE	Talk-to-Text Translator	6366662	03.06.2024	Published
3	Dr. A. Aldo Tennis, AsP/CSE	Smart Attendance Systems in E-Learning: Harnessing IoT and AI for Enhanced Classroom Analytics	20221105548 0 A	01.03.2024	Published
4	Mrs. M. Moohambikai, AP/CSE	Smart Stress detection device	6336264	13.01.2024	Published
5	Dr. V. Nivedhitha, AsP/CSE	Application of NB-IoT in Low Power Radio Frequency Identification	202041008872	24.04.2020	Published

JOURNAL PUBLICATION DETAILS

Journal papers 2024-2025

S. No	Name of the Faculty	Title of the Paper	Journal Title	Publishers Name	ISSN Number/IS BN Number	Volume Number, Issue Number	Year of Publication	Indexing Detail	Journal Link
1	Dr. C. Sujatha	An automated and Lightweight Recursive Kernel Optimized Network (LReKON) learning model for cervical cancer diagnosis	Knowledge-Based Systems	Elsevier	1872-7409	vol 323, 113742	1 July 2025	SCIE	https://www.sciencedirect.com/science/article/abs/pii/S0950705125007889
2	Dr. G. Prabu, Dr. C. Sujatha	SFFHO: Development of Statistical Fitness-based Fire Hawk Optimizer for Software Testing and Maintenance Approach using Adaptive Deep Learning Method	Journal of Electronic Testing	Springer	1573-0727	Volume 41, pages 313–338	June 2025	SCIE	https://link.springer.com/article/10.1007/s10836-025-06177-3
3	Dr. M. Nanmalar	A Feature Engineering Approach for Literary and Colloquial Tamil Speech Classification using 1D-CNN	Speech Communication	Elsevier	1872-7182	Volume 173, September 2025, 103254	May 2025	SCIE	A feature engineering approach for literary and colloquial Tamil speech classification using 1D-CNN - ScienceDirect

4	Dr. G. Prabu	Solving economic emission dispatch of combined heat and power units problem using enhanced Tasmanian devil optimization strategy in power systems.	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	Taylor & Francis	15567036	Volume 46, No. 1, 14012–14032	Oct 2024	Scopus	https://www.tandfonline.com/doi/full/10.1080/15567036.2024.2404260
5	Dr. A. Aldo Tenis	Smart IoT Data Handling Using Deep Learning and Data Mining Approaches	Journal of Information Systems Engineering and Management	JISEM	2468-4376	volume 10, issue 48s	May-25	Scopus	https://www.researchgate.net/publication/392174599_Smart_IoT_Data_Handling_Using_Deep_Learning_and_Data_Mining_Approaches
6	Dr. G. Prabu	Unlocking the Power of UPI: A Machine Learning Journey through	2025 International Conference on Data Science, Agents & Artificial Intelligence (ICDSAAI)	IEEE	ISBN:979-8-3315-3755-5	pp. 1-7	March 2025	Scopus indexed	https://ieeexplore.ieee.org/abstract/document/11011846
7	Dr. S. Sudhakar	A Framework for the Tuberculosis Detection through CXR using Deep Learning Networks	ICCPCT 2024 7th International Conference	IEEE	979-8-3503-7281-6	pp1511-1515	August 2024	Scopus indexed	https://ieeexplore.ieee.org/document/10672850/authors#authors

8	Dr. S. Sudhakar	Detection of Diabetic Retinopathy Through Application of Deep Learning Technique	Proceedings of ICRTC 2024	Springer Link- LNNS Book series	978-981-97-8836-7_29	Volume 885, pp 353-368	March 2025	Scopus indexed	https://link.springer.com/chapter/10.1007/978-981-97-8836-1_29
9	Dr. A. Aldo Tenis	Deep Learning-Driven Real-Time Facial Recognition for Enhanced Security	IEEE-Asian Conference on Intelligent Technologies	IEEE	979-8-3503-7495-7	Volume 10941142	Sep-24	Scopus indexed	https://ieeexplore.ieee.org/abstract/document/10939332
10	Mrs. K. Sureka	Heart Disease Health Care Prediction Based on Enhanced Linear Support Vector	Sixth International Conference on Artificial Intelligence and Smart Environments (ICAISE2024), Morocco	Springer, Cham	978-3-031-90921-4	(LNNS, volume 1397	May 2025	Scopus indexed	https://link.springer.com/chapter/10.1007/978-3-031-90921-4_1
11	Mrs. S. Suganya	Autism Spectrum Disorder (ASD) Classification using Deep Learning	I-SMAC(IoT in Social,Mobile, Analytics and Cloud) 20240	Purwanchal Campus, Institute of Engineering, Tribhuvan University, Nepal	979-8-3503-7643-2	23 October 2024	Oct 2024	Scopus indexed	https://ieeexplore.ieee.org/document/10714781
12	Mrs. S. Suganya	Machine Learning Based Traffic Congestion and Accident Prevention Analysis	Advances in Artificial Intelligence and Machine Learning in Big Data Processing	S.A. ENGINEERING COLLEGE Chennai	978-3-031-73068-9	CCIS, volume 2203	Oct 2024	Scopus indexed	https://link.springer.com/chapter/10.1007/978-3-031-73068-9_9#citeas

13	Mrs. J. Dhanalakshmi	Blockchain Enabled Security and Integrity in Cloud Computing	I-SMAC(IoT in Social,Mobile, Analytics and Cloud) 2024	Purwanchal Campus, Institute of Engineering, Tribhuvan University, Nepal	2768-0673	23 October 2024	Oct 2024	Scopus indexed	https://ieeexplore.ieee.org/document/10714885
14	Dr. S. Sudhakar, Mrs. A. Padma Priya	A CNN-Driven Deep Learning Approach for Detecting Leukemia in Microscopic Images	Industrial Engineering Journal	UGC Care	0970-2555	Vol 54, Issue 5, No. 5	2025	UGC Care Group 1	http://www.journal-iiie-india.com/1_may_25/17.5_may.pdf
15	Mrs. S. Suganya	Hybrid Medical Image Compression	Industrial Engineering Journal	UGC Care	0970-2555	Vol 54, Issue 3, No. 1	May 2025	UGC Care Group 1	http://www.journal-iiie-india.com/1_mar_25/8.1.pdf

Journal papers 2023-2024

S. No	Authors Name	Title of the Paper	Journal	Publishers Name/ College Name	ISSN Number/I SBN Number	Volume Number, Issue Number	Year Of Publication	Indexing Details	Journal link
1	Sujatha C	A Survey on Logic-Locking Characteristics and Attacks	Journal of the Institution of Engineers (India): Series B (Springer)	Springer	2250-2114	Vol-105 Issue-4	March 2024	Scopus	https://doi.org/10.1007/s40031-024-01017-y
2	Sujatha C	A Novel Framework Leveraging Adam Optimization Techniques, Coupled with Mask R-CNN Deep Learning Mechanisms for Cervical Cancer Detection System	2024 3rd International Conference on Applied Artificial Intelligence and Computing (ICAAIC)	IEEE	979-8-3503-7519-0	233-245	June 2024	Scopus	10.1109/ICAAIC60222.2024.10575440
3	Aldo Tenis A	Modelling An Efficient URL Phishing Detection Approach Based on A Dense Network Model	Computer Systems Science and Engineering (Tech Science Press)	Tech Science Press	2625-2641	Vol -47 Issue-2	July 2023	Scopus	https://doi.org/10.32604/csse.2023.036626
4	Aldo Tenis A	Modelling of an Adaptive Network Model for Phishing Website Detection Using Learning Approaches	Fusion: Practice And Applications	American Scientific Publisher Group (ASPG)	2692-4048	Vol-12 Issue 2	June 2023	Scopus	https://doi.org/10.54216/FPA.120213

5	Divya N J	Privacy-Aware IOT Based Multi-Disease Diagnosis Model For Healthcare System	Taylor & Francis Group – Book chapter	CRC Press	9781003429609	Vol- 1	March 2024	Scopus	http://surl.li/lsyrda
6	Suganya S Sureka K	An Intelligence Security Architecture for Mitigating DDOS Attack In Cloud IOT Environment	International Conference on Expert Clouds And Applications (ICOECA) – Springer	Springer	978-981-99-1745-7	Vol- 673	July 2023	Scopus	https://doi.org/10.1007/978-981-99-1745-7_4
7	Divya N J	AE-Obi-LSTM: An Efficient IOT Wearable Devices for Cardiovascular Disease Prediction	International Conference on Expert Clouds and Applications	Springer	978-3-031-64636-2	Vol -14849	August 2024	Scopus	https://doi.org/10.1007/978-3-031-64636-2_14
8	Suganya S	A Deep Learning Approach for Autism Classification in Children Using Multi-Layer Perceptrons	Industrial Engineering Journal	Indian Institution of Industrial Engineering	0970-2555	Vol- 53 Issue 5	May 2024	UGC Care	http://surl.li/chrhza
9	Sujatha C	Exploring Deep Learning Algorithms for Martian Terrain Classification: A CNN-Driven Approach for Landslide Identification and Real Time Visualization Via An Institute App	International Journal of Multidisciplinary Educational Research	IJMER	2277 - 7881	Vol-12 Issue- 10(3)	October 2023	Non-SCI	https://s3-ap-southeast-1.amazonaws.com/ijmer/pdf/volume12/volume12-issue10(3)/20.pdf
10	Aldo Tenis A	Compassionate Veterinary Care Platform	International Journal for Research in Applied Science and	IJRASET	2321-9653	Vol 12 Issue 4	April 2024	Non-SCI	https://doi.org/10.22214/ijraset.2024.61130

			Engineering Technology						
11	Prabu G	A Machine Learning Method for Predicting Disease Based on Symptoms	International Journal of Scientific Research in Engineering and Management	IJSREM	2582-3930	Vol-8 Issue-05	May 2024	Non-SCI	https://shorturl.at/pbaZm
12	Moohambikai M	Developing An Adaptive Learning System Using Machine Learning	International Journal of Research and Analytical Reviews	IJRAR	2348-1249	Vol -11 Issue 2	May 2024	Non-SCI	https://ijrar.org/download.php?file=IJRAR24B2698.pdf
13	Murugan G	Virtual Mouse: Fusion Of Hand Gestures and Eye Tracking	Journal of Emerging Technologies and Innovative Research	JETIR	2349-5162	Vol -11 Issue 4	April 2024	Non-SCI	https://www.jetir.org/papers/JETIR2404H22.pdf
14	Dhanalakshmi J	Identification of Missing Person Using CNN	International Journal of Innovative Science and Research Technology	IJISRT	2456-2165	Vol- 9 Issue 4	April – 2024	Non-SCI	https://doi.org/10.38124/ijisrt/IJISRT24A PR2690
15	Divya N J	An Automated Fish Feeding System and Aquaculture Monitoring Using IOT Device	International Journal of Research and Analytical Reviews	IJRAR	2348-1269	Vol-11 Issue 2	April- 2024	Non-SCI	https://ijrar.org/download.php?file=IJRAR24B2549.pdf
16	Sudharsana Padma Priya A Ranimangammal T	Crime Reporting and Tracking System Using Online Platform	International Journal of Creative Research Thoughts	IJCRT	2320-2882	Vol-12 Issue 6	June 2024	Non-SCI	https://www.ijcrt.org/papers/IJCRT2406249.pdf

17	Ranimangammal T	Green Market OASIS	International Journal for Science and Advance Research in Technology	IJSART	2395-1052	Vol-10 Issue 5	MAY 2024	Non-SCI	https://ijsart.com/Content/PDFDocuments/IJSARTV10I590828.pdf
18	Samuel Devakumar P	Wellness Whisperer Chatbot	Journal of Emerging Technologies and Innovative Research	JETIR	2349-5162	Vol- 11 Issue 5	May 2024	Non-SCI	https://www.jetir.org/papers/JETIR2405189.pdf
19	Aldo Tenis A	Image Metadata Viewer or Editor	International Journal for Research in Applied Science and Engineering Technology	IJRASET	2321-9653	Vol-11 Issue 5	May 2023	Non-SCI	https://doi.org/10.22214/ijraset.2023.52211
20	Padma Priya A	An Automated Itinerary Planning and Trip Management System	International Journal of Creative Research Thoughts	IJCRT	2320-2882	Vol- 12 Issue 5	May 2024	Non-SCI	https://www.ijcrt.org/papers/IJCRT24A5217.pdf

Journal papers 2022-2023

S. No	Authors Name	Title of the Paper	Journal	Publisher Name/ College Name	ISSN Number/ ISBN Number	Volume Number, Issue Number	Year Of Publication	Indexing Details	Journal link
1	Sujatha C	Design Of Spider Web Spaced Antenna for Medical Applications	AIP Conference Proceedings	AIP Publisher	060005 (2022)	Vol-2518, Issue 1	September 2022	Scopus	https://doi.org/10.1063/5.0103778
2	Sujatha C	An adaptive scheduling based communication in 5G network	AIP Conference Proceedings	AIP Publisher	060002 (2022)	Vol-2518, Issue 1	September 2022	Scopus	https://doi.org/10.1063/5.0104071
3	Suganya S	Inappropriate Language and Hate Speech Recognition	Industrial Engineering Journal	IIIEJ	0970-2555	Vol- 52, Issue 6	June - 2023	UGC Care	http://www.journal-iiie-india.com/1_june_23/26.1_6.pdf
4	Suganya S	Prediction System for Bigmart Sales Using Machine Learning	Industrial Engineering Journal	IIIEJ	0970-2555	Vol- 52, Issue 5	May - 2023	UGC Care	http://www.journal-iiie-india.com/1_may_23/46_online.pdf
5	Dhanalakshmi J	Block chain Based Multi Disease Prediction Using Support Vector Machine Algorithm	Industrial Engineering Journal	IIIEJ	0970-2555	Vol-52, Issue 5	May - 2023	UGC Care	http://www.journal-iiie-india.com/1_may_23/4.3.pdf
6	AnuLavanya N	Virtual Joystick Application	International Journal of Scientific Research in Engineering & Management	IJSREM	2582-3930	Vol-7 Issue06	June - 2023	Non-SCI	https://ijsrem.com/download/virtual-joystick-application/?wpdm_dl=20593&refresh=66da8f399f4b71725599545

7	Anu Lavanya N	Smart Restaurant Management Application	International Journal for Science and Advance Research in Technology	IJSART	2395-1052	Vol-9, Issue 5	May 2023	Non-SCI	https://ijsart.com/Content/PDFDocuments/IJSARTV9I563891.pdf
8	Anu Lavanya N	Malware Analysis and Detection for Different File Format Using KNN	International Journal for Science and Advance Research in Technology	IJSART	2395-1052	Vol-9, Issue 5	May 2023	Non-SCI	https://ijsart.com/Content/PDFDocuments/IJSARTV9I563891.pdf
9	Divya N J	Prediction Of Crop Yield & Weather Forecasting in Farmland Using Sensor Data	International Journal of Research and Analytical Reviews	IJRAR	2348-1269	Vol-10 Issue 2	May 2023	Non-SCI	https://www.ijrar.org/papers/IJRAR1CZP003.pdf

CONFERENCE PUBLICATION DETAILS

Academic Year 2024-2025

S. No	Name of the Faculty	Title of the Paper	Conference Title	Institute name/Publishers Name	ISSN Number/ISBN Number	Year of Publication
1	Dr. G. Prabu	Unlocking the Power of UPI: A Machine Learning Journey through	2025 International Conference on Data Science, Agents & Artificial Intelligence (ICDSAAI)	Chennai Institute of Technology/IEEE/	ISBN:979-8-3315-3755-5	March 2025
2	Dr. S. Sudhakar	A Framework for the Tuberculosis Detection through CXR using Deep Learning Networks	ICCPCT 2024 7th International Conference	Baselios Mathews II College of Engineering/IEEE	979-8-3503-7281-6	August 2024
3	Dr. S. Sudhakar	Detection of Diabetic Retinopathy Through Application of Deep Learning Technique	Proceedings of ICRTC 2024	Springer Link- LNNS Book series	978-981-97-8836-7_29	March 2025
4	Mrs. K. Sureka	Heart Disease Health Care Prediction Based on Enhanced Linear Support Vector	Sixth International Conference on Artificial Intelligence and Smart Environments (ICAISE2024), Morocco	Springer, Cham Errachidia, Morocco	978-3-031-90921-4	May 2025
5	Mrs. S. Suganya	Autism Spectrum Disorder (ASD) Classification using Deep Learning	I-SMAC(IoT in Social,Mobile,Analytics and Cloud) 20240	IEEE/Purwanchal Campus,Institute of Engineering,Tribhuvan University,Nepal	2768-0673	Oct 2024

6	Mrs. S. Suganya	Machine Learning Based Traffic Congestion and Accident Prevention Analysis	Advances in Artificial Intelligence and Machine Learning in Big Data Processing	Springer Nature Link / S.A Engineering College, Chennai	978-3-031-73068-9	Oct 2024
7	Mrs. J. Dhanalakshmi	Blockchain Enabled Security and Integrity in Cloud Computing	I-SMAC(IoT in Social,Mobile,Analytics and Cloud) 2024	IEEE/Purwanchal Campus,Institute of Engineering,Tribhuvan University,Nepal	2768-0673	Oct 2024
8	Dr. S. Sudhakar	Solar Power based Smart Weather Station	National Level Conference on Networking and Communication (NETCOMM 2025)	RMD Engineering College, Thiruvallur	-	April 2025
9	Dr. A. Aldo Tenis	Measuring the effectiveness of security training: Insights from real Phishing data	International Conference on Computational Intelligence 2025	K Ramakrishnan College of Engineering, Trichy, Tamil Nadu	978-93-341-9441-8	March, 2025
10	Dr. A. Aldo Tenis	Virtual mouse using hand gesture recognition : A Natural Interface control system	International conference on sustainable energy and innovation technology (ICSEIT, 2K25)	Stella Mary's College of Engineering, Nagercoil, Tamilnadu	979-93-342-0319-6	April 2025

Conference Publication Details

Academic Year 2023 – 2024


S. No	Name of the Faculty	Title of the Paper	Conference Title	Institute name	Year of Publication
1	M. Moohambikai, A. Aldo Tenis	Machine Learning and AI Tool Predicts Parkinson Disease	International Conference on Advancements Research & Development 2024	Indira Priyadhashini Govt College for Women, Hyderabad & RSB Conf.Hub Coimbatore	Jan 2024
2	A. Aldo Tenis	A Novel Learning Approach for Phishing Website Prediction Dense Network Model	15th Annual Research Congress	Karpagam Academy, Coimbatore	Dec 2023
3	S. Suganya	CNN based Crop Disease Recognition with Leaf Image Features and Arial Data	Fourth International Conference on Robotics, Intelligent Automation and Control Technologies (RIACT 2023)	VIT, Chennai	Oct 2023
4	S. Suganya	Machine Learning Based Traffic Congestion and Accident Prevention Analysis	International Conference on Advances in Artificial Intelligence and Machine Learning in Big Data Processing (AAIMB-23)	PSNA, Dindigul	2023
5	S. Suganya	An Intelligent Security Architechture for mitigating DDos attack in Cloud IoT	International Conference on Expert Clouds and Applications (ICOECA 2023)	RV College of Engineering, Bengaluru	Feb 2023

Conference Publication Details**Academic Year 2022 – 2023**

S. No	Name of the Faculty	Title of the Paper	Conference Title	Institute name	Year of Publication
1	Sujatha C	Design of Spider Web Spaced Antenna For Medical Applications	AIP Conference Proceedings	AIP Publisher	Sep 2022
2	Sujatha C	An adaptive scheduling based communication in 5G network	AIP Conference Proceedings	AIP Publisher	Sep 2022
3	Sujatha C	A survey on Smart water management systems for contemporary world and Great beyond	National Conference and Exhibition on Rural Innovations NCERI -2023	SSM Institute of Engineering and Technology	March 2023
4	M.Moohambikai, K. Sureka, S. Suganya, J. Dhanalakshmi, A. Aldo Tenis	Cloud based IOT System for Industrial Waste Water Management	National Conference and Exhibition on Rural Innovations NCERI -2023	SSM Institute of Engineering and Technology	March 2023
5	K. Sureka	Edit Based Approach to Text Generation	International Conference for information and Communication Engineering	Care College, Coimbatore	April 2023
6	K. Sureka, S. Suganya	An intellengent security Architecture for mitigating DDOS attack in CloudIOT Environment	International Conference on Expert Cloud and Applications	RV college of Engineering, Bengaluru	Feb 2023

7	A. Aldo Tenis	A Novel Phishing Website Prediction Model - Hybridisation of Dense Network Model	14th Annual Research Congress	Karpagam Academy of Higher Education	ec 2022
8	S.Suganya	Automatic Fish Classification System Using Deep Learning	International Conference on Information and Communication Engineering -23	Care College of Engineering, Trichy	April 2023
9	N. Padmapriya	Detecting Object And Text- Converting To Speech	National Conference and Exhibition on Rural Innovations NCERI -2023	SSM Institute of Engineering and Technology	March 2023
10	N. Padmapriya	Deep Learning Based Poultry Disease Detection	National Conference and Exhibition on Rural Innovations NCERI -2023	SSM Institute of Engineering and Technology	March 2023
11	N. Anu Lavanya	Malware Analysis and Detection for Different File Formats Using KNN Algorithm	International Conference on Information and Communication Engineering (ICICE'23)	Care College of Engineering, Trichy	April 2023
12	J. Dhanalakshmi	Blockchain based Multi Disease Prediction using Support Vector machine Algorithm	International Conference on "Emerging Trends in Science, Technology, Engineering and Management '23" (ICESTEM - 23)	Bharath Niketan Engineering College	April 2023
13	N.J Divya	Prediction of Crop Yield & Weather Forecasting in Farmland using Sensor Data	International Conference on Information and Communication Engineering (ICICE'23)	CARE College of Engineering, Trichy	April 2023

Department Google Scholar Citations



SSMIET CSEDEPT
SSM Institute of Engineering and Technology
Verified email at ssmiet.ac.in
Computer Science and Eng...

TITLE

CITED BY

YEAR

☐

[A Survey on Logic-Locking Characteristics and Attacks](#)
K Subbiah, S Chinnathevar
Journal of The Institution of Engineers (India): Series B 105 (4), 1073-1087

1

2024

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[AE-Obi-LSTM: An Efficient IOT Wearable Devices for Cardiovascular Disease Prediction](#)
N.J Divya, NS Kumar, RK Devi, M Muthukannan
International Work-Conference on Bioinformatics and Biomedical Engineering ...

2024

☐

[A novel framework leveraging adam optimization techniques, coupled with mask R-CNN deep learning mechanisms for cervical cancer detection system](#)
G Saranya, C Sujatha
2024 3rd International Conference on Applied Artificial Intelligence and ...

1

2024

☐

[Crime Reporting And Tracking System Using Online Platform](#)
SPPA Ranimangammal T
International Journal Of Creative Research Thoughts 12 (6)

2024

☐

[A Novel Framework Leveraging Adam Optimization Techniques, Coupled with Mask R-CNN Deep Learning Mechanisms for Cervical Cancer Detection System](#)
GSC Sujatha
2024 3rd International Conference on Applied Artificial Intelligence and ...

2024

☐

[Empowering Individuals Financial Through Intuitive Tracking And Strategic Budgeting](#)
D S
International Journal Of Research And Analytical Reviews 11 (2)

2024

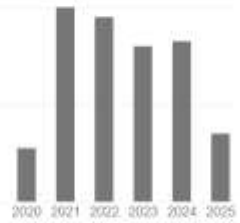
☐

[An Automated Itinerary Planning And Trip Management System](#)

2024

Cited by

	All	Since 2020
Citations	169	169
h-index	4	4
i10-index	2	2



Year	Citations
2020	10
2021	40
2022	38
2023	30
2024	32
2025	15

Co-authors

EDIT

No co-authors

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Faculty citation details

S.No	Name of the faculty	Google scholar citation details			Link
		Content	All	Since 2019	
1	Dr. C. Sujatha	Citations	159	94	https://scholar.google.com/citations?user=SrrYUpkA AAAJ&hl=en
		H-Index	5	4	
		I10-Index	3	2	
2	Dr. G. Prabu	Citations	2	2	https://scholar.google.com/citations?hl=en&user=kDWoVCQAAAAJ&view_op=list_works&sortby=pubdate
		H-Index	1	1	
		I10-Index	0	0	
3	Dr. S. Sudhakar	Citations	106	99	https://scholar.google.com/citations?user=aLsLBkMA AAAJ&hl=en
		H-Index	4	4	
		I10-Index	3	2	
4	Dr. A. Aldo Tennis	Citations	26	26	https://scholar.google.com/citations?user=ioRH7kkA AAAJ&hl=en
		H-Index	3	3	
		I10-Index	1	1	
5	Dr. K. Ganapriya	Citations	26	26	https://scholar.google.com/citations?hl=en&user=ISlsKkEAAAAJ&view_op=list_works&sortby=pubdate
		H-Index	3	3	
		I10-Index	1	1	
6	Dr. M. Nanmalar	Citations	21	21	https://scholar.google.com/citations?hl=en&user=L7f_RJ8AAAAJ&view_op=list_works&sortby=pubdate
		H-Index	2	2	
		I10-Index	1	1	

5.7.2 SPONSORED RESEARCH

S. No.	Academic year	Title	Faculty Name	Funding Agency	Amount
1	2023 -2024	Six Days FDTP on CCS334-Ethical Hacking	Dr. G. Prabu	Anna University	30,000
2	2024-2025	Student Project Scheme - TANSCST	Dr. S. Sudhakar	TamilNadu State Council For Science And Technology, Chennai	7,500

5.7.3. DEVELOPMENT ACTIVITIES

Product Development

Students & faculties are encouraged to do in-house projects that lead to product development.

The list of products developed by the students and faculties are given in below table

S. No	Product Title	Description	Student Name	Faculty Name
1	Vinculo: A Retail Platform	Vinculo is a student-designed e-commerce website for clothing retail, showcasing technical skills and creative entrepreneurship.	VIDHYA SAGAR P UMAR FAROOK J VIJAYKARTHIK S	Dr. C. Sujatha
2	SSMIET College Website Portal	A college website designed, developed, and maintained by students to provide academic and campus-related services	UMAR FAROOK J VIDHYA SAGAR P KISHOR KUMAR S SYED MUSHRAF M NAVEEN KUMAR S	Dr. G. Prabu
3	SSMIET Faculty Feedback System	A digital feedback system enabling students to submit structured evaluations for faculty. Designed to enhance teaching quality through student input and performance insights.	DHIYANESH S ANAND CHARUKESAN K INDHIRARAJ S KISHOR KUMAR S MANOJ KUMAR V	Dr. G. Prabu
4	StubLab: Smart API Prototyping with Swagger, Dynamic Routing & AI Stubbing	StubLab is a smart API prototyping tool with Swagger integration, dynamic routing, and AI-driven stubbing to streamline development and testing.	KARTHEKEYAN M HARINI S DEVAKI R	Dr. S. Sudhakar

5	Stupro: AI Career Assistant with Scheduled Content Storage and Smart Notifications	Stupro is an AI-powered career assistant that stores generated content using scheduled tasks. It supports FCM push notifications and deep linking for seamless content sharing.	BAVANI K MEENA S SANTHANAKALE ESWARI S	Dr.M.Nanmalar
6	SecuroSphere: Scalable Identity Management for Secure Authentication and Access Control	SecuroSphere is a scalable identity platform for secure authentication and access control. It integrates easily with modern apps for flexible, robust security.	JEYARAMAN S JEYA SHREE S KAJALAKSHMI M KARPAGAM S	Mrs. T. Rani Mangammal
7	NextLearn: A Career Discovery and Guidance Application	NextLearn helps users explore career paths and make informed decisions through personalized guidance. It leverages intelligent recommendations to align interests with future opportunities.	RAKSHITHA VP MAHENDRAN. P KISHOR KUMAR S	Mrs. J. Dhanalakshmi

Research Laboratories

The main objectives of Research Laboratory are,

- To organize workshops, Project expo on the use and application of various types of software for Students and faculties.
- To provide facilities of software to faculties and students to enable them to carry out their project and research work

S.No.	Lab Name
1	R&D Lab

Instructional Materials

Details of instructional materials and its availability

S.No	Instructional materials	Location
1	Guidelines	Notice Board
2	Vision and mission	Laboratory
3	List of experiments	Laboratory
4	Lab manual	Laboratory

5	Lab equipment user manual	Laboratory
6	Course handout for theory and practical subjects	Course File
7	Question bank	Course File
8	Study material as PPT, word document	Course File
9	Circular	Notice Board
10	Time table	Class room, Laboratory
11	Project reports	Department Library

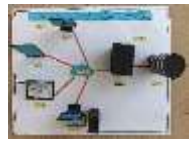


Working Model/Charts/Monograms







Charts

S.No	List of Charts	Location
1	Real Time Project	CSE Lab 2A
2	Phases of Compiler	CSE Lab 2A
3	Data Science Process	CSE Lab 2A
4	UI & UX Design using Figma Tool	CSE Lab 2A
5	IOT Cloud Platform	CSE Lab 2A
6	Pipelining Instruction	CSE Lab 2A
7	Mobile App Development using Cordova	CSE Lab 2B
8	DFA & NFA Example	CSE Lab 2B
9	Network Security	CSE Lab 2B
10	Process of Information Retrieval	CSE Lab 2B
11	Hadoop Architecture	CSE Lab 2B
12	Relation in Computer System Components	CSE Lab 1
13	Towers of Hanoi	CSE Lab 1
14	How python Interpreter works?	CSE Lab 1
15	Python Packages	CSE Lab 1
16	Flow Chart	CSE Lab 1
17	Decision Tree	CSE Lab 3
18	OSI Layer	CSE Lab 3

19	OOPs Concept Program	CSE Lab 3
20	Algorithm Design Techniques	CSE Lab 3
21	OSI Layer	CSE Lab 3
22	Python Dictionaries	CSE Lab 3
23	Design Thinking Process	CSE Lab 3
24	Linear (or) Non-Linear Datastructure	CSE Lab 4
25	Sorting	CSE Lab 4
26	Deadlock And Checkpoints	CSE Lab 4
27	SQL Commands	CSE Lab 4
28	Python Packages And Operators	CSE Lab 1
29	Cloud Storage	CSE Lab 2A
30	Embedded systems and IoT	Project Lab
31	Cyber Security	CSE Lab 2B
32	Dynamic Programming	CSE Lab 4
33	Java Programming	CSE Lab 2A,2B

Working Model

S. No	Academic year	Working model	Domain	Name of the Students	Mentor	Photo
1	2024 -2025	Computer Networking: Client-Server Model	Computer networks	K. Vadivel A. Linkesh Kumar	Dr.S. Sudhakar, AsP/CSE	
2	2024-2025	SQL Commands	Database Management	M.S. Shamhitha Sree M. Sharmili	Mrs. J. Dhanalakshmi AP/CSE	
3	2024-2025	APP Design	UI&UX	N. Sangeeth M. Sandhiya Priya	Mrs. Rani Mangammal AP/CSE	

4	2024 -2025	Smart Home Automation	Embedded Systems and IOT	Jeeva A Dhivyashree M	Dr.S. Sudhakar, AsP/CSE	
5	2023 -2024	KH perfumes	Web Development	M Hirthick Kanna J.Kaleel Ahamed	Mrs. S. Suganya, AP/CSE	
6	2023 -2024	Tower of Hanoi	Python Programming	M Dharani	Mrs. A. Padma Priya, AP/CSE	
7	2023-2024	Electrical Machines Mini Model	Basics of Electronics and Electrical Engineering	M. Dhaarani P Logu prasath	Dr. M. Nanmalar	
8	2023-2024	DC motor and DC generator mini model	Basics of Electronics and Electrical Engineering	T Sangeetha S Yugadharshini	Dr. M. Nanmalar	
9	2023-2024	Python Dictionaries	Python Programming	K Sulochana D Yogalakshmi	Mr. P. V. Samuel Devakumar	

5.7.4. CONSULTANCY (FROM INDUSTRY)

S. No.	Academic year	Project Title	Duration	Funding Agency	Amount
1	2023 -2024	Development of an Online e-commerce Website using MERN stack	3 months	Vinculo	30,000

5.8 FACULTY PERFORMANCE APPRAISAL AND DEVELOPMENT SYSTEM (FPADS)

The college follows the Performance Based Assessment System as prescribed by the AICTE. The system was adopted after a thorough discussion and review. The performance review gives a great opportunity to the concerned faculty and the department to look into the areas for improvement and take necessary remedial steps. The purposes of this evaluation are following:

- Assess and promote excellence in the teaching/learning process.
- Meet the educational needs of students and community by continually monitoring instructional performance.
- Provide a constructive framework for evaluating faculty performance by identifying areas of strength and areas for improvement in the classroom instruction.
- Provide a basis for professional growth and development.

Performance Rating Scale

Rating	Score	Description
5	Greater than 75%	Meritorious Performance
4	75 – 70 %	Significantly Exceeds Expected Level of Performance
3	60 – 69 %	Exceeds Expected Level of Performance
2	50-59 %	Meets the Expected Level of Performance
1	Less than 50 %	Does Not Meet the Expected Level of Performance

Basic Criteria for Faculty Appraisal System

- Percentage of assigned classes taken.
- Innovation in teaching pedagogy.
- Student projects supervised.
- Number of guest lectures, workshops, and seminars organized for the students.
- Extra activities carried out with regard to slow and fast learners.
- MOOC courses completed.
- Proper maintenance of course files as per the prescribed list of contents.
- Awards/recognitions received for excellence in teaching, research, or student projects.
- Papers published in SCOPUS-indexed approved journals.
- Outside consultancies completed during the assessment period.
- Conferences and symposiums organized by the department during the assessment period.

[illegible]

Individual Faculty Appraisal (IFA) screen shot

INDIVIDUAL FACULTY APPRAISAL (dated on 1/6/23)			
Dr. G. Prabu, <i>ASP/CSE</i>		maximum	scored
ACADEMICS(TLP)	Subjects Handled	2	2
	Course Material	1	1
	Results (last 4 semester)	5	4
	TL methods	1	1
	LMS/MOOCs	1	1
INDUSTRY CONNECT	Industrial visits made	2	2
	In plant Training organized	2	2
	Technical Lectures	2	2
	Consultancy *	2	
	Projects/MoUs	2	2
RESEARCH	PhD – A/D/R	3	3
	Scopus Journals	3	-
	Other Publications	2	-
	W/S attended	1	1
	FDP organized	1	1
DEPARTMENTAL CONTRIBUTION	Perception Setting	2	1
	Accreditation	2	2
	Owning Responsibilities	2	2
	Products @Projects	2	2
	Value Added Courses	2	2
COMMITMENT ON INSTITUTION	Admission	5	✓
	Income generated	2	
	Promotional Programs	1	1

	Outreach Initiatives	1	1
	Awards Won	1	-
	Total	50	33

(To be filled by the individual faculty in presence of the Head of the Department and to be submitted to the Principal with his/her Confidential Remarks)

CONFIDENTIAL REMARKS (dated on)					
	E	G	C	S	L
G 21/11/23 3/12/23	Capabilities as a Faculty	✓			
	Acceptance by the Peers & Students		✓		
	Adherence to the Duties		✓		
	Contribution to the Department		✓		
	Integrity	✓			

(Excellent/ Good//Competent /Satisfactory/Liability)

Appreciation Letter



SSM INSTITUTE OF
ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi • Affiliated to Anna University, Chennai
• Accredited by NAAC (2019-24) & NBA(2022-25))

Date: 07.09.2023

Appreciation Letter to Faculty for Good Performance

To:

Mr.G.Murugan,
Assistant Professor,
Department of Computer Science and Engineering,
SSM Institute of Engineering and Technology,
Dindigul – 624002.

Dear Sir,

I, On behalf of management this is to appreciate you on your performance of the year 2022-23 based on the review committee recommendations.

Institution is thanking you for your service and wishing you all the very best for your success in the future.

I wish you will maintain this attitude and dedication throughout your future endeavours.

Thank you


PRINCIPAL

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (JNU)
Principal
SSM Institute of Engineering and Technology
Kottathupattu Village, Sindjagurda (Po),
Palani Road, Dindigul - 624 002



0451 - 2448800-2448899 0451 - 2448855

Dindigul - Palani Highway, Dindigul - 624 002. ssmietdgl@gmail.com

Suggestion Letter

ssmiet.ac.in



SSM

INSTITUTE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

AICTE Approved . Affiliated to Anna University . Accredited by NAAC (2029) & NBA (2025)

Date: 24.09.2024

Suggestion letter to Faculty for Good Performance

To:

Mr.R.Ravi,
Assistant Professor,
Department of Computer Science and Engineering,
SSM Institute of Engineering and Technology,
Dindigul – 624002.

Dear Sir,

Based on external and internal review committee evaluation, I would like to suggest concentrating on the following areas to improve your performance

1. Publish at least one paper per year in Indexed journals
2. Connect to industry and Technology update.
3. Organize programmes in Department.
4. Register Ph.D.



PRINCIPAL
Dr.D.SENTHIL KUMARAN, M.B., Ph.D., (MUS)
Principal
SSM Institute of Engineering and Technology
Eutisthupatti Villare Sindalagundu(Po),
Palani Road, Dindigul - 624 002.



☎ 0451-2448800-2448899 📠 0451-2448855

📍 Dindigul - Palani Highway, Dindigul - 624 002.

✉️ ssmietdgt@gmail.com

Implementation of Faculty Performance Appraisal System

1) Eligibility

Faculty members who have completed one full year of service at the institution become eligible to participate in the Annual Faculty Performance Appraisal System, also referred to as the Faculty Contribution Form process.

2) Submission Process

Eligible faculty members are formally notified and requested to complete the Faculty Contribution Form within a specified timeframe. The form requires them to report on academic, research, and extracurricular contributions in alignment with the appraisal criteria.

3) Evaluation and Review

The submitted forms are evaluated through a structured process, which includes:

Individual Faculty Appraisal (IFA) by the Head of the Department

External Expert Evaluation

Student Feedback Score

Based on the combined appraisal score, faculty performance is assessed objectively.

4) Recognition and Rewards

Faculty members achieving a high overall appraisal score are formally recognized and appreciated for their contributions. They may receive certificates of appreciation, awards, or be considered for promotions and other incentives in accordance with institutional policy.

5) Support for Improvement

Faculty members whose appraisal scores are below expectations are provided constructive feedback and professional development guidance. They are encouraged or advised to:

Attend Faculty Development Programs (FDPs) or Short-Term Training Programs (STTPs)

Apply for funded research projects or academic schemes

Enhance classroom engagement and subject expertise

Improve participation in departmental and institutional activities

6) Encouragement of Research and Academic Growth

All faculty members are encouraged to actively publish research papers in reputed, peer-reviewed, and indexed journals (e.g., SCOPUS, Web of Science). Contributions such as organizing academic events, mentoring students, and participating in interdisciplinary projects are also highly valued and appreciated.

Effectiveness of Faculty Performance Appraisal System

- **Recognition and Motivation:**

Faculty members are awarded annually based on appraisal scores, encouraging academic and research excellence.

- **Improved Teaching and Learning:**
Regular evaluations help enhance teaching quality and promote student-centered learning approaches.
- **Focused Faculty Development:**
Constructive feedback guides underperforming faculty toward relevant training and skill enhancement.
- **Boost in Research and Innovation:**
The system drives faculty to publish in reputed journals, apply for funded projects, and adopt innovative teaching methods.
- **Student-Centric Approach:**
Incorporating student feedback ensures continuous improvement in subject delivery and engagement.

5.9 Visiting/Adjunct/Emeritus Faculty etc.

Visiting / Adjunct Faculty details

S. No	Academic Year	Year	Course	Name of the Company/Industry	Name of the Industry Experts	Designation	Hours
1	2024-2025	III	Cryptocurrency and Blockchain Technologies	Mahalingam Software Academy, Madurai	Mr. M. Deena Dayalan	Adjunct Faculty	30
		III	Cloud Services Management				30
2	2024-2025	III	UI & UX Design	Mahalingam Software Academy, Madurai	Mr. M. Deena Dayalan	Adjunct Faculty	30
		III	App Development				30
3	2023-2024	II	Application of Java Programming	Silicon Software Services, Madurai	Mr. Rajendran Subramanian B.E, M.Tech	Adjunct Faculty	50
4	2022-2023	II	Web Technology	Silicon Software Services, Madurai	Mr. Rajendran Subramanian B.E, M.Tech	Adjunct Faculty	50