



Sri Ramakrishna Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC with "A" Grade)

Pachapalayam, Perur Chettipalayam, Coimbatore – 641 010

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Faculty Profile

Full name with Qualification, Designation and Department: Ms. P Parameswari, B.E., M.Tech., Assistant Professor, Computer Science and Engineering					
Date of birth	:	21.10.1993	Gender	:	Female
Nationality	:	Indian	Marital status	:	Single
Address for correspondence	:	21, Aathikattu Valasu, Elumathur (PO), Modakuruchi (via), Erode-638104	Permanent address	:	21, Aathikattu Valasu, Elumathur (PO), Modakuruchi (via), Erode-638104
Mobile no	:	9095829307	e-mail (official)	:	parameswari.cse@srit.org
Landline	:	-	e-mail (personal)	:	paramcse21@gmail.com
Date of joining	:	08.01.2019	Post of joining	:	Assistant Professor
No of promotions since D.O.J	:	-	Present post	:	Assistant Professor
Present pay scale	:	Rs. 15,600 – Rs. 39,100 + AGP Rs.6,000	Gross pay	:	33,340
Employee ID	:	1134	Bank account No. (Salary credited)	:	500101011913785
P.F. No	:	101409271700	Group Insurance No	:	-
PAN Number	:	CWXPP2510H	Aadhar Number	:	645212787450
AICTE ID	:	7138282	AICTE Institution ID	:	1-7841521

Educational Qualification

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	Computer Science and Engineering	2015	EBET- Group of Institutions, Erode	ANNA	FIRST
PG	IT-Information and Cyber Warfare	2017	Kongu Engineering College, Erode	ANNA	FIRST
Ph.D	Information and Communication	Pursuing	SRIT	ANNA	-

Registration for Ph.D. with area of interest: Networks and AI

Year of Ph.D. Registration: 2023

Year of Ph.D. Completed: NA

Thesis Title: NA

Supervisor Recognition Number: NA

Ph.D. Scholar Details

S.No.	Name of the scholar	Registration details	College	Status
NIL				

Academic Experience

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
SRIT	Assistant Professor	08.01.2019		4	11	24
Total				4	11	24

Industrial Experience

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
NIL							
Total							

Courses Handled

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2023-24	5	20CSP11	Mobile Networks (Section A & B)	T	
2022-23	6	20CS901	Design Project	P	
2022-23	4	20CS005	Analysis of Algorithms	T	
2022-23	5	20CS010	Networks Laboratory	L	
2022-23	7	UCSC005	Cryptography and Network Security (Section A & B)	T	
2021-22	2	20CSG02	Object Oriented Programming with C++ Laboratory	L	
2021-22	6	UCSC003	Computer Graphics (Section A & B)	T	
2021-22	5	UCSC012	Internet Programming	T	
2020-21	2	20CSG02	Object Oriented Programming using C++ Laboratory	L	
2020-21	2	20CSG01	Object Oriented Programming using C++	T	
2020-21	6	UCSC003	Computer Graphics	T	
2020-21	1	20ITG02	Programming in C Laboratory	L	
2020-21	1	20ITG01	Programming and Problem Solving using C	T	
2020-21	3	UCSC008	Design of Computer Networks	T	
2019-20	2	UICE017	Object Oriented Programming using C++ and Java	T	
2019-20	6	UCSC003	Computer Graphics	T	
2019-20	3	UCSC008	Design of Computer Networks	T	
2018-19	6	CS6611	Mobile Application Development Laboratory	L	

Projects Guided

Academic Year	Semester	Project Title	UG / PG
2023-24	7	IoT based System for Women Safety	UG
2023-24	7	Solar based UAV using BUG Algorithm for Smart Agriculture	UG
2022-23	8	Network Coverage Optimization based on Feedback K-Means Clustering and Grey Wolf Optimization Algorithm	UG
2022-23	8	IoT Based Smart Security and Smart Home Automation	UG
2021-22	8	Smart Wearable Sensor Device for Women Safety	UG
2021-22	8	Network Coverage Optimization Using Artificial Fish Swarm Algorithm	UG
2020-21	8	Automatic Detection Method of Birds Nest on Transmission Line Tower	UG
2020-21	8	Fish Feeding System For Dispensing Feed Based on Fish Feeding Intensity	UG
2019-20	8	Travelling Aid for Blind	UG

Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	1	7
Conferences	-	4

Journal Publications (IEEE format)

- Published a paper titled “IoT Based Smart Security and Smart Home Automation” in “International Journal of Scientific Research in Engineering and Management (IJSREM)”, Vol. 7, Issue 04, 2023
- Published a paper titled “Smart Wearable Sensor Device for Women Safety” in “International journal of Advances in Engineering and Management (IJAEM)”, Vol. 4, Issue 05, 2022

- Published a paper titled “Network Coverage Optimization using Artificial Fish Swarm Algorithm” in “JETIR - Journal of Emerging Technologies and Innovative Research”, Vol. 9, Issue 05, 2022
- Published a paper titled “Automatic Detection Method of Birds Nest on Transmission Line Tower” in “International Journal For Science And Advance Research In Technology - (IJSART)”, Vol. 7, Issue 03, 2021
- Published a paper titled “Fish Feeding System For Dispensing Feed Based on Fish Feeding Intensity” in “International Journal For Science And Advance Research In Technology - (IJSART)”, Vol. 7, Issue 03, 2021
- Published a paper titled “A Decision Support System for Increasing Agricultural Production” in Scopus Indexed Journal on “International Journal of Innovative Technology and Exploring Engineering” - (IJITEE), Volume-9 Issue-4, February 2020, DOI: 10.35940/ijitee.D1133.029420
- Published a paper titled “Survey on IoT Based Home Automation and Security” in “IJARIE-ISSN(O)-2395-4396”, Vol. 2, Issue 0, 2020
- Published a paper titled “Black Hole Attack Minimization using Leach Protocol” in “IJSRD - International Journal for Scientific Research & Development”, Vol. 7, Issue 09, 2019

Conference Publications (IEEE format)

- Published a conference paper titled “Network Coverage Optimization based on Feedback K-Means Clustering and Grey Wolf Optimization Algorithm” in Third International Conference on Artificial Intelligence, 5G Communications and Network Technologies (ICA5NT 2023), 2023
- Published a conference paper titled “Smart Agri-Mart Portal for Farmers” in International Conference on Science, Technology, Engineering and Mathematics, ICSTEM, 2022

- Published a conference paper titled “Secured Swarm Intelligence For Constrained Engineering Design Problems” in “8th International Conference on Innovations in Electronics & Communication Engineering, 2019
- Published a conference paper titled “Automatic Traffic Signal Change through Measuring Traffic density and Emergency Vehicle Clearance by using Zigbee Transceivers” in “8th International Conference on Innovations in Electronics & Communication Engineering, 2019

Books / Book Chapters (IEEE format) - NA

Sponsored Research

Project Title	Funding Agency	Amount Rs.	Duration
NIL			

Consultancy

S. No.	Organization/ Agency	Nature of Work	Amount in Rs.	Year
NIL				

Workshops / Seminars attended

1. Participated in DRDO sponsored three days seminar on “Automation in Civil Engineering” organized by Department of Civil Engineering, Sri Ramakrishna Institute of Technology, Coimbatore -641010 from 20.02.2022 to 23.02.2022.
2. Participated in One day workshop on “NPTEL E-Awareness” organized by IIT Madras, Chennai during 12.01.2021.
3. Participated in One day workshop on “LaTeX” organized by MAEER’s MIT College of Railway Engineering and Research, Government College of Technology, Coimbatore – 641013 during 30.09.2021.

4. Participated in Two day workshop on “3D EM Simulation Involving CST Software & R&S VNA & Instruments” organized by CiC3, Gujarat Technological University, Ahmedabad 08.06.2020 & 09.06.2020.

Faculty Development Program attended (from recent)

1. Participated in Online FDP on “Augmented Reality and Virtual Reality” in AISSMS College of Engineering, Pune from June 21st to 25th, 2022.
2. Participated in Online FDP on “Recent Research Issues On Digital Image Processing” in SRIT, Coimbatore from May 25th to 28th, 2021.
3. Participated in Online FDP on “Machine Learning and Artificial Intelligence in Data Science” in PACE Institute of Technology and Sciences, Kakinada from 24th May to 2nd June, 2021.
4. Participated in Online FDP on “AI & MI Skills Industry 4.0” in Er. Perumal Manimekalai College of Engineering, Hosur from June 3rd to 5 th, 2021.
5. Participated in Online FDP on “Building a Neural Network from the Groundup using Python” in Kongu Engineering College, Erode from May 21st to 26th, 2020.
6. Participated in Online FDP on “Embedded Systems and IoT Applications” in Vignan's Institute of Engineering For Women, Andhra Pradesh from June 4th to 6th, 2020.
7. Participated in Online FDP on “Data Science using R Programming” in Mahaveer Institute of Science and Technology, Hyderabad from June 12th to 17th, 2020.
8. Participated in Online FDP on “PYTHON 3.4.3” in Pragati Engineering College, Andhra Pradesh from June 8th to 13th, 2020.
9. Participated in Online FDP on “IOT-Applications” in Vikas Group of Institutions, Andhra Pradesh from June 1st to 5th, 2020.
10. Participated in Online FDP on “Augmented Reality and Virtual Reality” in AISSMS College of Engineering, Pune from June 21st to 25th, 2020
11. Attended FDP on “Big image Data Processing using Machine Learning Algorithms” in NIT, Warangal from 27th May to 31st May, 2019.

Events Organized (from recent)

1. Organized one day Hands on Session on “SCILAB” on 01st November, 2023.

2. Organized a Guest Lecture on “3D Computer Animation and its Applications” on 18th October, 2023.
3. Organized Online Webinar on “Traditional Animation and its Techniques” on 23rd April, 2021.
4. Organized Online Webinar on “Introduction to AWS core services and Architecture” on 27th June, 2020.
5. Organized Online Webinar on “DevOps in Cloud Computing” on 13th June, 2020.

Online Courses Completed

Sl. No.	Title	Platform
1	Orientation Towards Technical Education and Curriculum Aspects	NITTTR
2	Professional Ethics & Sustainability	NITTTR
3	Communication Skills, Modes & Knowledge Dissemination	NITTTR
4	Software Testing	NPTEL
5	COVID-19: What You Need to Know (CME Eligible	Coursera
6	Create a Business Marketing Brand Kit Using Canva	Coursera
7	AI For Everyone	Coursera
8	Predict Performance Using MA Forecasting in Google Sheets	Coursera
9	Getting Started with AWS Machine Learning	Coursera
10	Work Smarter, Not Harder: Time Management for Personal & Professional Productivity	Coursera
11	AWS Fundamentals: Going Cloud-Native	Coursera
12	Cloud Computing Basics (Cloud 101)	Coursera
13	Python	GUVI
14	Google Analytics for Beginners	Google
15	Google Campaign Manager Certification	Google
16	Internet History, Technology and Security	Coursera

Awards and Recognitions Secured

- Mentored students to participate in International Innovation, Creativity and Technology Exhibition on August- September 2021 for the product “Obstacle Avoiding Vehicle” and received Gold Award.
- Mentored students to participate in Virtual Expo of Innovation Product and System Design 2020 – ViDE 2020. Organized by the Faculty of Electrical Engineering Technology (FTKE) UniMAP in Collaboration with Yayasan Inovasi Malaysia (YIM) for the product “IoT integrated Pothole Detection and Alert System for Smart Cities” and received Gold Award.

- Mentored students to participate in Innovation Product and System Design 2021 – ViDE 2021 for the product “Portable proximity Device” and received Gold Award.

Self-appraisal

Major Strengths

- I am a very confident person as well as a good and quick learner
- My strengths are my communication skills and adaptive nature to any kind of working environment
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Major Weakness

- My weakness is my consistency. If I want to perform any task I will complete the task at a stretch

Signature