



Sai SAI RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



DEPARTMENT OF COMPUTER AND COMMUNICATION ENGINEERING

Name of the Faculty	Mrs.L.Kannagi	
Gender	Female	
DOB	24.10.1982	
Qualification	B.E, M.E, Ph.D(Doing)	
Designation	Assistant Professor	
Date of Joining	13.08.2021	
UG Degree Completion	2000	
UG- Name of the University	Anna University	
PG Degree Completion	2009	
PG-Name of the University	Anna University	
Area of Specialization	UG: B. E- ECE	PG: M.E- CSE
PhD - Yet to be Registered	-	
PhD Pursuing	CONFIRMATION COMPLETED	
PhD Completion	NO	
Phd- Name of the University	Anna University	
PhD Specialization	Manufacturing Process using Machine Learning	
Research Interested area	Machine Learning, Optimization Algorithms,	

Courses Taught in UG / PG Level

- DATA STRUCTURE AND ALGORITHMS
- DATA STRUCTURE LAB
- FUNDAMENTALS OF COMPUTING
- COMPUTER PRACTICE LAB
- DIGITAL SIGNAL PROCESSING
- DIGITAL PRINCIPLES AND SYSTEM DESIGN
- DIGITAL PRINCIPLES AND SYSTEM DESIGN LAB
- MICROPROCESSORS AND MICROCONTROLLERS
- MICROPROCESSORS AND MICROCONTROLLERS LAB
- COMPUTER ARCHITECTURE
- ADVANCED DATABASE TECHNOLOGY
- HUMAN COMPUTER INTERACTION
- OPERATING SYSTEMS
- DATABASE MANAGEMENT SYSTEMS
- INDUSTRIAL IOT
- SENSOR NETWORKS AND IOT
- FOUNDATION OF DATA SCIENCE
- GRID COMPUTING
- CLOUD COMPUTING
- SOFTWARE PROJECT MANAGEMENT
- OBJECT ORIENTED PROGRAMMING SYSTEM
- WEB DESIGN
- HIGH SPEED NETWORKS
- DATA STRUCTURE LAB(PG)
- COMPUTER ARCHITECTURE AND PARALLEL PROCESSING(PG)
- COMPUTER NETWORKS AND MANAGEMENT(PG)
- DATAWAREHOUSING AND DATA MINING
- Skill enhancement(HTML,TENSOR FLOW,MATLAB)

Teaching

9 Years 3 Months

Experience		<ul style="list-style-type: none"> ● Prince Shri Venkateshwara Padmavathy Engineering College. ● Sri Sai Ram Engineering College, DEPARTMENT OF CSE. ● Valliammai Engineering College, DEPARTMENT OF IT. ● Sri Sairam Institute of Technology, Dept of CCE [13.08.2021 - Till Date]
	Research	-
	Industry	NA
	Others	-
Attended	Workshop	<ul style="list-style-type: none"> ➤ Participated in one day national workshop on “WRITING SCIENTIFIC RESEARCH PAPER- PHASE VII” organized by SSN College of Engineering, Chennai. ➤ Workshop on IoT was attended. ➤ Conducted about 4 workshops
	Conferences	<ul style="list-style-type: none"> ➤ JOURNAL ON “SUBURBAN RAILWAY TICKETING USING M-WALLET AND QR A SMART CITY PROPOSAL”-2018. ➤ JOURNAL ON “VIRTUAL CONVERSATIONAL ASSISTANT ”FOR FARMERS-2018. ➤ NATIONAL CONFERENCE ON “VIRTUAL CONVERSATIONAL ASSISTANT ”FOR FARMERS - 2018. ➤ NATIONAL CONFERENCE ON “CLASSIFICATION OF DATABASE FOR MULTI-DATABASE MINING” ➤ A Novel approach for Data mining Classification using J48DT Classifier for Intrusion Detection System ➤ Silver Dielectric Material Black Phosphorus–Based Surface Plasmon Resonance Biosensor for Alcohol Detection ➤ Detecting Insider Threats in Cybersecurity Using Machine Learning and Deep Learning Techniques ➤ A Novel and Effective Ensemble Machine Learning Model for Identifying Healthy and Rotten Fruits ➤ AI Based Humanoid Chatbot for Medical Application

Organi zed		<ul style="list-style-type: none"> ➤ Mobile Blaze: Harnessing Mobile Net Architecture for Efficient Forest Fire Detection ➤ Rescue the Overboard Person from Water ➤ An Improved Bat Optimization Algorithm for Knowledge Discovery for Routing and Energy Efficiency in the Internet of Things Environment ➤ Realtime accident prevention using drivers fatigue and drowsiness ➤ Autonomous Crash Responder System
	FDP Attended	40
	Guest Lecture	10
	Conferences	
	FDP	3
Professional Membership	IEEE- SENIOR membership in 6 societies	
No. of papers published in National Journals / Conferences	5	
No. of papers published in International Journals / Conferences	8	
No. of Books published	1	
No.of UG Students Guided	35	
No.of PG Students Guided	10	
No.of PhD's Guided	0	
Research Funded Projects	2-TNSCST FUNDED	
Patents	8	
Technology Transfer	<ul style="list-style-type: none"> ● Attending FDP and Certification courses (NPTEL) related to the handling Subject for better and confident delivery of lectures. ● Completed the NPTEL DOMAIN CERTIFICATION IN PROGRAMMING DOMAIN. 	

	<ul style="list-style-type: none"> Completed the Advanced AI and DS course in intellipat,IIT Roorkee.
Achievements	<ul style="list-style-type: none"> Got 100% result in NPTEL subjects and many handled subjects. Organized many events and got appreciation. Acting as a IIC Ambassador and conducted many events. Acting as IIT spoken Tutorial Organizer and Invigilator. Acted as Evaluator in ATAL school projects. Acted as Evaluator internally for SIH Projects. Acted as a guide for the one of the project that has been selected as top 10 projects of YUKTHI project. Awarded as a best emerging Professor .
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Mother Name	L.Valliammal
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