Name & Photo :	Mrs S.PRATHIPA
Designation:	ASSISTANT PROFESSOR -III
Qualification :	B.E(CSE)., M.Tech(CSE).,Doing Ph.D in Anna University(July 2025 session)
Area of Specialisation :	COMPUTER SCIENCE & ENGINEERING (Computer Networks,Cloud Computing)
Experience :	Teaching : 8 .1 years
	Industry : Nil
No. of workshop / Conferences / FDP attended	Workshop : 1 Conferences : 8 FDP 14 STTP:3

Publication:	Journal
	      National :1
	      International : NIL

	Conference
	      National : NIL
	      International : 8

	Indexed: Scopus:8
	Patents: Published:5
Membership in Professional bodies:	Life Member of IAENG(International Association of Engineers). Member of IEEE(continuous 4 years IEEE Membership)
Responsibilities ::	Certified in NPTEL -Systems Domain Certified in NITTTR all 8 MODULES Acting as Internship File incharge Acting as Individual objective file incharge Acting as NBA Criteria 2 incharge Coordinated a workshop in department Member in NBA criteria 3 Completed SIRD Panchayat raj

	administration course Acting as Class Coordinator,Project Coordinator
Achievements:	- Cleared SLET(State level Eligibility Test) in 2016. - Acted as Class Coordinator . - Handled Aptitude and reasoning classes. - Provided 100% results in few subjects and above 90% in other subjects . - Completed NPTEL SYSTEMS DOMAIN certificate.

Professional Experience:

Sl. No	College / Organization	Designation	Period	
			From	**To**
1.	Srinivasa institute of technology and management studies,chittoor.	Assistant Professor	2.8.2010	31.5.2013
2	Sri SaiRam Engineering college,West Tambaram.	Assistant Professor	16.11.2020	Till date

PATENT DETAILS:

1.Filed and published indian patent on the innovation titled "Automatic plastic injection moulding machine using the fluid power pneumatic mechanism"on 22/01/2021(Appln no:202141001304 A) Status:Published

2.Filled and published indian patent on the innovation titled "ARTIFICIAL INTELLIGENCE BASED SMART ROAD CLEANING ROBOT" on 14.10.2022 (Application No.202241057430 A)

3.Filled and published indian patent on the innovation titled "INTERNET OF THINGS BASED SMART FLOOD MONITORING AND EARLY ALERTING SYSTEM" on 29.9.2023(Appln no:202341053708)

4.Filled and published indian patent on the innovation titled "PEST REPELLENT USING ARDUINO UNO AND WIFI MODULE IN SOLAR PANELS FOR SMART AGRICULTURE" on 19.1.2024(Application No.202341060162 A)

5.Filled and published indian patent on the innovation titled "BLIND STICKS USING AI TECHNOLOGY" on 30.8.2024 (Application No.202441063678 A)

Publications: National/ International Journals

1.Published a paper titled "State-of-the-art recent technologies,background,terminologies,challenges:A preliminary survey on big data" in the Turkish Journal of computer and mathematics education journal,ISSN:1309-4653, Volume 13 page 74-77

National/ International Conferences

Totally 8 international conferences

1.Loan Management System Using Chatbot S., Prathipa, S., S., Haroon Prakash, S., D., Dinesh Kumar, Devadoss, G.N., Tejesh Kumar, G. N. 2024 International Conference on Communication, Computing and Internet of Things, IC3IoT 2024

2.Text to Audio Listener Tool in Tamil Language for Dyslexics **Prathipa, S.**, Karthiga, A.V., Deepa Lakshmi, S.,Nishanthi,G. 2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023

3.Intra college web application Vikkram, N., Akash, A.,Jeyaprakash, B., Kishore, R,**Prathipa, S.**,2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023

 4. AI powered traffic lights Brihadeeswaran, N.,**Prathipa,S.,** Krishna Vamsi, K. 2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023

5.Biometric MFA in smart automobiles Ganesan, J.,**Prathipa,S.,** Anantha Kirishnan, S. 2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023

6.**Farmersio with Cloud Based Prathipa, S.Praba, G., Dharshini .C, Madhumitha, S.** 2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023

7.Counterfeit Product Detection In Supply Chain Management With Blockchain Prathipa, S., Harish, K., Thashanmouli, N., ...Babu, P.B 2022 1st International Conference on Computational Science and Technology, ICCST 2022

8. Farmersio Prathipa, S., Praba, G., Dharshini, C., Madhumitha, S. 2022 1st International Conference on Computational Science and Technology, ICCST 2022

FDP, WORKSHOP, SEMINARS : NIL		
Name of the Programme	**Organized by**	**Date**
ATAL-FDP on BLOCK CHAIN	**Bangalore Institute of Technology,Bangalore**	**23.11.20 to 27.11.20**
ATAL FDP on Internet Of Things	**Sri Sairam Engineering College,Chennai**	**30.11.20 to 4.12.20**
ATAL FDP on Data Science	**MIT campus,Anna University,chennai**	**14.12.20 to 18.12.20**
FSDP on blockchain	**PALS -IBM pune**	**7.12.20 to 9.12.20**
ATAL FDP on Quantum Computing	Sathyabama Institute of Science and Technology	18/01/2021 to 22/01/2021
ATAL FDP on cyber security	**Indian Institute of Information Technology,Pune**	**22.2.21 to 26.2.21**
ATAL FDP on Productivity Enhancement	**NIT,Mizoram**	**27.7.21-31.7.21**
FDP on Universal Human Values	**AICTE**	**28.6.21-2.7.21**
FDP on Internet Of Things , Machine learning	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	01.02.22 TO 07.02.22
ATAL FDP on carbon balance and environmental sustainability	BMS College of engineering	7.2.22 to 11.2.22
FDP on Universal Human Values	**AICTE**	16.10.2023-21.10.2023
FDP on cyber intelligence and awareness on social media security	Institute of Engineering and management	27.11.2023-1.12.2023
FDP on IOT	NPTEL SWAYAM	1.7.2024-1.10.2024
"Machine Learning Techniques for Data Analytics"	SRM Institute of Science And Technology	08.12.25-13.12.25

	Ramapuram , Chennai	
Seminar/Webinar		
Quantitative Data Analysis in R using STATCRAFT	**Jawaharlal College of Engineering and Technology**	18.11.20
Art of writing research papers for quality publication	**College of community and applied sciences**	**9.12.20**
NLP Applications using Python	**SRM Valliammai Engineering College**	**28.12.20**
Webinar on CopyRight is an Intellectual Property	Sri Sai Ram Engineering college	28/01/2021
WORKSHOP		
Case Analysis and Development	**Sri Sairam Institute of Management Studies**	**18.12.20 to 23.12.20**
NPTEL Stars	**IIT Madras**	**6.7.2025-6.7.2025**
STTP		
AICTE sponsored STTP on Internet of Things (IoT) with Blockchain - Applications and Challenges	**Velalar college of engineering and technology,Erode**	**4.1.21 to 9.1.21**
AICTE Sponsored STTP on speech and Image Processing using Deep Learning Techniques	**Annamalai University**	**03.03.2021 to 09.03.2021**
AICTE Sponsered STTP on Artificial Intelligence and deep learning	**B.S.Abdur Rahman Cresent Institute of Science and Technology**	**1.2.21 to 6.2.21**