


<b>Name:</b>	Mrs. M. Piramu			
<b>Designation:</b>	Assistant Professor CSE(IoT)			
<b>Qualification:</b>	M.E CSE, Pursuing Ph.D			
<b>Area of specialization:</b>	Natural Language Processing, Machine Learning and IoT			
<b>Experience : (As On December 2022)</b>	<b>Industrial Experience</b>	<b>Teaching Experience</b>		
	-	13 Years and 5 month		
<b>Number of workshop / FDP attended:</b>	<b>Number of Workshops</b>	<b>Number of FDPs</b>		
	-	10		
<b>Publications:</b>	<b>Conference</b>		<b>Journal</b>	
	<b>Nationa</b>	<b>Internationa</b>	<b>National</b>	<b>International</b>
	1	1		
	-	2	4	2
<b>Patents:</b>	<b>National</b>		<b>International</b>	
	8			
<b>Professional Body Membership:</b>	➤ IEEE Member: M.No: 99459906			
<b>Staff Achievements:</b>	<ul style="list-style-type: none"> <li>➤ Pursuing Ph.D under Anna University in July 12 2024 and Course Work Completed.</li> <li>➤ Doing advanced Certification In Applied Data Science, Machine Learning &amp; IoT By E&amp;ICT Academy, IIT Guwahati.</li> <li>➤ NITTT – 8 Modules Completed.</li> <li>➤ Organized One Week Hybrid FDP 6-DAYS FDP ON AI – POWERED EDGE COMPUTING FOR IoT APPLICATIONS from 23.06.2025 to 28.06.2025</li> <li>➤ Organized 2025-IP Clinic Phase –II from 28.04.2025 to 03.05.2025.</li> <li>➤ IP Clinic Phase –IV from 10.11.2025 to 11.11.2025.</li> </ul>			

<b>Awards:</b>	<ul style="list-style-type: none"> <li>➤ Got Elite in Google Cloud Computing Foundation</li> <li>➤ Got Elite in Data Structures and Algorithms Using Java</li> <li>➤ Got Elite in Cloud Computing</li> <li>➤ Got Elite+ Silver in Data Base Management Systems</li> <li>➤ Got Elite Joy of computing using python</li> <li>➤ Completion certificate in Theory of computation</li> </ul>
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<b>Journal Details:</b>	<b>Sl. No.</b>	<b>Title</b>	<b>Journal Name</b>	<b>Volume/Date</b>
	1.	Internal Attack Identification and Inhibition System Using Cosine Similarity for Abnormal User Detection	International Journal of Advanced Research in Electronics and Communication Engineering	Vol 10,2022
	2.	Forward and Backward propagation network based heart Disease prediction	International Journal of Computer Science and Engineering	Vol 8 issue 1 2021 ISSN : 2348-8387
	3.	Monitoring of Industrial electrical Equipment using IOT	Seventh Sense Research Group” International Journal of Computer Science and Engineering”	Vol 8 issue 1 2021 ISSN : 2348-8387
	4.	Monitoring of Industrial electrical Equipment using IOT	“IJCRT( international journal of Creative Research Thoughts).	Vol 9, issue 7 , 19.07.2021
	5.	A Survey on Machine Learning algorithm for cardio vascular diseases prediction	International Journal of Innovative Research in engineering and Multi disciplinary physical Science	Vol 9 issue 2 (March-April)

	6.	Blowfish Ciphering based Provable Multicopy Dynamic Data Possession in Cloud Computing	International Journal of Advanced Research in Electronics and Communication	Vol. 5/Issue 4/April - 2016.,pp 1102-1108
	7	Medico: Transforming Intravenous Therapy with Machine Learning and Internet of Things	2nd International Conference on Computing and Data Science (ICCDs-2025)	25th & 26th July 2025, CSE ,REC
	8.	Healthy Bites: An AI based calorie Tracking and Personalized Food Recommendation System For Indian Dietary Patterns.	IEEE International Conference on Advanced Computing Technologies(ICACT-2025)	1 & 2 September 2025

	Sl.No	Title	Venue	Month/Year
<b>Attended FDP/Workshop/Seminar Details</b>	1.	UHV-I	ATAL in Sri Sairam	10/07/2023 - 12/07/2023
	2.	Navigating Recent Tools	Sathya bama institute of Science and Technology	25/09/2023 - 30/09/2023
	3.	Building Advanced Data Analytics with cloud	Edunet	18/12/2023 - 22/12/2023
	4.	UHV-II	ATAL in Sri Sairam Engineering College	23/01/2024 – 27/01/2024
	5.	Wearable Tech and AI innovations in healthcare	Rajalakshmi Engineering College	03/06/2024 - 07/06/2024
	6.	Mastering Research	TAKSHASHILA UNIVERSITY	24/06/2024 - 28/06/2024
	7.	RECENT TRENDS IN MULTIDISCIPLINARY RESEARCH (Season – 3)	Vishwakarma Institute of Information Technology	29/04/2024 - 03/05/2024
	8.	Artificial Intelligence Edge – Soft Computing	Dr.Sivanthi Athitanan College	09/12/2024 – 14/12/2024

			of Engineering, Tiruchendhur	
	9.	Recent Technologies” at from	Sathyabama Institute of Science and Technology	29/11/2022 – 06/12/2022
	10.	Code Hustlers 2.0	Sathyabama Institute of Science and Technology	27/10/2022 – 02/11/2022

<b>Patents Details:</b>	1. Published Patent 2023- Patent No.202341085022
	2. Published Patent 2024 –Patent No.202541015760 A, Phase 1
	3. Published Patent 2024 -No.202541015759 A Phase 1
	4. Published Patent 2025- Patent No. 202541046786 A Phase2
	5. Published Ghat Road Alerting System 2021
	6. Published Smart Alarm Device For Protecting Agriculture Field Fromanimals And Birds on 03/02/21
	7. Published Energy Optimized Expanding Ring Search Algorithm for Secure Routing Against Black Hole Attack- 201941004425 A -2019
	8. 202541096816-Healthy Bytes 2025 phase 3

<b>Educational Qualification Details</b>	<b>Degree</b>	<b>Regular/Part time</b>	<b>University</b>	<b>Class</b>	<b>Year of Passing</b>	<b>Specialization</b>
	<b>M.E</b>	Regular	Anna University, Chennai	First with Distinction	2006	Computer Science and Engineering
	<b>B.E</b>	Regular	Madurai Kamarajar University, Madurai	First with Distinction	2004	Information Technology
	<b>Ph.D</b>	Pursuing Part Time	Anna University, Chennai	-	2024	ICE

<b>Experience Details</b>	<b>S.No</b>	<b>Name of the institute</b>	<b>Period</b>		<b>Year of service</b>	
			<b>From</b>	<b>To</b>	<b>Year</b>	<b>Months</b>
	1.	Sri Sai Ram Engg.College,Chennai	11.05.2023	<b>Till Date</b>	2	7
2.	P.S.R.Engineering College, Sivakasi	01.06.2013	10.05.2023	10		

3.	Valliammai Engg. College. Chennai	11.02.2008	14.05.2008		4
4.	Sri Sai Ram Engg.College,Chennai	08.10.2007	11.01.2008		4
5.	P.S.R.Engineering College, Sivakasi	23.06.2006	31.08.2007	1	2
		Total		14	5

<b>Research Visibility:</b>	➤ Vidwan-ID : 319531
	➤ Employee Id 1-428268371
	➤ Orcid Id 0000-0002-1248-5776
	➤ Scopus Id 210826422
	➤ Google Scholar Id AEH3hT0AAAAJ

<b>Academic and Administrative Responsibilities Held:</b>	<ul style="list-style-type: none"> <li>➤ Department Time Table In-Charge.</li> <li>➤ Placement Facilitator</li> <li>➤ Passport In-charge</li> <li>➤ ICTACT in-charge</li> <li>➤ IEEE ComSec SCOPE member</li> <li>➤ IPR in-charge</li> <li>➤ Internal Exam Cell Coordinator</li> </ul>
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