

Name : D.Mangaiyarkarasi mangai.ai@sairam.edu.in SECT25AI01				
Designation:	Assistant Professor (Artificial Intelligence & Data Science)			
Area of Specialization:	Deep learning, Machine Learning, Image Processing			
Experience	Teaching: 8.9 years. Research: Nil Industrial Experience: Nil			
No of Workshop/ FDP attended:	No of Workshop		No of FDP	
	10		5	
Publications:	Conference		Journal	
	National 2	International 4	National	International 1
Patents	National		International	
	Nil		Nil	
Professional body membership	-			
Awards and Achievements	-			
Publications 1 Journal 2 Conference	<ol style="list-style-type: none"> 1. Deep Learning Methods for Detecting Chest X-Ray and CT Scan Abnormalities. <i>Advances in Nonlinear Variational Inequalities</i> Volume 28, Issue 2, Pages 30 – 45 2025.(Scopus Indexed) 1. INFRASECURE: ENHANCING V2I COMMUNICATION USING DATA INTEGRITY(IEEE International Conference on "Smart Technologies for Sustainable Development Goals" ICSTSDG 2024)(Scopus Indexed) 2. Fraud Detection in E-Commerce Using Machine Learning(International Conference on Artificial Intelligence, Machine Learning and Big Data Engineering)(Scopus Indexed) 3. A Hybrid Approach for Recognising Alzheimer Disease Using GA Enabled GAN(<i>2024 1st International Conference on Data, Computation and Communication, ICDCC 2024</i>)(Scopus Indexed) 4. Advancing Vascular Dementia Diagnosis Through Salp Swarm Optimized Convolutional Neural Network(8th IEEE International Conference on Computational System and Information Technology for Sustainable Solutions, CSITSS 2024).(Scopus Indexed) 			

LIST OF SEMINAR/SHORT TERM COURSES/FDP/WORKSHOP ATTENDED

- Ozone Day'22'
- Intelligent Computing for Next Generation Embedded IOT
- Recent Advancements in science & engineering.
- Today's Ozone Day Layer Protection: Emission sources, Impact and solution.
- Recent trends in Artificial Intelligence and Cyber Security
- Building Resilience at Workplace
- Research Ethics and Identifying Predatory & cloned Journals in Publications.
- Amazon Web Services
- Role of NAAC with NEP as a Quality Tool for Higher Education.
- Cryptocurrency, Blockchain & Cyber Security.
- Convergence in Artificial Intelligence and IOT.

EDUCATIONAL QUALIFICATION

Pursuing PhD in the Department of Information and Communication Engineering, Anna university, Chennai from 2024

2012-20014	M.E (CSE), Anna university, 8.2 CGPA (First Class)
2002-2006	B.E (Computer Science and Engineering), Velalar College of Engineering and technology, Anna University, 72% (First Class)
April-2002	HSC (State Board) ,79%, IMS Matric Hr.Sec. School, Harur
April -2000	SSLC (State Board), 68%, PDRV Hr.Sec.School, Harur

Declaration: I hereby declare that all the information mentioned above is true to my knowledge and I have all supporting documents for the facts mentioned above.

(Mrs.D.Mangaiyarkarasi)