


Name : D.Mangaiyarkarasi <a href="mailto:mangai.ai@sairam.edu.in">mangai.ai@sairam.edu.in</a>  <b>SECT25AI01</b>			
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"> <li>1. Deep Learning Methods for Detecting Chest X-Ray and CT Scan Abnormalities. <a href="#"><i>Advances in Nonlinear Variational Inequalities</i></a> Volume 28, Issue 2, Pages 30 – 45 2025.(Scopus Indexed)</li> <li>1. INFRASECURE: ENHANCING V2I COMMUNICATION USING DATA INTEGRITY(IEEE International Conference on "Smart Technologies for Sustainable Development Goals" ICSTSDG 2024)(<b>Scopus Indexed</b>)</li> <li>2. Fraud Detection in E-Commerce Using Machine Learning(International Conference on Artificial Intelligence, Machine Learning and Big Data Engineering )(<b>Scopus Indexed</b>)</li> <li>3. A Hybrid Approach for Recognising Alzheimer Disease Using GA Enabled GAN(<a href="#"><i>2024 1st International Conference on Data, Computation and Communication, ICDCC 2024</i></a>)(<b>Scopus Indexed</b>)</li> <li>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)</li> </ol>		

**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)**