


Name:	Dr. Ilamathi M 			
Designation:	Assistant Professor			
Qualification:	Ph.D.			
Area of specialization:	AI, Machine Learning/Deep Learning, Computer Vision, Image processing			
Experience: (As On December 2022)	Industrial Experience		Teaching Experience	
	-		1 Year	
Number of workshop / FDP attended:	Number of Workshops		Number of FDPs	
	6		6	
Publications:	Conference		Journal	
	National	International	National	International
	-	5	-	1
Patents:	National		International	
	-		-	
Professional Body Membership:	IEEE Member M.No: 92687845			

Staff Achievements:	<ul style="list-style-type: none"> Completed SIRD certification with A+ grade Completed Social Emotional Education: Knowledge to Practice (SEEK) awarded by UNESCO MGIEP Certified Apple Teacher 			
Guest Lectures and Seminar Presentations done in 2025:	<p>Acted as session chair for International Conference conducted by the department of IT.</p> <p>Delivered orientation talk on UBA, SAIL platform and Internship for the IInd year students</p>			
Workshop Details:	Sl. No.	Title	Venue	Month/Year
	1.	Role of Deep Learning in Interdisciplinary Research	Mepco Schlenk Engineering College	19/02/2021 and 20/02/2021
	2.	Machine Learning Solutions for Image Processing Applications Using Python	Mepco Schlenk Engineering College	02-12-2021 to 04-12-2021
	3.	Intellectual Property Rights and Innovation	Anna University	30/09/2022
	4.	Intelligent Transportation System- Current Status and Future Ahead Workshop	Anna University	10/03/2023 and 11/03/2023
	5.	Demystifying Generative AI Techniques and Tools	Anna University	22/02/2024 to 24/02/2024
	6.	Artificial Intelligence - Algorithms, Frameworks and Tools Hands-On Practice	SETS	05/03/2024

FDP Details:	Sl. No.	Title	Venue	Month/Year
	1.	Trends and Challenges in Machine Learning and Deep Learning	Easwari Engineering College	10.05.2021 to 21.05.2021
	2.	Triumvirate Of Future IT-AI, IoTand Cloud Technologies	Sri Sairam Institute of Technology	16.07.2021 to 21.07.2021
	3.	Generative AI and Prompt Engineering	SRM Institute of Science and Technology	24.11.2024 to 29.11.2024
	4.	IoT in Healthcare: Transforming Patient Care and Management	Sri Venkateswara College of Engineering	09.12.2024 to 14.12.2024
	5.	Next Generation Algorithms and Technological Advances	MIT Campus, Anna University	06.01.2025 to 11.01.2025
	6.	AI Powered Edge Computing For IoT Applications	Sri Sairam Engineering College	23.06.2025 to 28.06.2025
Conference Details:	Sl. No.	Title	Venue	Month/Year
	1.	Conditional Monitoring of Hybrid Power Generation Unit and Its Diagnosis	Apollo Engineering college	May 2014
	2.	Low-Resolution Facial Image Recognition by Multidimensional Scaling and Component Analysis	Apollo Engineering College	May 2014
	3.	Robust correlation-based auto-target tracking for armoured fighting	Madras Institute of Technology	March2015

		vehicles		
	4.	Automatic target tracker for main battle tank	Adhiparasakthi Engineering college	April2015
	5.	Transprecision Gaussian Average Background Modelling Technique for Multi-Vehicle Tracking Applications	Francis Xavier Engineering College	February 2022
	6.	I-HCMS:IoT Powered Vital Parameter Monitoring System for Healthcare Using Twilio API	IIT-Indore	July 2025

Journal Details:	Sl.No.	Title	Journal Name	Volume/Date
	1.	Proactive hybrid learning framework for real-time multi-vehicle detection in unregulated traffic environments	Image and Vision Computing	Volume No.147, Article No. 105081, July 2024

Academic and Administrative Responsibilities Held:	<ol style="list-style-type: none"> 1. Organized - BIS Orientation program, IEEE Education week Technical Seminar, BIS Standards writing Competition. 2. Organized the event “Standards Ignite 1.0” in association with BIS. 3. Coordinated and involved in curriculum framing and BOS meeting presentation. 4. 6. Conducted regular Aptitude tests through SAIL platform for Placement training. 5. Accompanied students and visited Somamangalam village for UBA household village survey. 6. Involved the verification process of UBA village surveys.
Research Visibility:	<ul style="list-style-type: none"> ➤ Vidwan ID : 592986 ➤ Google Scholar Id: https://scholar.google.com/citations?user=IFvVVg4AAAAJ&hl=en ➤ ORCID: https://orcid.org/0000-0002-5466-7797