

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
STAFF PROFILE**

Staff Name	Ms. V. Nivi	
Faculty ID	TAM22	
Designation	Assistant Professor	
Qualification	ME	
Teaching Experience	2 Years	
Area of interest	Web Programming, Cloud Computing, Data Structures	
Subjects Expertise	Data Structures, Cloud Computing, Web Essentials, Programming in C	
Books Published	-	
Journals published	Published a paper on “AgriBot: An Integrated Chatbot Platform for Precision Agriculture and Farmer Support using Deep Learning Techniques” in “International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)”,pp.1-6, doi:0.1109/ICPECTS62210.2024.10780432; Scopus Indexed Journal; October 2024.	
Conference / workshop attended	<ul style="list-style-type: none"> • Presented a paper titled “AgriBot: An Integrated Chatbot Platform for Precision Agriculture and Farmer Support using Deep Learning Techniques” in “2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)” at Sairam Engineering College, Chennai on October 2024. • Presented a paper titled “Reinforcement Learning based Decentralized Approach for Precision Agriculture and Environment Monitoring” in “3rd International Conference on Augmented Intelligence and Sustainable Systems (ICAISS-2025)” at CARE College of Engineering, Trichy on May 2025. • Presented a paper titled “A Small Rail Guard IoT Based Railway Track Obstacle Detection and Alert System Using Deep Learning Techniques and Computer Vision” in 2025 International 	

	<p>Conference on Computing Technologies & Data Communication (ICCTDC) at Malnad College of Engineering, Hassan on July 2025.</p> <ul style="list-style-type: none"> • Participated on Wipro Certified Faculty Program on .NET Full Stack conducted by TalentNext from 24th June to 12th July 2024. • Attended One Week Faculty Industry Training Programme (FTTP) on Explainable Artificial Intelligence (XAI Technology), SRM Institute of Science and Technology, Chennai from 8th July to 12th July 2024. • Attended One Week FDP on Microsoft Azure AI Engineer Associate, Misrimal Navajee Munoth Jain Engineering College, Chennai from 29th Jan to 2nd Feb 2024. • Attended Six days FDP on Foundation of Data Science & Engineering, Velammal Engineering College, Chennai from 9th Oct to 14th Oct 2023. • Attended Data Science FDP Training Program organized by IBM on 26th Feb 2024. • Attended One Week FDP on “Research Trends in AI innovation & Solutions for Contemporary Challenges”, Saveetha Engineering College, Chennai from 22nd Jan to 27th Jan 2024. • Attended One Week FDP on “Integrating Swarm Intelligence with Artificial Intelligence and Machine Learning”, Panimalar Engineering College, Chennai from 14th July to 19th July 2025.
Funded Project Details	Participated in Niral Thiruvizha (Hackathon) State Competition on June 2024 and received fund amount Rs.10000.
Ph.D Guidance	-
Patents	Published patent on “Explainable Artificial Intelligence Driven Brain Cancer Prediction with Multimodel Image Analysis”. On 22nd March 2024.
Awards & Achievements	Achieved ELITE + SILVER grade in the NPTEL Online Course on ‘Cloud Computing’