



FACULTY PROFILE ON WEBSITE

Faculty Name	Swathi A	
Academic Designation	Assistant Professor	
Educational Qualification	M.Tech	
Experience in Teaching & Industry	4 years	
Date of Joining	25 th January 2024	
Official Email ID	swathi-cse@dsatm.edu.in	
Employee ID	180761	

Educational Details

M.Tech(Software Engineering) ,PES University Bangalore.

B.E (CSE), Atria Institute of Technology Bangalore.

Professional Experience

Assistant Professor in Computer Science and Engineering Department, Dayananda Sagar Academy of Technology & Management, Bangalore from January 2024 till Present

Assistant Professor in Artificial Intelligence & Machine Learning Department, S.E.A college of Engineering and Technology, Bangalore from October 2022 till December 2023

Obtained professional training in Java Programming

Publications

Papers Published

1.Keelagaram Gunaprasad, Swathi A, Sunil S. Harakannanavar, M. Sugumaran, K. Balageeta; "A Multi-Stage Learning and Fusion Framework for Water Quality Assessment using IoT-Based Sensor Data", 2025 5th International Conference on Mobile Networks and Wireless Communications (ICMNWC), 2025.

2. Sruthi P, H Pal Thethi, Deepesh Tamrakar, Chitransh Bose, Pankaj Agrawal, Swathi A; "Blockchain-Integrated Supply Chain Models for Improved Efficiency and Security", 2026 2nd International Conference on Big Data & Machine Learning (ICBDML), 2026.

3. Manusha Reddy, A; Divya, HN; Swathi, A; Yamini, G; Swetha, B; Maddineni, Siri; "A Hybrid Generative AI, DQN, Heuristic Framework for Intelligent Gaming Environments", International Conference on Sustainable Computing and Intelligent Systems, Vol 19-26, Pg 93-101, 2026, Springer Nature Switzerland.

4. Mangala H S, Keerthana Shankar, K Deepa Shree, H N, Divya, Swathi A, Amrutgouda M Patil; "AI-Enhanced Phishing Defense & Real-Time Malicious URL Detection", 2025 International Conference on Sustainability, Innovation & Technology (ICSIT), 2025.

5. Nagaraj M Lutimath¹, Divya H N², Bhavya V, Keerthana Shankar, Swathi A, Mamatha A, "Prediction of Parkinson's Disease: An MLP Approach", IEEE Conference, "World Conference On Cutting Edge Science and Technology", WCCEST-2025., Indore, on 24th Sept- 26th Sept 2025.

6. Nagaraj M. Lutimath, Usha C R, Vinay T R, , Tripti Kulkarni, Swathi A, Jyothi M V, "Transfer Learning Driven Flower Classification With Optimized MobileNetV2 Architecture", 2025 International Conference on Emerging Computation and Information Technologies (ICECIT), Tumakuru, 19th to 20th Dec 2025.

Patents Published

1) "Solar Powered Waste Segregation System" – 202441094104, by Intellectual Property India, On 13-12-2024

2) "NEXA – Contextual and Reasoning-Based AI Assistant" – 202541126389, by Intellectual Property India, on 02-01-2026.

3) "AI-Designed Nanoparticles for Personalized Cancer Therapy" – 202441104032, by Intellectual Property India, on 03-01-2025.

4) "AI and IoT-Based Real-Time Detection of Pesticide Residues in Organic Produce" – 202541126381, by Intellectual Property India, published on 02-01-2026

Academic Activity

NBA ,NAAC criteria documentation
Project guidance
Class Teacher
Mentor

Faculty Development Activity/Workshops

- 1) Participated in 5-Days Faculty Immersion Program on “Empowered Teachers as the torch bearers and pedagogical leaders” organized by Teaching Learning Center, DSATM, Bengaluru, from 26-02-2024 to 01-03-2024.
- 2) Participated in 5-Days Faculty Development Program on Agentic AI(Building Intelligent Systems) from 22nd December to 27th December 2025 organized by INNOMATICS RESEARCH LABS.
- 3) FDP on Programming in Java organized by NPTEL
- 4) FDP on Research Methodology organized by NPTEL
- 5) FIP on “Designing Industry-Ready Products” organized by Nikki.Build
- 6) FDP on Agentic AI Educate the Educator organized by Capabl on 25th April 2026

NPTEL COURSES

Programming in Java organized by NPTEL
Research Methodology organized by NPTEL

Contact Details

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