



FACULTY PROFILE ON WEBSITE

Faculty Name	Swetha B	
Academic Designation	Assistant Professor	
Educational Qualification	B.E, M.Tech	
Experience in Teaching & Industry	2 & 4	
Date of Joining	08/09/2025	
Official Email ID	Swetha-cse@dsatm.edu.in	
Employee ID	180880	

Educational Details

- PhD: Pursuing PhD in Artificial Intelligence under VTU Belagavi.
- M.Tech in Computer Science and Engineering under VTU Belagavi, 2013.
- B.E in Computer Science and Engineering under VTU Belagavi, 2011.

Professional Experience

- Working as Assistant Professor-CSE in Dayananda Sagar Academy of Technology & Management, Bangalore from Sep 2025 till date.
- Worked as Software Engineering Associate at BT group, Bangalore from Dec 2023-Jul 2025.
- Worked as Associate Business Analyst in Infosys, Bangalore from Apr 2023- Nov 2023.
- Worked as Software Engineer in Wipro, Bangalore from Aug 2022- Apr 2023.
- Worked as Design Engineer in IDC technologies, Bangalore from May 2021- Aug 2022.
- Worked as Guest lecturer in IHRD college of Applied science, Kozhikode from Jun 2015-Mar 2016.

Publications

International Conferences:

- Bagaria, R.; Swetha, B.; Anushree, G.; Mangalmurti, S. **"A Robust X-Ray Image Classification Framework Based on Wavelet Transform and Shift-Invariant Features"**. 4th IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation Iatmsi 2026.
- Anushree G; Swetha B; Vedashree L V; Divyamani L S; Apoorva Tholpady; M Gunajothi. **"Data-Driven Crop Prediction: Combining Ensemble Methods with Interpretable AI"**. 2026 International Conference on Smart Futuristic Technology.
- Sai Vamsi Chennupati; Swetha B; Pawan Kumar; Ginni Nijhawan; Darshan Singh; D Sai Niharika. **"A Real-Time Smart Learning Management System with Automated Performance Analytics and Adaptive Content Recommendation"**. 2026 2nd International Conference on Big Data & Machine Learning (ICBDML)
- Sridhar S K; Shreyas Mathapati; Siddappa L H; Swetha B; Shailesh B S; Sathvik G R. **"AR-CropShield: A Lightweight Offline Mobile System for Rice Disease Detection and Confidence-Aware Treatment Guidance"**. 2026 8th International Conference on Inventive Material Science and Applications (ICIMA).

National Conferences:

Conference Attended

- 2026 International Conference on Smart Futuristic Technology, during 2nd to 3rd January 2026.

Awards

- Texial certified Information security auditor.

Academic Activity

- NBA Coordinator, Department of Computer Science & Engineering, 2025.

Faculty Development Activity/Workshops

- Online FDP on “Agentic AI & Multimodal Large Language Models (MLLMs) for High-Impact Research Publications” held from 17th to 24th December 2025.
- Online FDP on “Agentic AI (Building Autonomous Intelligent Systems)” conducted by INNOMATICS RESEARCH LABS from 22nd December 2025 to 27th December 2025.
- Online FEP on Cyber Security. Conducted from January 12, 2026 to January 16, 2026.
- ATTENDED THE 3-DAY ROBOTICS WORKSHOP WHICH WAS CONDUCTED BY BHARAT SPACE EDUCATION RESEARCH CENTRE UNDER STEM TO SUPPORT THE VISION OF VIKSIT BHARAT @2047 FROM 20TH FEBRUARY TO 22ND FEBRUARY 2026.

Contact Details

Assistant Professor, Department of Computer Science & Engineering.
Dayananda Sagar Academy of Technology & Management.
Udayapura, Kanakapura road.
Bangalore- 560082
Swetha-cse@dsatm.edu.in