



FACULTY PROFILE ON WEBSITE

Faculty Name	Mr. Sathwik Shetty B	
Academic Designation	Assistant Professor	
Educational Qualification	M.Tech	
Experience in Teaching & Industry	1.5 & 3	
Date of Joining	30 th January 2026	
Official Email ID	sathwik-csds@dsatm.edu.in	
Employee ID	180913	

Educational Details

M.Tech in Computer Science and Engineering with specialization in Big Data Analytics

Professional Experience

Organization: DSATM, Bengaluru

Designation: Assistant Professor

Duration: January 2026 – July 2026 (Present)

Organization: S-VYASA

Designation: Assistant Professor

Duration: November 2024 – June 2025

Organization: Kalvium

Designation: Technical Mentor Intern

Duration: August 2024 – October 2024

Organization: Simplilearn

Designation: Senior Learning Designer

Duration: July 2025 – January 2026

Organization: Philips
Designation: Business Transformations Intern
Duration: August 2023 – June 2024

Organization: Amazon
Designation: SPS Associate
Duration: January 2022 – July 2022

Organization: Cipla Ltd
Designation: Apprenticeship Trainee
Duration: February 2020 – February 2021

Organization: Think and Learn Private Ltd
Designation: Business Development Associate
Duration: August 2019 – December 2019

Publications

Selected Publications:

- S. Y, B. P. Nandan, S. S. B, A. S and S. T. Tummoju, "Attention-Enhanced Image Processing for Mobile Augmented Reality in Real-Time Object Monitoring," **2026 3rd International Conference on Integrated Intelligence and Communication Systems (ICIICS)**, Kalaburagi, India, 2005, pp. 1-7, doi: 10.1109/ICIICS67880.2026.11483615. keywords: {Performance evaluation;Inference mechanisms;Image processing;Lighting;Data augmentation;Real-time systems;Mobile handsets;Robustness;Monitoring;Augmented reality;augmented reality;data augmentation;image processing;mobile-aware adaptive inference;you only look once},
- S. S. B, P. Thiyagarajan, L. Patel, K. Anguraj and G. Reeteka, "Adaptive Cognitive Vision System for Intelligent Industrial Automation," **2026 3rd International Conference on Integrated Intelligence and Communication Systems (ICIICS)**, Kalaburagi, India, 2005, pp. 1-6, doi: 10.1109/ICIICS67880.2026.11483511. keywords: {Visualization;Adaptation models;Automation;Adaptive systems;Machine vision;Semantics;Reinforcement learning;Feature extraction;Cameras;Cognition;adaptive cognitive policy module;cognitive vision systems;context-aware event reasoning layer;reinforcement learning;spatio-temporal attention vision module},
- M. Nallagangulla, S. S. B, S. A. V, T. Saravanan and M. Soni, "ECCL-AgriNet: Environmental Consistency Contrastive Learning for Smart Agriculture Monitoring Using

Image Analytics and IoT Sensors," **2026 4th International Conference on Integrated Circuits and Communication Systems (ICICACS), Raichur, India, 2026**, pp. 1-7, doi: 10.1109/ICICACS68679.2026.11578519. keywords: {Crops;Internet of Things;Modeling;Image sensors;Monitoring;Visualization;Smart agriculture;Equations;Learning (artificial intelligence);Timing;contrastive learning;crop anomaly detection;image analytics;internet of things;mobilenetv2;smart agriculture;temporal convolution network},

Patents Published:

- THEORIA – Cognitive Bias Intelligence: An Explainable AI System for Real-Time Multi-Dimensional Cognitive Bias Detection Using PEFT-Optimized Large Language Models and Retrieval-Augmented Generation

International Conferences:

National Conferences:

Conference Attended

- 2026 3rd International Conference on Integrated Intelligence and Communication Systems (ICIICS) on 20-21 February 2026
- 2026 4th International Conference on Integrated Circuits and Communication Systems (ICICACS), Raichur, India, 2026 on 22nd and 23rd May 2026

Awards

Academic Activity

Faculty Development Activity/Workshops

- Faculty Development Program on “Outcome Based Education”.
- Agentic AI Workshop

Contact Details

Name: Sathwik Shetty B

Department: Computer Science and Engineering (Data Science)

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