



Dayananda Sagar Academy of Technology & Management

(Autonomous Institute under VTU)

Affiliated to **VTU**
Approved by **AICTE**
Accredited by **NAAC** with **A+** Grade
6 Programs Accredited by **NBA**
(CSE, ISE, ECE, EEE, MECH, CV)

Faculty Name	Kavyashree G M	
Academic Designation	Assistant professor	
Educational Qualification	M.Tech	
Experience in Teaching & Industry	8 years 10 Months	
Date of Joining	13/10/2022	
Official Email ID	kavyashree-ise@dsatm.edu.in	
Employee ID	180660	

Educational Details

- Registered to ph.D(perceiving)
- 2015: M.Tech (First Class with Distinction) in Computer Networks & Engineering from Visvesvaraya Technological University, Belagavi.
- 2013: B.E (First Class) in Computer Science and Engineering from Visvesvaraya Technological University, Belagavi.

Professional Experience

- September 2022 till Date : Assistant Professor , Dayanada Sagar Academy of Technology and Management , Bangalore
- December 2018- March 2020 : Associate Faculty, Deeksha Jnana Sweekar P U College, Talagattapura, Bangalore
- July 2017-May 2018 : Assistant Professor, International Institute of Business Studies, Daevanahalli
- September 2015-June 2017 : Lecturer, Hi-Tech Polytechnic , Gowribidanur, Chikkaballapur District.

Publications

1. "TruthLens: A ResNet CNN Approach for Detecting Manipulated Media", ICKECS, April 24-25, 2026
2. "Design and Analysis of Novel Power-Optimized ReRAM Array Using 1D1R", ICSFT, Jan2-3, 2026
3. LQR-HyRAG: Latent Logarithmic Query Routing with Hybrid Retrieval-Augmented Generation for Adaptive Education", SSITCON,2025
4. "PQ-FIM-PCES: Enhancing Privacy Compliance in Global Cloud Systems using Post-Quantum Cryptography and Federated Identity Management", SSITCON,2025
5. "Sustainable Parking System Prediction with Dynamic
6. Pricing and Slot Forecasting for Smart Cities", Proceedings of the 2nd International Conference on Smart Innovations in Electrical Engineering (ICSIEE 2025) , Advances in Engineering Research 276
7. "Sleepy Head – Drowsy Driver Detection System", JETIR, March 2024, Volume11, Issue 3

8. "The extensive interpretation of ethical hacking" IJITEE, volume 9 issue 6, 2019

International Conferences:

- 4th IEEE International Conference on Knowledge Engineering and Communication Systems (ICKECS – 2026), April 24 – 25, 2026
- 2nd International Conference on Software, Systems and Information Technology (SSITCON)-2025
- International Conference on Smart Futuristic Technology (ICSFT) Bangalore, India. Jan 2-3, 2026
- 2nd International Conference on Smart Innovations in Electrical Engineering (ICSIEE 2025)

Conference Attended

- 4th IEEE International Conference on Knowledge Engineering and Communication Systems (ICKECS – 2026), April 24 – 25, 2026
- 2nd International Conference on Smart Innovations in Electrical Engineering (ICSIEE 2025) , Advances in Engineering Research 276,

Patent Published

- AI Powered Brain Tumor Detection Using MRI Image published on 8th January 2026
- AI based Real Time Air Quality Forecasting System using CNN-Transformer Hybrid Model with Cloud Integration (Design Grant Patent), published on 22nd August 2025
- Real Time Driver Drowsiness Detection and Alert system Using Facial Recognition, Published on 13th December 2024

Academic Activity

- Worked as Project and Mini-Project coordinator.
- Worked as Technical Department Club (INNOVISIONS) coordinator.
- Worked as NACC Criteria – 2 co-coordinator.
- Worked as NBA Criteria- 2 co-coordinator.
- Proctor and Class teacher.

Faculty Development Activity/Workshops

WORKSHOPS/SEMINARS/SYMPOSIUMS ATTENDED:

- Participated in six days Faculty Development Program on Emerging AI technologies: from Machine Learning to Generative AI, January 2026.
- Participated in six days Faculty Development Program on Generative AI with Large Language Models: Practical Insights and Future Directions, September 2024
- Participated in one week National level Faculty Development Program on Essential Mathematics for Data Science and Machine Learning in, February 2024
- Participated in Faculty Development Program on "Foundations of Generative AI and Block chain for Digital Transformation in, October 2023
- Participated in Faculty Immersion program on Pedagogical initiatives in 2022 in Dayananda Sagar Academy of Technology and management, 2023

WORKSHOPS/SEMINARS/SYMPOSIUMS/TECHNICALTALKS ORGANIZED:

- Organized 3 days Hands-on Workshop on Enterprise Network Layer solutions: Practical Approach on 21st to 23rd May 2026.
- Organized 3 days Hands-on Workshop on Mastering DevOps: Tools, Pipelines and Best Practices on 24th to 26th, November, 2025
- Organized 24 - hours Datathon, Hackathon and Ideathon event (Techtraid) on 12th November 2025 at DSATM Bangalore.
- Organized 24 - hours Hackthon event (Technospark) on 22/ 07/2024 to 23/07/2024 at DSATM Bangalore.
- Organized 3 days Hands-on Workshop on Block-Chain and Crypto Fundamentals on 11/07/2024 at DSATM Bangalore.
- Organized project open day -2024 for final year students on 11/05/2024 at DSATM.
- Organized Project Symposium for 7th semester students on 21/12/2023 at DSATM
- Organized 24 – hours Hackthon event (IGNUS) on 07/08/2023 to 08/08/2023 at DSATM, Bangalore.
- Organized project Open-Day(A final year student project Exhibition) on 19/05/2023 at DSATM
- Organized Heritage Walk to Talakadu and Sri venugopalaswamy Temple on 17/02/2023 for students under SCR-activity at DSATM Bangalore.

CERTIFICATIONS COMPLETED:

NPTEL:

- Introduction to Machine Learning, 2026
- Outcome based Pedagogic Principles for Effective Teaching: March 18, 2023
- Design and Analysis of Algorithms: October 20, 2024

Contact Details

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