



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	Raghava M S	
Academic Designation	Assistant Professor	
Educational Qualification	M.Tech., (PhD)	
Experience in Teaching & Industry	14.3 Years	
Date of Joining	11/10/2021	
Official Email ID	Raghava-aiml@dsatm.edu.in	
Employee ID	180526	

Educational Details

- Pursuing Ph.D., Visvesvaraya Technological University (VTU).
- Master of Technology (M.Tech.) in Computer Science and Engineering, Visvesvaraya Technological University (VTU), September 2010 – August 2012.
- Bachelor of Engineering (B.E.) in Information Science and Engineering, Visvesvaraya Technological University (VTU), September 2004 – June 2008.

Professional Experience

- Assistant Professor, Department of Artificial Intelligence & Machine Learning, Dayananda Sagar Academy of Technology and Management (DSATM), Bengaluru, October 2021 – Present.
- Assistant Professor, Department of Computer Science and Engineering, Sambhram Institute of Technology, Bengaluru, January 2012 – October 2021.

Publications

Scopus Indexed Publications:

- [1] KeshavaMurthy T G, Dr Sapna M K, Sindhu K, Suchitra Devi A, Raghava M S, Bharath B AgriSense: An AI-Powered Multi-Source Crop Yield Prediction and Advisory Framework for Smallholder Farming”2026.
- [2] Raghava M.S., Muppala P., Subramanian P.S., Dutt A., and Dobhal D.C., "AI-Based Information Management and Resource Optimization for High-Performance Computing Environments”,2026.
- [3] Raghava M.S., Amaan M.H., Jyoti K., Sohail S.M., and Madhu N., "Review on Fresh Water Fish Disease Detection Using Image Processing," 2025.
- [4] Raghava M.S., Hugar S., Sangeetha V., Bhavya Jyothi A., and Sindhu K., "Predictive Modeling for Early-Stage Parkinson's Diagnosis: An Evaluation of Boosted and Statistical Learning Techniques," 2025.
- [5] Raghava M.S., Veeravalli S.D., Balla Venkata S., Appachu Devanira Poovaiah S., and Turaev D., "Breaking the Swarm Paradigm: Single Candidate Optimization for Cloud Task Allocation," November 2025.
- [6] Raghava M.S., Nandihal P., Ashirova A., Begaliev A., and Ruzieva M., "Lightweight Dual-Stream IDS: Feature-Pruned CNN–LSTM with Fast Random-Learning Aquila Optimisation," November 2025.
- [7] Raghava M.S., Hussein L., Siddiqua A., Sengupta A., and Chaudhari S.D., "Emotion-Adaptive Human-Robot Interaction Using Multisensory Cross-Attention Fusion with Multi-Temporal Resolution Convolutional Neural Networks," December 2025.

International Conferences:

- [1] KeshavaMurthy T G, Dr Sapna M K, Sindhu K, Suchitra Devi A, Raghava M S, Bharath B AgriSense: An AI-Powered Multi-Source Crop Yield Prediction and Advisory Framework for Smallholder Farming”2026.
- [2] Raghava M.S., Muppala P., Subramanian P.S., Dutt A., and Dobhal D.C., "AI-Based Information Management and Resource Optimization for High-Performance Computing Environments”,2026

- [3] Raghava M.S., Amaan M.H., Jyoti K., Sohail S.M., and Madhu N., "Review on Fresh Water Fish Disease Detection Using Image Processing," 2025.
- [4] Raghava M.S., Hugar S., Sangeetha V., Bhavya Jyothi A., and Sindhu K., "Predictive Modeling for Early-Stage Parkinson's Diagnosis: An Evaluation of Boosted and Statistical Learning Techniques," 2025.
- [5] Raghava M.S., Veeravalli S.D., Balla Venkata S., Appachu Devanira Poovaiah S., and Turaev D., "Breaking the Swarm Paradigm: Single Candidate Optimization for Cloud Task Allocation," November 2025.
- [6] Raghava M.S., Nandihal P., Ashirova A., Begaliev A., and Ruzieva M., "Lightweight Dual-Stream IDS: Feature-Pruned CNN-LSTM with Fast Random-Learning Aquila Optimisation," November 2025.
- [7] Raghava M.S., Hussein L., Siddiqua A., Sengupta A., and Chaudhari S.D., "Emotion-Adaptive Human-Robot Interaction Using Multisensory Cross-Attention Fusion with Multi-Temporal Resolution Convolutional Neural Networks," December 2025.
- [8] Raghava M.S., Sushmitha R., Tejaswini K.S., Sindhura S. Kotian, and Tejashree K.R., "IoT-Based Industrial Pollution Monitoring," International Research Journal of Engineering and Technology (IRJET), May 2019.
- [9] Mr. Raghava M S, Aditya M N, Anvith D Nayak, Priyansh Kapadia, Suhas Shenoy "Automated Attendance Management using Computer Vision: A Robust and Efficient Approach for Academic and Organizational Environments ", Vol 30, Issue 7, Jiuly-2024, Journal of Xidian University

National Conferences:

- [1]Raghava M S , Tejashwini S P, Kavya Sree ,Sneha A , Naveen R., AI DEEP FAKE DETECTION RESEARCH PAPER., International Journal of Novel Research and Development., Volume 8, Issue 10 October 2023.
- [2] International Research Journal of Engineering and Technology (IRJET), May 2019.
- [3] Semantic Similarity-Based Clustering and Modeling Using Latent Dirichlet Allocation (LDA)," June 2018.

[4] Dynamic Congestion with Free DSR Transmission Protocol for Wireless Sensor Networks," May 2012.

Awards

- Best paper award for paper presented title “FinMod-GEX: A Multi-Modal, Generative, and Explainable AI System for Financial Market Intelligence”, ICAIN-2025.

Academic Activity

- Placement coordinator
- IA coordinator
- Class teacher
- VTU/Autonomous Exam coordinator
- PAC coordinator

Faculty Development Activity/Workshops

- Virtual Faculty Enablement Program (FEP): Java Programming, Infosys – January 2026.
- Virtual Faculty Enablement Program (FEP): Agile Methodology, Infosys – June 2026.
- Faculty Enablement Program (FEP), Infosys, Mysuru – 2022.
- Advanced Tools and Techniques for Best Research, RV Institute of Technology and Management (RVITM) – 2022.
- Application of Statistical Tools in Management Research, Sambhram Institute of Technology, Bengaluru, 2015.
- Microcontroller and Embedded Systems, Sambhram Institute of Technology, Bengaluru.
- Mobile Application Development, Global Academy of Technology, Bengaluru, 2014.
- Outcome-Based Education (OBE), Sambhram Institute of Technology, Bengaluru, 2014.
- Research Database Management and Software Tools, Sambhram Institute of Technology, Bengaluru, 2013.
- Innovative Engineering Solutions for Societal Development, Sambhram Institute of Technology, Bengaluru, 2012.
- Living and Working with Data, Sambhram Institute of Technology, Bengaluru, 2012.

Patents

1. Patent published in “Computer Vision Based Movement Evaluation System for Prognosis Analysis of Patient Rehabilitation and Method Thereof”. Patent published 27/03/2026. Application No:202641033893.
2. Patent published in “An Ai-Enabled System for Wildlife Conservation And Management”. Patent published 20/03/2026. Application No:202641026852.
3. Patent published in “Credit Card Fraud Detection Using Machine Learning And Data Science”. Patent published 02/01/2026. Application No:20254112332.
4. Patent published in “An Early Brain Stroke Detection System with data driven and medical Image Analysis: Approach Using Machine Learning”. Patent published 05/09/2025. Application No:202541074096.
5. Patent published in “Smart Pee Alert Device”. Patent published 10/01/2025. Application No:202441104148.
6. Patent published in “A Real-Time Translation System for The Hearing-Impaired Using Sign Language Bridging Communication Gap”. Patent published 28/11/2025. Application No:202441104148.

Funding and Consultancy

- Received project sponsorship for 49th KSCST SPP for the year 2025-26 - Rs. 5000/- for title: “Ai-Powered Freshwater Fish Disease Detection Using Mobilenetv2 And Grad-Cam”.
- Received project sponsorship for 49th KSCST SPP for the year 2025-26 - Rs. 4500/- for title: “Agentic Ai System For Integrated Tax Planning, Portfolio Management And Investment Advisory”.

Contact Details

Phone:8105963010

Email-id: raghava-aiml@dsatm.edu.in