



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	Ms. Jayasree M	
Academic Designation	Assistant Professor	
Educational Qualification	B.Tech , M.E, Ph.D pursuing	
Experience in Teaching & Industry	4 years	
Date of Joining	16/03/2026	
Official Email ID	jayasree-aiml@dsatm.edu.in	
Employee ID	180922	

Educational Details

- Pursuing Ph.D. in Computer Vision, SRM Institute of Science and Technology, Chennai
- M.E (VLSI Design and Embedded Systems) from Madras Institute of Science and Technology, Chrompet, Tamil Nadu, India
- B. Tech (Electronics and Communication Engineering), College of Engineering Munnar, CUSAT University, Kochi, India

Professional Experience

- Currently working as Assistant Professor in the Department of Artificial Intelligence and Machine Learning, Dayananda Sagar Academy of Technology & Management.
- Worked as Assistant Professor, Dept. Of AIML, Kongu Engineering College, Erode from June 2024 to May 2025.
- Worked as Senior and Junior research fellow in Department of EIE, SRM Institute of Science and Technology from November 2020 to May 2023.
- Worked as Digital Marketing Executive in Evizon Technologies Pvt Ltd, Cochin, Kerala from May 2016 to August 2018.

Publications

Scopus Indexed Publications:

- [1] Jayasree M, Sunitha K.A*, Brindha A, Punna Rajasekhar, G. Aravamuthan, and Joselin Retnakumar G, "Deep Transfer Learning Approach for Addressing Yaw Pose Variation to Improve Face Recognition Performance", Intelligent Automation and Soft Computing, June 13 2023. (Published Online, doi: <https://doi.org/10.32604/iasc.2024.052983>, IF-2, Q2, Scopus)
- [2] Jayasree M, Sunitha K.A*, Brindha A, Punna Rajasekhar, G. Aravamuthan, and Joselin Retnakumar G, "Boundary-Marked Face Recognition with Occlusion Handling for Dense Environment Applications", ETRI Journal, 10.4218/etrij.2024-0380 (Science Citation Index, IF-1.3, Q2, SCIE)
- [3] Jayasree M, Sunitha K.A*, Brindha A, and Joselin Retnakumar G, "TwinLoss-Guided Multiscale Wavelet-Attention Network for Discriminative Twin Face Recognition", Signal, Image and Video Processing, (Manuscript Submitted in October 2025, Journal Impact Factor: 2.1)

International Publications

- [1] Abhila Anju O, Jayasree M, Yashica S, Vishali K S, Yuvaraj M, Suresh Babu K, "Advanced Wildfire Detection Using Deep Learning Algorithms: A Comparative Study of CNN Variants." International Research Journal on Advanced Science Hub, RSP Science Hub 7.02 (2025): 79-86.
- [2] M Jayasree, Gokul Chandrasekaran, M Saranya, S Gopinath, T Rajasekaran, "WN-Based Skin Cancer Lesion Segmentation of Melanoma Using Deep Learning Methods", Indonesian Journal of Electrical Engineering and Informatics (IJEI), 10.52549/ijeei.v13i2.6151
- [3] M. Jayasree, K. A. Sunitha, A. Brindha, P. Rajasekhar and G. Aravamuthan, "BoundNet: Pixel Level Boundary Marking and Tracking of Instance Video Objects"; 2022 3rd International Conference for Emerging Technology (INCET), Belgaum, India, 2022, pp. 1-6, doi: 10.1109/INCET54531.2022.9825413. (IEEE)
- [4] Jayasree M, Sunitha K.A*, Brindha A, Punna Rajasekhar, G. Aravamuthan, and Joselin Retnakumar G, "Realtime Ear Biometrics for Person Identification in an Unconstrained Environment using Deep learning", ICIMBT, SRMIST-KTR, 2023
- [5] Jayasree, M., Sunitha, K. A., Brindha, A., Punna, R., Aravamuthan, G., & Joselin Retnakumar, G. (2025). An improved multiple face recognition system for crowd monitoring applications based on transfer learning approach. In T. Kin Shun Wong & V. K. Kapala (Eds.), 6G Communications Networking and Signal Processing (SGCNSP 2023), Lecture Notes in Electrical Engineering (Vol. 1270). Springer, Singapore. https://doi.org/10.1007/978-981-97-7876-8_33. (Scopus Indexed Conference)

Awards

- Won first place with cash award in the coding competition conducted by “IEEE SPS winter school on Deep Learning for Image Restoration and Computer Vision,” held on 10th December 2022.

Academic Activity

- Coordinator for guest lectures by industry experts to bridge the gap between academia and industry at Kongu Engineering College.
- Served as a Newsletter Editorial Team Member, contributing as the cover page and newsletter template designer at SRM Institute of Science and Technology.
- Initiated and facilitated the signing of a Memorandum of Understanding (MoU) with EVAI Technologies Pvt. Ltd. to strengthen industry-academia collaboration.
- Mentoring students in industry-oriented projects in collaboration with EVAI Technologies Pvt. Ltd.
- Actively involved in the preparation and submission of funded research proposals in the areas of Artificial Intelligence and Computer Vision.
- Facilitated student placements to get industry jobs (placement team)
- Mentored student teams for Smart India and various Hackathons
- Supervised 6+ industry-level student projects
- Served as Media Team Coordinator.

Faculty Development Activity/Workshops

- Fundamentals of Information Security course by Infosys Spring board on June 1, 2026
- 6 Days National Level Faculty Development Program (FDP) on Generative & Agentic AI - Tools & Demo's organized by Department of CSE, Sardar Vallabhbhai National Institute of Technology (SVNIT) Technically Co-sponsored by IEEE - Gujarat Section & partnered with Pantech Solutions (India) Pvt., Ltd. from 16th - 21st February 2026
- Microsoft Power BI Data Analyst (40 Hours) powered by E&ICT academy during 09 Dec 2024 to 13 Dec 2024.
- Attended five days FDP on DevOps by GUVI Geek Network Private Limited from 25 to 29th November, 2024.
- 3 weeks Industrial Training Program on “AI & Deep Learning & Computer vision with python” by Eduxlabs in association with Mechanica IIT Madras from 30/01/2023 to 15/02/2023.
- Attended 3 days workshop on “NVIDIA DLI JETSON NANO” by Department of Computer Science and Engineering, SRMIST-VDP held on 10/03/2022 to 12/03/2022.
- National Faculty Development Programme on “Recent Advances in Quantum Machine Learning for Defence and Security Applications” organized by Department of Data Science and Business Systems (DSBS) School of Computing (SCO) with Department of Defence and Development Organization (DRDO), Government of India from 07-03-2022 to 11-03-2022.
- Attended IEEE SPS winter school on Deep Learning for Image Restoration and Computer vision organized by SRM University-AP on 05/12/2022 to 10/12/2022.

- Participated in Skill Building Workshop on “AI IN COMPUTER VISION” Organized by Department of Computer Science and Engineering, SRMIST-VDP held on 16-09-2021 and 17-09-2021.

Patents

1. Patent published – “Medicine Dispenser for Elderly People”, on 24/04/2026. Application No.: 202644045923

Funding and Research Grants

- Received SRF and JRF Fellowship for the funded project Robust Shape Based Face Recognition System from Board of Research in Nuclear Sciences (BRNS), Bhabha Atomic Research Centre, Govt.of India, Mumbai under Sanction No: 59/14/05/2019-BRNS/ worth of INR 23.4 Lakhs.

Professional Societies

- Member IEEE

Contact Details

Phone No.: 9400173014

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