




# 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)

<b>Faculty Name</b>	<b>Jayasree M</b>	
<b>Academic Designation</b>	<b>Assistant Professor</b>	
<b>Educational Qualification</b>	<b>M.E, Ph.D Pursuing</b>	
<b>Experience in Teaching &amp; Industry</b>	<b>1 &amp; 3</b>	
<b>Date of Joining</b>	<b>16-03-2026</b>	
<b>Official Email ID</b>	<b>Jayasree-aiml@dsatm.edu.in</b>	
<b>Employee ID</b>	<b>180922</b>	

## Educational Details

### **Doctor of Philosophy (2021-Expected June 2026): Computer Vision**

**Title:** “Pixel level exact face boundary marking and recognition using deep learning techniques”

**Institution:** SRM Institute of Science and Technology, Dept of EIE, SRMIST-603203, Kattankulathur, Chennai, India

**Master of Engineering (April 2020):** VLSI Design and Embedded Systems: Department of Electronics and Communication Engineering, Madras Institute of Science and Technology, Chrompet, Tamil Nadu, India.

**Bachelor of Technology(April 2016):** Department of Electronics and Communication Engineering, College of Engineering Munnar, CUSAT University, Kochi, India.

## Professional Experience

**16-03-2026 onwards- Assistant Professor, Department of AI&ML, Dayananda Sagar Academy of Technology and Management, Bangalore.**

**06/2024 to 05/2025 - Assistant Professor, Department of AIDS, Kongu Engineering College, Erode, Tamil Nadu, India.**

**11/2020 to 05/2023-Senior and Junior Research Fellow, SRM Institute of Science and Technology, Dept of EIE, SRMIST-603203, Kattankulathur, Chennai, India Funding Agency : Board Of Research**

in Nuclear Sciences (BRNS), Bhabha Atomic Research Centre, Govt.of India, Mumbai. Sanction No: 59/14/05/2019-BRNS/.

**05/2016 to 08/2018** – Digital Marketing Executive, Evizon Technoogies, Cochin, Kerala.

## **Publications**

### **RESEARCH 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)
4. 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 (IJEEI), 10.52549/ijeei.v13i2.6151

### **International Conferences:**

1. 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)
2. 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.
3. Jayasree M, Sunitha K.A\*, Brindha A, Punna Rajasekhar, G. Aravamuthan, and Joselin Retnakumar G, “An Improved Multiple Face Recognition System for Crowd Monitoring Applications Based on Transfer Learning Approach”, In: Kin Shun Wong, T., Kappala, V.K. (eds) 6G Communications Networking and Signal Processing.

SGCNSP 2023. Lecture Notes in Electrical Engineering, vol. 1270. Springer, Singapore.  
<https://doi.org/10.1007/978-981-97-7876-833>. (Scopus –Indexed)

### Conference Attended

1. 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)

2. 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

### 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

**Subjects Handled:** Image and Video Analytics (Integrated), Machine Learning (Theory, Lab), Software Project Management.

### Faculty Development Activity/Workshops

### Contact Details

#### PERSONAL PARTICULARS:

**Age:** 31 years

**Date of Birth:** 07<sup>th</sup> November 1994

**Nationality:** Indian

**Gender:** Female

**Marital Status:** Married

**Mobile Number:** 9400173014