



FACULTY PROFILE ON WEBSITE

Faculty Name	Deepthi V	
Academic Designation	Assistant professor	
Educational Qualification	Mtech, (PhD)	
Experience in Teaching & Industry	7 & 1	
Date of Joining	14 -11-2022	
Official Email ID	deepti-ece@dsatm.edu.in	
Employee ID	180672	

Educational Details

Course	Year of Passing	Institution	University / Board
PHD in Robotics Domain	Pursuing- Comprehensive viva completed(registered feb 1 2024)	Cambridge institute of technology, Bangalore(Research Centre)	VTU
M.Tech in Digital communication and Networking	2015	S.J.C Institute Of Technology, Chickballapur, Karnataka	V.T.U Karnataka
B.E in Telecommunication Engineering	2013	S.J.C Institute Of Technology, Chickballapur, Karnataka	V.T.U Karnataka
P.U.C	2009	Sarvodaya Pre University College	P.U Board Karnataka
S.S.L.C	2007	S.S.E.A Junior College	Karnataka Board

Professional Experience

- ✚ Currently working as, a Asst. Prof in Dayananda Sager Academy of Technology and Management in ECE Department since 14th Nov 2022.
- ✚ Worked as a Asst. Prof at Acharya Institute of Technology in ECE department from Dec 8th 2021 to Dec 29th 2022.
- ✚ Worked as a Lecturer in R.R. Polytechnic from March 23rd 2019 to March 2021.
- ✚ Worked as **Junior Software Engineer** with **Ubika Softwares** from 1st Nov 2017 to 1st Nov 2018.

Publications

1. Journal Paper on “Centralized Traffic Management system using computer vision” (published date on 7-06-2023).
2. Book Chapter published in IGI global(Scopus) on “An Analysis of AI in Healthcare” (12-03-2024).

International Conferences:

1. Conference paper on “Power grasping and manipulation of complex shaped object using Brain computer interface and visual strategies on robotic arm” under Taylor and Francis(Springer) (Aug 2024).
2. Conference paper on “Edge-Aware Vision Assistance: A Real-Time Transformer Based Object Detection and Reading System for Visually Impaired Users” under IEEE (March 2026)
3. Conference paper on “AI and Machine Learning–Driven Study on Underwater Image Enhancement Utilizing Variational DIP Frameworks for IoT-Enabled Underwater Networks”. under IEEE (April 2026)
4. Conference paper on “Humanoid Robot Architecture Based on Real-Time Image Processing and Agentic AI”. under IEEE (May 2026)

Academic Activity

1. Organized Workshop on” Applications of artificial intelligence and machine learning using MATLAB”
2. Resourced for one-month Summer School on” Python and embedded learning using Raspberry”.
3. Organized Workshop on “Web Development.
4. Conducted Student development program on “Basic programming on C”.
5. Conducted Student development program on “VLSI Design and Verification”

Faculty Development Activity/Workshops

1. Completed the 5 days online FDP in” Inculcating UHV in Technical education” organized by AICTE.
2. Attended many FDP’s (UHV) and E- quizzes and got certifications.
3. In plant training in “Indian Telephone Industries”-Bangalore for a duration of 1 week.
4. Participated in vocational training on “COMPUTER COMMUNICATION NETWORKS AND INTERNET” at Regional Telecom Training Centre, Mysore for 3 days.
5. Took Training on Manual Testing, Automation in VB scripting for 3 months and got certification.

Contact Details

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Location:	Electronic City