



FACULTY PROFILE ON WEBSITE

Faculty Name	G.Yamini	
Academic Designation	Assistant Professor	
Educational Qualification	M.Tech	
Experience in Teaching & Industry	5.8-Teaching& 1 Year Industry	
Date of Joining	15/05/2023	
Official Email ID	yamini-cse@dsatm.edu.in	
Employee ID	180713	

Educational Details

Year	Degree/Certificate	University/Institute/School	CGPA%
2024	PHD(Registered)	VTU, Belagavi	
2013-2015	M.tech in CSE	Annamacharya Institute of technologies and sciences(Autonomous),Rajampet, Andhra Pradesh.	79%
2008-2012	B.Tech in IT	Sri Venkatesa Perumal College of Engineering and Technology, Puttur, Andhra Pradesh.	73.89%
2005-2006	S.S.C	State Board Of Secondary Education, Andhra Pradesh	84%

Professional Experience

- Working as an **Assistant Professor** in the Department of Computer Science and Engineering at Dayananda Sagar Academy of Technology & Management Bangalore from **15 May 2023 to Present**.

- Worked as an **Assistant Professor** in the Department of Computer Science and Engineering at Sri Venkateswara College of Engineering Tirupati **from 04 September 2020 to 29 April 2023**.
- Worked as a Technical Trainer at IIHT Jayanagar from 25 February 2019 to 07 July 2020.
- Worked as a Technical Trainer at Chisel Animation from 25 February 2017 to 10 October 2017.
- Worked as a Technical Trainer at Aptech Computer Education Indiranagar from 26 September 2014 to 04 September 2015.
- Worked as a Technical Support Engineer at C Cubed Solutions. Responsibilities included providing technical support and managing databases using SQL.

Publications

- Published the conference paper "**A Multi-Model AI System for Visual Disorder Diagnosis: Amblyopia as a Case Study**" in the proceedings of an **IEEE Conference** in **December 2025**.
- Published the conference paper "**Water Contamination Detection with Machine Learning and WSN**" in the proceedings of an **IEEE Conference** in **December 2025**.
- Published the conference paper "**A Hybrid Generative AI, DQN, Heuristic Framework for Intelligent Gaming Environments**" in the proceedings of an **IEEE Conference** in **December 2025**.
- Published the conference paper "**Design and Development of Resilient Cyber-Physical Systems for Real-Time Monitoring and Control in Critical Infrastructure**" in the proceedings of an **IEEE Conference** in **December 2025**.
- Published the conference paper "**AutoFlow: A Secure Automation Framework for Android**" in the proceedings of an **IEEE Conference** in **January 2026**.
- Published the conference paper "**Real-Time Student Learning and Evaluation System Using Intelligent Analytics and Predictive Performance Modeling**" in the proceedings of an **IEEE Conference** in **February 2026**.
- Published the conference paper "**Communication Aware Malware Detection Using Network Flow Bytecode Fusion with Adaptive Focal Optimization**" in the proceedings of an **IEEE Conference** in **June 2026**.
- Published the conference paper "**Biometric BlockChain with Finger-print-based Secret Sharing**" in the proceedings of an **IEEE Conference** in **September 2025**.

International Conferences:

- Presented the conference paper **"A Multi-Model AI System for Visual Disorder Diagnosis: Amblyopia as a Case Study"** at an **IEEE International Conference** and published it in the conference proceedings in **December 2025**.
- Presented the conference paper **"Auto Flow: A Secure Automation Framework for Android"** at an **IEEE International Conference** and published it in the conference proceedings in **January 2026**.
- Presented the paper **"Water Contamination Detection with Machine Learning and WSN"** at an **IEEE International Conference** and published it in the conference proceedings in **December 2025**.
- Presented the paper **"A Hybrid Generative AI, DQN, Heuristic Framework for Intelligent Gaming Environments"** at an **IEEE International Conference** and published it in the conference proceedings in **December 2025**.
- Presented the paper **"Design and Development of Resilient Cyber-Physical Systems for Real-Time Monitoring and Control in Critical Infrastructure"** at an **IEEE International Conference** and published it in the conference proceedings in **December 2025**.
- Presented the paper **"Real-Time Student Learning and Evaluation System Using Intelligent Analytics and Predictive Performance Modeling"** at an **IEEE International Conference** and published it in the conference proceedings in **February 2026**.
- Presented the paper **"Communication Aware Malware Detection Using Network Flow Bytecode Fusion With Adaptive Focal Optimization"** at an **IEEE International Conference** and published it in the conference proceedings in **June 2026**.
- Presented the paper **"Biometric Blockchain with Finger-print-based Secret Sharing"** at an **IEEE International Conference** not yet published.
- Participated in the **National Conference 2013** held at **Annamacharya Institute of Technology and Sciences (AITS), Rajampet, Andhra Pradesh**, and presented a paper on **Wireless Sensor Networks**.
- Published a research paper titled **"Emerging Trends in Information, Digital and Embedded Systems"** (Certificate No.: **V3SI4C012**).
- Published a research paper titled **"Revolutionizing Voting with Blockchain Decentralization"** in **MAT Journals**.

Academic Activity

- Maintenance of NPTEL and Infosys Springboard Certification Records for Students and Faculty

Faculty Development Activity/Workshops

- Successfully completed the **Udemy Certification Course in R Programming**.
- Successfully completed the **NPTEL Online Workshop on Leveraging Generative AI for Teaching Programming Courses**.
- Attended the **Faculty Development Program on Sustainable Solutions for Waste Management and Fire Incidents** conducted by the Department of Civil Engineering at **Dayananda Sagar Academy of Technology & Management (DSATM)**.
- Attended the **Faculty Development Program on Social Emotional Learning** conducted by the **Teaching Learning Center, DSATM**.
- Successfully completed the **Basic Fire Prevention and Fire Fighting Training** conducted at **DSATM**.
- Successfully completed the **Infosys Springboard Foundation Course on Python Foundation Certification in July 2023**.
- Successfully completed the **NPTEL Certification Course on Research Methodology** in **April 2024**.
- Successfully completed the **NPTEL Certification Course on Joy of Computing using Python**.
- Successfully completed the **NPTEL Certification Course on Introduction to Internet of Things**.
- Successfully completed the **ATAL Academy Faculty Development Program on Intellectual Property Rights (IPR) and Entrepreneurship** in **June 2025**.
- Successfully completed the **Infosys Springboard Foundation Course on Front-End Development** in **April 2025**.
- Successfully completed the **Infosys Springboard Foundation Course on Java Foundation Certification** in **February 2026**.
- Earned the **Microsoft Certified: Azure Administrator Associate** certification.
- Successfully completed the 5-Day Faculty Immersion Program on "**Empowered Teachers as the Torch Bearers and Pedagogical Leaders**"
- Successfully completed the ISAC Certified **Cyber Crime Intervention Officer (CCIO)** Certification Program.
- Successfully completed the **AI for Educators** Workshop in **September 2025**.

Contact Details

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