



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 PROFILE ON WEBSITE

Faculty Name	DIVYA H N	
Academic Designation	Assistant Professor	
Educational Qualification	M.Tech (Ph.D.)	
Experience in Teaching & Industry	6 & 2	
Date of Joining	07/01/2022	
Official Email ID	divyahn-cse@dsatm.edu.in	
Employee ID	180 548	

Educational Details

1.Ph.D. in Computer Science & Engineering (Pursuing)

Visvesvaraya Technological University (VTU) Research Centre – Dayananda Sagar Academy of Technology and Management

2. M.Tech. in Web Technologies

Bangalore University – University Visvesvaraya College of Engineering (UVCE)

3.B.E. in Information Science & Engineering

Bangalore University – University Visvesvaraya College of Engineering (UVCE)

4. Diploma in Information Science and Technology

Board of Technical Examinations (BTE) – P V P Polytechnic.

5.SSLC (Secondary School Leaving Certificate)

Karnataka Secondary Education Examination Board –Sri Maruthi Vidhya Mandira

Professional Experience

1.Assistant Professor | January 2022 – Present

Dayananda Sagar Academy of Technology and Management – Bengaluru, India

2.Assistant Teacher | November 2017 – May 2019

Max Muller Public School – Bengaluru, India

Publications

Books – Chapters

1.Lutimath, Nagaraj M; H N Divya; Gatti, Ravi; B K, Byregowda;”**Prediction of heart disease using hybrid Gaussian naïve Bayes Technique**”,Proceedings of the International Conference on Innovative Computing & Communication (ICICC 2024),2023.

Patents Published :

1.“ **AI and RAG Based Investor Startup Matchmaking Platform** “ – 202541126383 ,by Intellectual Property India ,On 02-01-2026 .

2. ” **SMARTVISION : An IoT Alert System for Real System** ” – 202541126392 , by Intellectual Property India, On 02-01-2026 .

3.” **NucleusDrive : Safe and Infinity Mobility Through Nuclear Technology** “ – 202441103958, by Intellectual Property India ,On 03-01-2025 .

4. “ **Solar Powered Waste Segregation System** ” – 202441094104 , by Intellectual Property India,On 13-12-2024 .

5. “**Intelligent Lift Management System**” – 202441093639, by Intellectual Property India ,On 06-12-2024 .

Journals :

1.DIVYA H N, SOURABHA B R, SAI NANDAN SAWANT, SHLOKA S KUNJA, SNEHA,
"Travel loom: Weaving Culture into every Journey"", Volume 6, 2025, issue 15, Dec – 2025

2.DIVYA H N ,SOURABHA B R, SNEHA, SHLOKA S KUNJA, SAI NANDAN SAWANT,
"Predict Household or Grid Electricity Consumption Using Time-Series", Vol.6, 2025, Issue 15, Dec – 2025

3.DIVYA H N,YERRAM SETTI SANDEEP, G S SUCHITHA, SHASHIDHAR FIRANGI, YEDDULA TEJEESH RAGHAV, "Emotion-Based Smile Classifier: A Deep Learning Based Emotion Detection System", Vol. 4, Issue 2 (May – August, 2025), Jul - 2025

4. DIVYA H N,GADDAM TEJAS REDDY, GALETI INDRAVARDHAN, HARSHAVARDAN REDDY V, JEEVAN B, "Inventory Management System: A Web-Based Solution for Efficient Stock Control", vol. 9, no. 2, 2025,Issue 2 -2025, Jul - 2025

5. DIVYA H N , ISHIKA KESHRI, KAVYASHREE R, MANDARA R, "Gesture and Voice Controlled Home Automation", Jul - 2025

6.DIVYA H N,Meghana L D, Preksha R Pailwan ,Priyanshu Priyank,Rajesh Kumar,"Colorization of Black and White Images Using Machine Learning", Jan – 2024

7.DIVYA H N , Karthik Kulkarni, Md Miran Asif, Neeraj Agnihotri, Sahil Sharma, "**Health Care Revolution**", Jan – 2024

8. Divya HN ,Shreyas Gowda SH , V G Adharsh , Dishan C , Sarvesh K , "**NETSPAM – A NETWORK BASED SPAM DETECTION SYSTEM**", International Journal of Research and Analytical Reviews (IJRAR), May – 2023

International Conferences:

1.Divya, HN; Kavyashree, R; Mandara, R; Pushpa, PB; **“GuardianEye: A Smart IoT Surveillance and Alert System for Real-Time Intrusion Detection”**,2026 International Conference on Emerging Research in Smart Electronics and Machine Informatics (ECMI),8-Jan,2026,IEEE.

2. Janani, K; Bhoomika, TS; Bindu, GR; Harini, H; Divya, HN;”**MediSage-AI Driven Prenatal Cardiac and Genetic Disorder Detection”**,2026 4th International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS) ,1640-1644, 2026,IEEE.

3.Praveen Chouksey, Sai Vamsi Chennupati, H Pal Thethi, Mudit Mittal, Divya H N, Pooja Vats; **“Blockchain-Based Authentication and Access Control Mechanisms for Secure Cloud Computing”**,2026 2nd International Conference on Big Data & Machine Learning (ICBDML),6-Jan,2026.

4. Manusha Reddy, A; Divya, HN; Swathi, A; Yamini, G; Swetha, B; Maddineni, Siri; **“A Hybrid Generative AI, DQN, Heuristic Framework for Intelligent Gaming Environments”**,International Conference on Sustainable Computing and Intelligent Systems,Vol 19-26,Pg 93-101,2026,Springer Nature Switzerland.

5.Lutimath, Nagaraj M; Divya, HN; Bhavya, V; Shankar, Keerthana; Swathi, A; Mamatha, A; **“Prediction of Parkinson's Disease: An MLP Approach”**,2025 World Conference on Cutting-Edge Science and Technology (WCCEST),5-Jan,2025,IEEE.

6.Anvitha Chandra,Shilpa. K S, Divya. H N, Palanivel. R, Shalini Raji. A; **“Mandibular Canal Cone Beam Computed Tomography Image Segmentation System using MobileNetV3-Transformers”**,2025 2nd International Conference on Software, Systems and Information Technology (SSITCON),2025.

7.Mangala H S, Keerthana Shankar,K Deepa Shree ,H N, Divya, Swathi A, Amrutgouda M Patil; **“AI-Enhanced Phishing Defense & Real-Time Malicious URL Detection”**,2025 International Conference on Sustainability, Innovation & Technology (ICSIT),2025.

8.H N Divya; Jangid, Devyash Km, Himanshu; **“Investify-No Sharks Required ”**,International Journal of Latest Technology in Engineering, Management & Applied Science,Vol 14,No 6,Pg 70-74,2025,International Journal of Latest Technology in Engineering, Management.

Conference Attended

1."AI Tech Conclave 2026" ,CSI Student Chapter ,Dept. of CSE – DSATM ,04/05/2026

Awards

1."AWS Academy Educator "Badge ,by AWS Academy - 31/07/2025

Recognition for Best Project

2.FAER-Scholar Award Program: A Multidisciplinary Engineering Innovation Challenge 2025-26 [National Level Project Shortlisted among 979 Proposals], Project Title – “An AI Powered Cognitive AR Glasses for Dementia Care”

3. National Level Project Competition 2025, 14-11-2025, Won 3rd Prize,Organised by Bangalore Institute of Technology, Bangalore , Project Title -"MandiMind"

Academic Activity

1.**Project Coordinator** : Dedicated to driving academic excellence, Technical Innovation, and Holistic Student Development. Proactively Mentors Engineering projects in advanced data models while providing consistent academic counseling, progress tracking, and parental communication to maximize student potential. [2022-Present]

2.**Mentor / Proctor** :Counseled Assigned Proctees regularly to monitor academic performance, boost engagement, and drive individual progress. [2022 – Present]

3.**Dept. NBA Coordinator: Led** the Quality Assurance and Accreditation Process [Sept 2024–Dec 2025].

4.**AICTE Activity Coordinator** : Served as the Primary Contact between the Students and Central AICTE System-VTU :[Batch 2021-2025]

5.**NSS Coordinator:** Served as a liaison between students and Institutional NSS Heads to Plan, Execute, and Track Community Service Activities Each semester[2023-2025]

6.**Placement Coordinator:** Managed Administrative Communication and Logistics between the Department and the Central Placement office [2023-2025]

7.**IA Coordinator:** Handled Administrative Tasks for Internal Assessments [2022-2024]

8.**Dept.NAAC Coordinator:** Assisted with all Administrative and Technical Tasks required for Institutional NAAC accreditation visits [2022-23]

Faculty Development Activity/Workshops

1. .Online Certification Course On “**Introduction to Artificial Intelligence**”, Infosys spring board / Infosys.22/01/2026
2. Workshop On “**Agentic AI** “,by Capabl at DSATM ,27/07/2026 – 31/08/2026
- 3.Workshop On “**Claude** “,by CertoMeter at DSATM ,28/04/2026
- 4.Workshop On “**Educate the Educators** “,by Capabl at DSATM ,25/04/2026
- 5.FDP On “**Empowering Educators with AI Tools for Academic Excellence**”,Organized by Presidency University in Collaboration with Association of Universities,09/02-13/02-2026
- 6.Webinar on “**Strategic Approach to Drafting and Publishing Patent Applications** ,by IEEE Vizag Bay ,27th April 2026
- 7.Faculty Immersion Program on “**AI For Educators**”,by Smayan Foundation at DSATM, 22/08 - 26-08-2025
- 8.FDP On "**Data Science with Gen AI**", Innomatics Research Labs, 18/07/2025
9. FDP On “**Cloud Computing Lab**”, JYOTHI INSTITUTE OF TECHNOLOGY,05/03/2025
- 10.“**5G: FUTURE IMPACT, AI COHERENCE AND ADHERANCE TO DIGITAL CONNECTIVITY**” at VIVEKANANDA INSTITUTE OF TECHNOLOGY,by, **AICTE Training And Learning (ATAL) Academy / VIVEKANANDA INSTITUTE OF TECHNOLOGY**,25/08 - 30/08-2025
11. FDP On “**NOSQL Database**”, SJBIT, Sept 2024
- 12.Workshop on " **Ethical Hacking & Cyber Security Workshop** ", SJBIT, Ministry of Electronics & Information Technology ,Aug 2024
13. FIP on Padegogical Approaches, DSATM / **DSATM**, July 2022
- 14.FDP On “**Intellectual Property Rights and TradeMarks**”, DSATM,June 2022

Contact Details

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