



FACULTY PROFILE ON WEBSITE

Faculty Name	Manasa Sandeep	
Academic Designation	Assistant Professor	
Educational Qualification	B.E, M. Tech, (Ph. D)	
Experience in Teaching	13 Years	
Date of Joining	21st July 2014	
Official Email ID	Manasa-cs@dsatm.edu.in	
Employee ID	180210	

Educational Details

- Ph.D - Pursuing in VTU
- M.Tech in RNS Institute of Technology, Bangalore under VTU, Belgaum in 2011
- B.E in JNNCE, Shimoga under VTU, Belgaum in 2009

Professional Experience

- Worked as Assistant Professor in Dept. of CSE at SBMJCE from 2011 to 2012

Publications

- Sandeep M, Nandini C. Automated 3D Tumor Reconstruction and Breast Cancer Detection Using Deep Learning with Secure Data Handling. Journal of Internet Services and Information Security (JISIS). 2026 Feb;16(1):774-96.
- Nayak, Samarth and Raj, Tanishq and Sharma, Anurag and Yadav, Suvi and Sandeep, Manasa and B R, Dr. Annapoorna, MedLegit: An AI-Powered Framework for Insurance Fraud Detection, Pneumonia Diagnosis and Legal Compliance Analysis. (March 4, 2026). Proceedings of the International Conference on Innovative Computing and Communication (ICICC 2026)

- Patel K, KL H, Sandeep M. R-Movignet: A Radiomics-MobileViT Framework with Gated Dilated Convolution for Liver Tumor Segmentation and Characterization. In 2025 2nd International Conference on Software, Systems and Information Technology (SSITCON) 2025 Oct 17 (pp. 1-8). IEEE.
- Jose R, Sandeep M, Jadhav VD, Farooqui Y, Pandit K. Integrating Differential Privacy Techniques in Data Mining for Healthcare Applications. In 2025 International Conference on Intelligent Communication Networks and Computational Techniques (ICICNCT) 2025 Sep 5 (pp. 1-6). IEEE.
- Shilpa M, Nandini C, Sandeep M. DNADeepNNNet: Deep Learning Framework for Genomic Sequence Classification and Regulatory Motif Discovery. In 2025 International Conference on Sustainability, Innovation & Technology (ICSIT) 2025 Aug 22 (pp. 1-6). IEEE.
- Nandini C, Jiang W, Gupta SK, Sandeep M. Hybrid Ensemble Learning Approach for Breast Cancer Detection from Mammogram Images. SGS-Engineering & Sciences. 2025 Nov 5;1(4).
- Nandini C, Jiang W, Gupta SK, Sandeep M. AI based Deep Neural Network for Cervical Cancer Detection using Image Processing Techniques. SGS-Engineering & Sciences. 2025 Dec 25;1(5).
- Sandeep M, Biswas K, Ayush BR, Anagha HP, Amisha AR, Padmaraj C. Medimate: A Platform for Peer-To-Peer Exchange of Compositionally Similar Medicines at Affordable Prices.
- Sandeep M, Nandini C. Implementation of IoT based smart cooking environment. In 2019 1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE) 2019 Mar 19 (pp. 192-195). IEEE.
- Sandeep M, Nandini C, Bindu L, Champa P, Deepika KH, Anushree NS. IoT based smart farming system. International Research Journal of Engineering and Technology (IRJET). 2018 Sep;5(09):1033-6.
- Kumar K Pradeep, Chethan K Murthy, Salma Itagi, R Jeevaraj, Mary Jasmine, HL Nathra, C Nandini, Manasa Sandeep, Comparative analysis of machine learning models for lung cancer detection, Emerging Technologies in AI, Computation, Communication, and Cybersecurity, 64-66, CRC Press, 2025
- S. Bandaru, P. Jyothsna, M. Sandeep, C. Subbalakshmi, D. Dawadi and P. Mishra, "Intelligent Suicide Pre-Detection System Using AI-Enabled Behavioral Analysis," 2025 IEEE 1st International Conference on Recent Trends in Computing and Smart Mobility (RCSM), Bhopal, India, 2025, pp. 1-6, doi: 10.1109/RCSM67767.2025.11507374.

Academic Activity

- PAC Committee
- BoS Member
- BoE Member

Faculty Development Activity/Workshops

- 6 Day FEP on Artificial Intelligence and Generative AI from 6th to 13th April 2026 in BNMIT in association with Infosys Springboard
- 2 Day FDP on Entrepreneurship from 24th & 25th September 2025 in SIT, Tumakuru
- 5 Day FIP on “AI Educator” from 18th to 23rd August 2025 in DSATM, Bengaluru
- 5 Day FDP on “Deep Learning and its Applications” from 23rd to 27th June 2025 in RVCE, Bengaluru
- 5 Day FDP on IPR, Patent and Trademark from 13/02/2023 to 17/02/2023 in DSATM, Bengaluru
- FDP on Design and Analysis of Algorithms, NPTEL on 27/09/2023 in DSATM, Bengaluru
- 5 Day FDP on ESP 32 IOT Development Board from 23/12/2023 to 28/12/2023
- 5 day online FDP on “Art of Writing Research Article and IPR” organized by Department of ISE, Sri Krishna Institute of Technology from 19-07-2021 to 23-07-2021
- 3 day National Level FDP on “ Mobile Application Development -18CSMP68” at DSATM, Bangalore-82 from 22-03-2021 to 24-03-2021
- Attended 3 Day FDP on Microcontroller & Embedded Systems as per VTU 18CSL48 in DSATM from 06-02-2020 to 08-02-2020
- 1 week TEQIP-3 sponsored FDP on “Basic Computer Vision with Python”, organized by Department of ISE, NIE, Mysore from 16th June to 20th June 2020
- FDP on “Machine Learning and Deep Learning with H2O.ai”, at Dayananda Sagar Academy of Technology and management, Bangalore from 28-01-2020 to 1-02-2020
- One week FDP on Internet of Things Conducted by CSE, NITTR, Chandigarh from 10/04/2020 to 14/04/2020
- 5 Day FDP on Data Science using Python from January 8 – 12, 2018
- 3 Day FDP on NBA Workshop from 11-12-2017 to 13-12-2017
- One week FDP on “OOP with Java for DAA Lab & ARM Microcontroller Programming” organized by Dept of ISE, Jyothy Institute of Technology in association with Advanced Electronics Systems, Bangalore from 16th to 21st Jan 2017
- 5 days FDP on “Analog and Digital Electronics and Data Structures with C Laboratories” organized by Dept of CSE & ISE, HKBK college of Engineering, Bangalore from 21st July to 25th July 2016
- 5 days Deep Dive Faculty Enablement Program under Campus Connect Program on “Foundation Program 3.1” conducted by Infosys Limited, Mangalore from 23rd April to 27th April 2012

Contact Details

Assistant Professor
Department of CSE
Dayananda Sagar Academy of Technology & Management
Udayapura, Kanakapura Road
Bengaluru-560082