



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 Name	Mrs. SANGEETA URANAKAR	
Academic Designation	Assistant Professor	
Educational Qualification	BE, ME, (PhD)	
Experience in Teaching & Industry	14 & 1	
Date of Joining	21 Oct 2024	
Official Email ID	Sangeeta-ise@dsatm.edu.in	
Employee ID	180821	

Educational Details

- Currently **pursuing PhD** Under Manipal University (MIT), MAHE.
Registration Year- 2023
Research Centre- Manipal Academy Higher Education Bengaluru,
Manipal Institute of Technology, Bangalore. (MIT)
Status - DAC1, DAC2, DAC3, DAC4 Presentation is completed
Course work completed; Protocol submission completed,
1 Conference paper got indexed and 1 journal paper is on review.
- **ME** – computer Science (Bio- Informatics)-UVCE Bangalore University (2010)
- **BE** - Computer Science & Engineering - KSIT Bangalore. (2007)

Professional Experience

1. City Engineering College, Bengaluru, Affiliated to VTU
Designation Assistant Professor
Period -8 years (8th August 2010 – June 2016) and (Oct 2022- Sept 2024)
2. University of Visweshwarya, Affiliated to Bangalore University
Designation – Lecturer
Period - 3 year (August 2007 to 2008) & (August 2020 to July 2022)
3. Worked as an Intern on a complete Research project – Human T2 Diabetes database in
Geneflux Biosciences Private Limited using analytics using Bioinformatics and BI tools.
Period – 1 year

Publications

1. "Towards Reliable Software: Effective Defect Prediction Using Graph-Based and Neural Network Approaches," 2025 2nd International Conference on Intelligent Algorithms for Computational Intelligence Systems (IACIS), Hassan, India, 2025, pp. 1-4, doi: 10.1109/IACIS65746.2025.11211174.
2. "Deep Learning-Driven Melanoma Detection: A Convolutional Neural Network-Based Classification Approach". In *International Conference on Artificial Intelligence: Theory and Applications* (pp. 446-460). Cham: Springer Nature Switzerland, Aug. 2025. DOI: 10.1007/978-3-032-19182-3_34
3. "YOLO-Enhanced RFGB Architecture for Deep Ensemble Analysis of Post-COVID Cardiovascular Risk," 2025 IEEE International Conference on Emerging Trends in Computing and Communication (ETCOM), Mangalore, India, 2025, pp. 1-6, doi: 10.1109/ETCOM66606.2025.11436883.
4. "MalwareNet: A Web-Based Voting Ensemble Multi-Classifer for Enhanced Android Malware Detection." 2026 4th International Conference on Knowledge Engineering and Communication Systems (ICKECS). IEEE, 2026.

Journals-

1. "TRANSFORMER-BASED MODELS FOR MULTILINGUAL SEXISM DETECTION IN SOCIAL NETWORKS: A BIASAWARE METHOD." *Scientific Culture* 12.1, Part 1 (2026): 4106. **(Q2 Journal- Yet to be Indexed)**

Utility Patents-

1. IOT-INTEGRATED MACHINE LEARNING SYSTEM FOR AUTOMATED SOIL CLASSIFICATION AND INTELLIGENT FERTILIZER RECOMMENDATION TO ENHANCE CROP YIELD

-Application No- 202611002092; Published on 13/02/2026

2. SMART LIBRARY MANAGEMENT WITH MACHINE LEARNING-BASED RECOMMENDATION AND DEMAND FORECASTING

Application No- 202541098126; Published on 14/11/2025

3. A HYBRID DEEP LEARNING AND RULE-BASED FRAMEWORK FOR ACCURATE AND TRANSPARENT AUTOMATED GRADING IN HIGHER EDUCATION

- Application No- 202541099869; Published on 28/11/2025

Design Patents :

1. AI-Based Real-Time Detection of Damaged Roads and Lane Detection for Autonomous vehicles.
Application No- 202441093583; Published on 06/12/2024
2. HomeBand: Modular Wearable for Intelligent Smart Home Control
Application No- 202441093518; Published on 06/12/2024B
3. ML Based Autonomous Weeding Robot
Design No- 466347-001; Granted date- 18/07/2025

Conference Attended

1. International Springer Conference on Smart wireless systems and IoT (SWSIoT-2025), organized by City Engineering College, Bangalore on 19th-10th Sept 2025.
2. IEEE International Conference on Emerging Trends in Computing and Communication (ETCOM), Mangalore, India on 28th -29th Nov 2025
3. Artificial Intelligence: Theory and Applications (AITA2025) on 1st April 2026
4. 4th IEEE International Conference on Knowledge Engineering and Communication Systems (ICKECS-2026) on 24th – 25th April 2026
5. 3rd International Conference on Electronics, computing, communication and control (ICECCC-2026)
6. IEEE Global Symposium on Emerging and Communication Technologies (GSEACT 2026) held on 12th – 13th June 2026

Awards

-NIL-

Academic Activity

- IA Coordinator
- Internship Coordinator
- Mentor-Mentee Committee Conver and Proctor
- NAAC - Criteria 2
- NBA- Criteria 2
- Arranged Hands-on Workshop on Unleash the Power of NoSQL Databases
- Arranged Technical Talk on Data Structures – Stacks and Queues
- Parets-Teacher Meeting coordinator
- Class Teacher for 6th sem (Jan 2025-June 26)
- In-charge of IA Co-ordinator for the department of Information science and Engg.
- Industrial Visit for 3rd sem students- visited to SAP Lab, Bangalore
- Guided for Final year project and seminar for the academic year 2024-25
- Coordinated project exhibition for the academic year 2023.
- External BOE for the department of Computer Science and engineering, UVCE.

Faculty Development Activity/Workshops

1. Participated and completed AICTE Training and Learning Academy Faculty Development Programme on “ The role of Artificial Intelligence in Sustainable Waste Management at Fr. Conceikao Rodrigues college of engineering from 10 – 15 Feb 2025.
2. Participated in Cyber Security and Intrusion Detection Forensics at Don Bosco Institute of Technology from 20-25 Jan 2025.

3. Attended one week National level FDP on AI Tools organized by Dayaanda Sagar Academy of Technology and Management from 17 – 21 Feb 2025.
4. Participated in Faculty Conclave – The key to institutional Excellence on 12 Apr 2025
Participated in 15 hours FDP on Salesforce Administrator, conducted by ICT Academy on 6 – 10 Jan 2025
5. Participated and attended on Machine Learning, organized by SkillDzire in collaboration with AICTE., Duration is from 17-31 March 2025.
6. Participated in one week National level online FDP on “How to write & publish research papers” from 11 to 17 July 2024.
7. Five days FDP on “Agile and DevOps” , held on 24th – 28th June 2024, in Manipal Institute of Technology, MIT Bengaluru.
8. Participated in webinar on Building Generative AI solutions on Intel Technology, on 27th April 24.
9. Five-days FDP on “Universal Human Values” , held on 11th-15th September 2023, ISTE, HKBKCE collage.
10. Five-days FDP on “Analytics using Power BI”, held in 20th-24th March 2023 in G Narayanamma Institute of Technology and Science.
11. Five-days FDP on “AWS (Amazon Web Services)”, held on 27th-3rd March 2023 in AVS Engineering College.
12. Twelve-days AICTE Training and Learning (ATAL) Sponsored Basic/Advanced FDP held on 4th–16th December 2023 in City Engineering College
13. Two-days Workshop on “FullStack Fundamentals BOOTCAMP” held on 7th-8th December 2022 , in City Engineering college.

Contact Details

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