



## FACULTY PROFILE ON WEBSITE

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|-----------------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Faculty Name                      | VIJAYLAXMI INAMDAR          |  |
| Academic Designation              | ASSISTANT PROFESSOR         |                                                                                     |
| Educational Qualification         | MTech(PhD)                  |                                                                                     |
| Experience in Teaching & Industry | 10 yrs                      |                                                                                     |
| Date of Joining                   | 01/09/2022                  |                                                                                     |
| Official Email ID                 | Vijaylaxmi-cse@dsatm.edu.in |                                                                                     |
| Employee ID                       | 180588                      |                                                                                     |

### Educational Details

- **PhD:** Pursuing PhD in Artificial Intelligence from Dayananda Sagar University, Bangalore
- **MTech:** Computer science and Engineering, The Oxford college of Engineering, Bangalore 2012
- **B.E.:** Computer science and Engineering, VTU 2009

### Professional Experience

- Worked as a lecturer in Secab Institute of Engineering & Technology for the year 2012-2013 for one semester and worked as a guest faculty in the Karnataka state women's university, Bijapur for one semester.
- Worked as a lecturer in Raman polytechnic from July 2016 - April 2017.
- Worked as a Assistant Manager- Training in NTTF NEC, Bangalore since December 2017 to June 9<sup>th</sup> 2022.
- Worked as Assistant Professor at Jain University from July – Aug 2022
- Currently working as Assistant Professor at Dayananda Sagar Academy of technology and Management from Sep 2022 till date.

### Publications

1. Paper published and presented in **Springer** with title “**FNAB based prediction of Breast cancer category using Evolutionary programming Neural Ensemble**” in “4th International Conference on Computational Vision and Bio Inspired Computing (ICCVBIC 2020)”
2. Paper published entitled “**Artificial Intelligent System Based Classification in Data Mining for Heart Disease Detection**” in National Conference on “Emerging Trends in Engineering, Technologies and Sciences for Sustainable Development” (ETETSSD- 2012) in the “International Journal of

Environmental Engineering and Management”.

3. Paper published in **Springer** with title **“Analysis and prediction Breast cancer using multi-model classification approach”** in **“ICICC 2021”** held at Dayananda Sagar University Bangalore.
4. Paper published in international conference with title **“Early detection of Breast cancer on HER-2 DNA genomic sequence”**.
5. Paper published in international conference with title **“Online voting using Block chain”**.
6. Paper published in international journal of creative research thoughts (IJCRT) with title **“Segmentation of the Carotid artery using deep learning U-net technique”**.
7. Paper published in international conference with title **“Prediction of Breast cancer using Machine learning and deep learning”**.
8. Paper indexed in Scopus and published in International Journal of Breast Cancer with title **“Automated Segmentation and Analysis of Histopathological Breast Cancer Images for Enhanced IDC Diagnosis and Assessment”**.
9. Paper presented and published in 1st IEEE International conference on Advances in Next-Gen Computer Science (ICANCS-2025) with title **“Enhancing Patient Activity recognition with a smart healthcare system using Hybrid deep learning and artificial butterfly algorithm”**.
10. Paper indexed in Scopus and published ETASR with title **“An AI-Driven Diagnostic Decision Support System Using EP-Optimized RBF Neural Networks for Breast Cancer Detection.”**
11. Paper published and indexed , 2025 IEEE 1st International Conference on Recent Trends in Computing and Smart Mobility (RCSM 2025) with title **“Next-Generation Intrusion Detection Systems for Cloud Security”**.
12. Paper published and indexed in 2026 2nd International Conference on Big Data & Machine Learning (ICBDML) with title, **“Enhancing Generalization in Deep Models through Dynamic Feature Regularization”**.
13. Paper published and indexed in 2025 Tenth International Conference on Science Technology Engineering and Mathematics (ICONSTEM), with title **“Graph Neural Networks-Guided Code Optimization System for Software Performance Enhancement”**.

### **International Conferences:**

1. Paper published and presented in **Springer** with title **“FNAB based prediction of Breast cancer category using Evolutionary programming Neural Ensemble”** in **“4th International Conference on Computational Vision and Bio Inspired Computing (ICCVBIC 2020)”**.
2. Paper published in **Springer** with title **“Analysis and prediction Breast cancer using multi-model classification approach”** in **“ICICC 2021”** held at Dayananda Sagar University Bangalore.
3. Paper published in international conference with title **“Early detection of Breast cancer on HER-2 DNA genomic sequence”**.
4. Paper published in international conference with title **“Online voting using Block chain”**.
5. Paper published in international journal of creative research thoughts (IJCRT) with title **“Segmentation of the Carotid artery using deep learning U-net technique”**.
6. Paper published in international conference with title **“Prediction of Breast cancer using Machine learning and deep learning”**.
7. Paper presented and published in 1st IEEE International conference on Advances in Next-Gen Computer Science (ICANCS-2025) with title **“Enhancing Patient Activity recognition with a smart healthcare system using Hybrid deep learning and artificial butterfly algorithm”**.
8. Paper published and indexed , 2025 IEEE 1st International Conference on Recent Trends in Computing and Smart Mobility (RCSM 2025) with title **“Next-Generation Intrusion Detection Systems for Cloud Security”**.

9.

### **National Conferences:**

1. Paper published entitled “**Artificial Intelligent System Based Classification in Data Mining for Heart Disease Detection**” in National Conference on “Emerging Trends in Engineering, Technologies and Sciences for Sustainable Development” (ETETSSD- 2012) in the “International Journal of Environmental Engineering and Management”.

### **Conference Attended**

1. Paper published entitled “**Artificial Intelligent System Based Classification in Data Mining for Heart Disease Detection**” in National Conference on “Emerging Trends in Engineering, Technologies and Sciences for Sustainable Development” (ETETSSD- 2012) in the “International Journal of Environmental Engineering and Management”.
2. Paper published and presented in **Springer** with title “**FNAB based prediction of Breast cancer category using Evolutionary programming Neural Ensemble**” in “4th International Conference on Computational Vision and Bio Inspired Computing (ICCVBIC 2020)”.
3. Paper presented and published in 1<sup>st</sup> IEEE International conference on Advances in Next-Gen Computer Science (ICANCS-2025) with title “**Enhancing Patient Activity recognition with a smart healthcare system using Hybrid deep learning and artificial butterfly algorithm**”.

### **Awards**

- Placed first prize in National level project competition held by M.S.Ramaiah college of Engg, Bangalore for the project entitled “Artificial Intelligent system-based classification in data mining for heart disease detection”.

### **Academic Activity**

- Main Coordinator for Aurora Tech fest 2025
- Conducted Codethon (Online and Offline) on 27<sup>th</sup> and 28<sup>th</sup> November 2025
- HackSpark (24 hrs. Hackathon) on 28<sup>th</sup> November 2025.
- 3 days Hands-on work shop on AI, Full-stack, cybersecurity and IoT on 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> November 2025.
- Organized expert talk on Campus to corporate for 6<sup>th</sup> semester students on 16<sup>th</sup> April 2026.

### **Faculty Development Activity/Workshops**

- Completed NPTEL course in Python for Data Science.
- Completed OBE course from Infosys Spring board.
- Completed NPTEL course in Leveraging Generative AI for Teaching Programming Courses.
- Completed NPTEL course in Programming in python.
- Completed 5 days FDP on Block chain Technology from Sumeru technologies.
- Completed 2 Days FDP on “Social and Emotional Learning”.
- Completed FDP on Curriculum Design.
- Completed FIP on Cybercrime intervention.
- Completed Atal FDP on “Intellectual Property Rights (IPR) & Entrepreneurship: Building Sustainable Business Models through Innovation”.
- Completed NPTEL course in Industry 4.0: Managing the Digital Transformation.

### **Contact Details**

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Department of Computer Science & Engineering  
Dayananda Sagar Academy of Technology &  
Management. Bangalore-560082  
9845180180

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