Ms. Mayuri S. Lohar

Assistant Professor at Vasantdada Patil Pratishthan's College of Engineering & Visual Arts

- **Department:**

  Information Technology

- **Institute:**

  Vasantdada Patil Pratisthan's College of Engineering & Visual Arts

- **Location:**

  Sion, Mumbai-22

- **Email Address:**

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Personal Profile

Introduction

Ms. Mayuri S. Lohar is an Assistant Professor in the Department of Information Technology. She joined the institute on 1st July 2025. She holds a Master's degree in Computer Engineering, a Bachelor's degree in Information Technology, and a Diploma in Computer Engineering. With three years of teaching experience, she has taught various undergraduate subjects, published five papers in national and international journals, and guided several student projects. Her areas of expertise include Database Management Systems, Computer Organization and Architecture, Computer Algorithms and C Programming. She is a dedicated and passionate educator committed to fostering quality education for students' academic and professional development.

Education

- Master of Engineering (M.E.) in Computer Engineering, Gujrat University (GTU).
- Bachelor of Engineering (B.E.) in Information Technology, Shivaji University, Kolhapur.
- Diploma in Computer Engineering, MSBTE

Professional Experience

- Vasantdada Patil Pratishthan's College of Engineering & Visual Arts, Assistant Professor from July 2025 till (present)
- Atharva College of Engineering, Malad, Assistant Professor from 05/01/2024 to 13/06/2025.
- Sant Gajanan Maharaj College of Engineering, Mahagaon, Gadhinglaj, Assistant Professor from 01/08/2022 to 31/07/2023.

Courses/ Subject Teaching

- C Programming
- Computer Organization and Architecture
- Database Management System
- Devops Lab
- Software Architecture
- MAD and PWA Lab

Research Specialization

- AI / Machine Learning
- Database

Skills

- **Data Science Skills:** Machine Learning - Supervised, Unsupervised, Predictive Modelling, Statistics, Hypothesis Testing, Data Cleansing, Data Visualization, Recommendation System.
- **Algorithms:** Linear Regression, regression Analysis, Classification, Logistic Regression, kNN, Decision Trees, Clustering, Support Vector Machine.

STTP/ FDP

- She has attended various STTPs, FDPs, Courses and been awarded with Certificates.

- These are listed as follows,

Academic Year 2023-24

S.N	STTP/ FDP/ Course Name	Start Date End Date	No. of Days	Organization
1	Faculty Development Program on Cloud Technology with Azure	02 to 03 January 2023	2	SGMRP, Mahagaon
2	Faculty Development Program on DevOps Engineering	04 February, 2023	1	PHN Technology, Pvt. Ltd.
3	FDP on the theme "Inculcating Universal Human Values in Technical Education"	26th July to 28th July 2023.	3	Sant Gajanan Maharaj College of Engineering, Mahagaon

Academic Year 2024-25

S. N	STTP/ FDP/ Course Name	Start Date End Date	No. of Days	Organization
1	Faculty Professional Development Program on Microsoft AI for Educator	03/06/2024 to 12/06/ 2024	10	HSNC University, Mumbai
2	STTP on Effective AI tools for Enhancing Teaching, Learning and Research.	01/07/2024 to 06/07/2024	6	Atharva College of Engineering, Malad
3	Faculty Orientation Program on Universal Human Values	30/07/2024	1	Atharva College of Engineering, Malad
4	Faculty Development Program on Enhancing Network Performance with AI and Machine Learning- Through Use case approach	06/01/2025 to 11/01/2025.	6	IILM University, Gurugram
5	Faculty Development Program on AI and Security: Current Trends and Future Research	20/01/2025 to 25/01/2025.	6	S J C Institute Of Technology
6	Faculty Development Program on Industry 4.0 for Industry and Academia	03/02/2025 to 08/02/2025.	6	Vasantdada Patil Pratishthan's College Of Engineering And Visual Arts
7	Faculty Development Program on AI-Driven Growth: Shaping India's Economy and Global Leadership	24/02/2025 to 01/03/2025	6	MCT'S Rajiv Gandhi Institute Of Technology, Mumbai

Research Publications

1. Paper published on topic "A Virtual Lab to Enhance the Technical Education Using Web Technologies", International Journal for Research Trends and Innovations, June 2023

2. Paper published on topic "Deaf Helper- Sign Language Recognition", International Conference on Science Technology Engineering and Mathematics for Sustainable Development (ICSTEMSD 2024-2nd Edition).

3. Published paper on topic "Ai-Studios", International Journal for Research in Applied Science and Engineering Technology, Vol. 13.

4. Published paper on topic "AI Powered Academic Query Answering System", Journal of Emerging Technologies and Innovative Research, Vol. 12, March 2025.

5. Published paper on topic "Emotion Driven Movie Recommendations: A Sentiment Based Approach", International E- Symposium on "Smart Manufacturing, AI & ML, Industry 5.0, and Sustainable Infrastructure and Energy for the future 2025(iSMILE 2025)".

Certification

- Certificate of Participation for successfully presenting a Paper entitled "Deep learning for stock price prediction" at the 3rd edition of International Conference on Science Technology Engineering & Mathematics for Sustainable Development (ICSTEMSD-2025) held on 21st February, 2025.

- Certificate of Participation for successfully presenting a Paper entitled "Drone technology" at the 3rd edition of International Conference on Science Technology Engineering & Mathematics for Sustainable Development (ICSTEMSD-2025) held on 21st February, 2025.

- Certificate of Participation for successfully presenting a Paper entitled "Electric Vehicle adoption and it's impact on smart cities" at the 3rd edition of International Conference on Science Technology Engineering & Mathematics for Sustainable Development (ICSTEMSD-2025) held on 21st February, 2025.