CURRICULAM VITAE

Dr. Shreya Patankar
3/6, Prabhadevi Gurudeo CHS
Eknath Hatiskar Marg
Prabhadevi, Mumbai 400025

Mobile 9820467690/9082210964
Email: shreya.patankar@somaiya.edu

Objective: To impart knowledge in teaching to achieve and promote outcome based learning.

Educational Qualifications:

➤ Ph.D(Technology) in Computer Engineering (February 2022) from Datta Meghe College of Engineering, Airoli, Mumbai University.

➤ ME(Computer Engg) – November 2012 from Ramrao Adik Institute of Technology, Nerul, Mumbai University Secured Distinction 79%.

➤ BTech(Information Technology) – August 2001from SNDT University, Juhu, Mumbai. Secured first class 65.03%

Work Experience: 22 years

➤ Working as Assistant Professor at K. J. Somaiya Institute of Technology, Sion, Mumbai from July 2022- present.

➤ Worked as Assistant Professor at Datta Meghe College of Engineering, Airoli, NaviMumbai from January 2005 to 15th July 2022.

➤ Worked as Lecturer at Datta Meghe College of Engineering, Airoli, NaviMumbai from October 2002 till January 2005.

Journal Publications:

➤ 2024, " Recyclerite – An Intelligent E-Waste Detector"; Dr. Shreya Patankar, Vritika Deodhar , Riddhi Bhogaonkar , Harshal Dhabale; *African Journal of Biological Sciences*"; **Scopus Indexed Journal Quartile Q4**; Volume 6, Issue Si3, June 2024; ISSN: 2663-2187; doi.org/10.33472/AFJBS.6.Si3.2024.909-930

➤ 2023, "Exploring the Intricacies of Sandhi in Sanskrit: Phonological Rules And Linguistic Significance", Dr. Madhura Phadke, Dr. Shreya Patankar; *International Journal of Applied Engineering & Technology*, **Scopus Indexed Journal**, ISSN: 2633-4828 Vol. 5 No. S1, (Jan - Feb 2023)

➤ 2023, " Semantic Cloud: A Language Repository using word sense embedding", Dr. Shreya Patankar, Dr. Madhura Phadke; *Science, Technology and Development Journal*, **UGC care Group II Journal**, ISSN: 0950-0707, DOI:23.18001.STD.2023.V12I05.23.37532

➤ 2023, "Insights for Social Data Analytics approach", Dr. Madhura Phadke, Dr. Shreya Patankar, NOVYI MIR Research Journal, **Web of Science indexed** UGC care group II Journal, Vol 8, Issue 5, May 2023. pp 830-834 DOI: 16.10098.NMRJ.2022.V8I5.256342.37628

➤ 2022, "Wiki Sense bag creation using Multilingual word sense disambiguation", *International Journal of Artificial Intelligence* (**Scopus Indexed Journal- Quartile Q2**), Volume 11, No. 01, March 2022.

➤ 2022, "Word sense disambiguation", International Research Journal of Modernization in Engineering Technology and Science (Peer-Reviewed, Open Access, Fully Refereed International Journal), Volume:04/Issue:07/July-2022 Impact Factor- 6.752, pp 3125-3128

➤ 2021, "Analyzing word sense disambiguation for Swedish language", *International Journal of Application or Innovation in Engineering and Management*, Vol 10, Issue 09.

Book Published:

➤ Title: Artificial Intelligence and Machine Learning in Health care

➤ Authors: Dr. Shreya Patankar, Dr. Madhura Phadke

➤ Edition: First 2023

➤ Publisher: AIPublications

➤ ISBN: 978-93-5762-984-3

Patent Details:

➤ Title: Wearable Health Monitoring Device

➤ Design number: 6309616

➤ Grant date: 04 December 2023

➤ Registration date: 11 September 2023

NPTEL Exam:

➤ Software Testing , 4 weeks course, July-Aug 2023

➤ Fundamental Algorithms: Design and Analysis, 4 Weeks Course, Jan-Feb 2023

➤ Natural Language Processing, 12 weeks course, Jul-Oct 2022

Activities Conducted in the department:

➢ Organized and coordinated Placement Webinar on "Strategic Readiness: A guide to aligning yourself with Company requirements" by Mr. Abhishek Aswar, Senior Software Engineer, CITI, Mumbai on 02nd February 2024.

➢ Organized and coordinated Startup event under NISP for the Academic year 2023-24

➢ Organized and conducted Activity Program on "Environment and Sustainability" by Mr. Amol Limaye, Founder of Eco Shoppe, on 9th March 2023

➢ Organized and Coordinated four events Under NISP for the Academic year 2022-23

➢ Organized and Conducted Workshop on "Mind over Mat" on 21st June 2023

➢ Organized and Co-coordinated Faculty Development Program on "Quantum Computing" on Dec 17-22, 2022

➢ **Conference Publications:**

➢ 2024, "Study of Automated E-waste Classification Techniques"; "Dr. Shreya Patankar, Vritika Deodhar , Riddhi Bhogaonkar , Harshal Dhabale; 4th International Conference on Artificial Intelligence and Smart Energy(ICAIS 2024), JCT College of Engineering and Technology, Coimbatore. India; 22-23 March 2024; **Proceedings in Springer**

➢ 2024, "A Survey of Deep Reinforcement Learning in Game Playing"; Dr. Shreya Patankar, Charutosh Usakoyal, Pruthviraj Patil, Kaustubh Raut; *International Conference MITADTSoSiCON technically sponsored by* **IEEE Pune Section**, **IEEE Computer Society;** MIT Art Design and Technology University, Pune; 2-27 April 2024.

➢ 2023, "AutoML - Learning, Understanding and Applying Machine Learning to Datasets", Dr. Shreya Patankar; Hitesh Prajapati; Jeet Shah; Ankit Upadhyay, 2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS), **IEEE** 17-18 March 2023. 10.1109/ICACCS57279.2023.10113008

➢ 2023, "A Review On Blockchain Based Supply Chain Systems", Jay Munjapara; Harsh Sawant; Nimish Patil; Shreya Patankar, 9th International Conference on Advanced Computing and Communication Systems (ICACCS), **IEEE** 17-18 March 2023. 10.1109/ICACCS57279.2023.10112708

➢ Paper titled " Multilingual approach to word sense disambiguation using word2Vev and sense embedding with semantic cloud", presented at *5th International Next Generation Computing Technologies(NGCT-2019),* 20-21 December 2019, School of Computer science, UPES, Dehradun. **Featured in SSRN digital library top 10 downloaded papers.**

➢ Paper titled "An Innovative open framework for multilingual translation with ambiguity resolution", presented at *Seventh International Conference on Advances in Computing, Communications*

and Informatics, September 19-22, 2018, PES Institute of technology, Bangalore South campus, Bangalore, India. *IEEE*.

➢ Paper titled "Issues in resolving word sense disambiguation for multilingual translation framework", presented at *International Conference on Intelligent Computing and Control Systems (ICICCS),* June 2017, Vaigai college of Engineering, Madurai, India. **IEEE**.

➢ Paper titled " Document Frogery detection using CNN" in International Journal of Scientific Research in Engineering and Management, May 2021, Volume 5, Issue 5

➢ Paper titled "Fake news detection using Machine Learning" in International Journal of Advanced Research in computer and communication Engineering, May 2021, Volume 10, Issue 5.

➢ Paper titled "Tourism simplified through Voice" in International Journal for Science and Advanced Research in Technology, May 2021, Volume 7, Issue 5.

➢ Paper titled "House price prediction forecasting and recommendation system using Machine Learning" in International Research Journal of Engineering and Technology, May 2020, Volume 7, Issue 5.

➢ Paper titled "Blood Donation Management System" in International Research Journal of Engineering and Technology, April 2020, Volume 7, Issue 4.

➢ Paper titled "Translation of Weather Information and disease detection" presented at International Conference on Advanced trends in Engineering held on 4-5 April 2019 at Datta Meghe COE, Airoli.

➢ Paper titled "Interactive interview Chatbot" in International Research Journal of Engineering and Technology, April 2019, Volume6, Issue 4.

➢ Paper titled "Real time tracking Office Management System" in International Research Journal of Engineering and Technology, March 2019, Volume 6, Issue 3.

➢ Paper titled "Sentiment Analysis" presented at International Conference on Advanced trends in Engineering held on 7-8th April, 2017 at Datta Meghe COE, Airoli.

➢ Paper titled "Smart Motorman" presented at International Conference on Advanced trends in Engineering held on 7-8th April, 2017 at Datta Meghe COE, Airoli.

➢ Paper titled "Pi-Andro Door Automation System" presented at National Conference on Advanced trends in Engineering held on 12-13 March 2016 at Datta Meghe COE, Airoli.

➢ Paper titled "Online Parking system" presented at National Conference on Advanced trends in Engineering held on 12-13 March 2016 at Datta Meghe COE, Airoli.

➢ Paper titled "Session based Password Authentication System" presented at National Conference on Advanced trends in Engineering held on 12-13 March 2016 at Datta Meghe COE, Airoli. **The paper was awarded as one of the Best papers of the conference. It also appeared in Indian Journal of Technical Education.**

➢ Paper titled "Mobile Agent System Analysis" presented At National Conference on "Computing, Communication and Electronica" held on 8-9th Feb 2008 at Jalgaon.

➢ Paper Titled "Storage Area Network: Analysis, replication and Security" presented at National Conference on "Emerging trends in computer, communication and Networking" held on 21-22 Feb, 2008 at Tamilnadu.

➢ Paper titled "Analysis of Distributed detection system using mobile agents" presented at International Conference on Emerging trends in Engineering and Technology held in July 2008.

➢ Paper titled " Histogram feature analysis and zonal moments based handwritten Marathi Barakhadi recognition" presented at International conference and workshop on Emerging trends in Technology held on 24-25 Feb 2012 at Kandivli, Mumbai

➢ Paper titled "Zonal moments based Handwritten Marathi Barakhadi recognition" in International Journal of Engineering Research and Technology, Aug 2012, Volume 1, Issue 6.

➢ Paper titled "Mobile agents for Distributed IDS" presented at International Conference on Emerging trends in computing, Electronics and embedded systems and VLSI design" held on 20-21 March 2008 at Ahmednagar.

➢ Various Faculty development programs attended including **Universal human values FDP**.

Projects Guided:

REDX – AI CLUB: AutoML Project.
At UG level: more than 60

Responsibilities handled:

➢ Department coordinator for NISP

➢ Training and Placement Coordinator from the department

➢ Handled responsibilities of Class incharge and Mini Project Cordinator

➢ Exam Incharge for CBGS/CBCGS examinations, Department coordinator for NAAC and handling the result related work.

➢ Set the syllabus for Second year subject skill based lab course for R-2019 scheme.

➢ Incharge of SC/ST committee from last 5 Years.

➢ Worked as Organizing Committee member for three days workshop on "Data Science using R" on 14-16 January 2016 at Datta Meghe COE, Airoli.

➢ Worked as department ISO Incharge for 7 years.

➢ Appointed as Joint Chief Conductor for conducting University Semester Exam.

Personal details:

➢ Nationality: Indian

- Religion: Hindu
- Date of Birth: 23-08-1979
- Gender: Female
- Category: Scheduled Caste
- Languages: Marathi, Hindi and English
- Permanent Address/; 3/6, Prabhadevi Gurudeo CHS, Eknath Hatiskar marg, Prabhadevi, Mumbai 400025.

I declare that the above information is true to the best of my knowledge and belief.

Dr. Shreya Patankar