

Mrs. Gayatri G. Raut

Flat no. 5, Ananddeep Society Patil

Lane No. 2, Colelge Road Nashik-

422005 **Mobile:** 9960126502**E-mail:** gayatri.raut@matoshri.edu.in**Professional Objective:**

To secure a challenging position where I can effectively contribute my skills as Assistant Professor, possessing competent Technical Skills.

Academic Details:

- Master of Computer Engineering from Sinhgad Institute of Technology, Lonavala under Savitribai Phule Pune University, Pune
- Bachelor of Information Technology from Government College of Engineering Aurangabad under Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

Employment Details:

Teaching Experience	16.3 Years
Current Designation	Assistant Professor (Department of Information Technology)
Name of Employer	Matoshri College of Engineering and Research Centre, Nashik.
Date of Joining: (Current institute)	2 nd May 2025
Earlier Employment Record	<ul style="list-style-type: none"> ➤ 9 Years of teaching experience as Assistant Professor in Department of MCA Engineering at GES's R. H. Sapat College of Engineering Management Studies & Research, Nashik from 1st June 2016 to 30th April 2015. ➤ 2 Years of teaching experience as Assistant Professor in Department of Information Technology at Guru Nanak Institute of Engineering & Technology, Nagpur from June 2014 to May 2016. ➤ 1 Year of teaching experience as Assistant Professor in Department of Computer Engineering at ITM College of Engineering, Kamptee, Nagpur from 1st July 2013 to 30th April 2014. ➤ 3 Years of teaching experience as Lecturer in Department of Information Technology at Nutan Maharashtra Institute of Engineering & Technology, Talegaon -Dabhade, Pune ➤ 1 Year of teaching experience as Trainer at St. Joseph Institute of Information Technology, Hadapsar, Pune
Publications	<ul style="list-style-type: none"> • Published paper "Enhancing Healthcare with Early Heart Disease Prediction" in GRENZE International Journal of Engineering and Technology, June Issue 2024 • Published paper "Retrieval Augmentation :a promising solution for Enhancing Chatbot Performance" , in International Journal of Scientific Research in Engineering and Management. June Issue 2024. • Published paper in International Journal of Advanced Research in Science, Communication and Technology -2023 • Published paper in International Journal of Scientific Research in Engineering and Management-2023 • Published paper " Technique for detection of cooperative black hole

	<p>attack using true-link in Mobile Ad-hoc Networks"at 37th International Convention on Information and Communication Technology, Electronics and Microelectronics-Mipro 2014, Opatija ,Croatia.</p> <ul style="list-style-type: none"> • Published paper "A survey - Detection of Cooperative Black hole attack in MANET" at International Conference on Advances Engineering and Technology-2014, Nagpur, India. • Published paper " Technique for Detection of Cooperative Black Hole Attack in Mobile Ad-hoc Networks-Survey "at IEEE International Conference on Computational Intelligence and Computing Research-2014, Coimbatore, India. 2014 • Published paper "Technique for detection of cooperative black hole attack in MANET" 2013 Fourth International Conference on Computing, Communications and Networking Technologies (ICCCNT) 2014. • Published paper at International Conference on Advances in Engineering and Technology ICAET-2014, Roorkee, India.
Attended & Coordinated workshop/training/ Conferences/Seminars/ STTP:	<ul style="list-style-type: none"> • Completed code without barriers training demonstrating proficiency in Ai Concepts,Azure Ai services,Ethical AI practicesand Integrated Copilot into Microsoft 365for auomation and collaboration. • Completed One Week Online Faculty Development Program on "Generative AI and its Multidomain Use Cases" at VIT Pune from Jan 2024 to 19th Jan 2024. • Completed Five Days Online FDP on Cognitive Computing for Smart Application organized by Department of Artificial Intelligence and Data Science, Vishwakarma Institute of Information Technology, from18th March August, 2024 to 22th August, 2024. • Completed One week FDOP on "Next Generation Artificial Intelligence" at VIIT Pune from 11 march 2024 to 16 march 2024 • Five Days Online FDP on Fundamentals of DevOps organized by Department of Information Technology, Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune in association with The Institution of Engineers (India), Pune Local Centre held from 23rd August, 2022 to 27th August, 2022. • AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Cyber Security & Digital Forensics"from 06/12/2021 to 10/12/2021 at Indian Institute of Information Technology Pune. • One week FDP on Java Programming organized by Zeal COE&R Pune in April 2020 • One week FDP on Java Business Applications organized by RMD Sinhagad School of Engineering Pune in April 2020 • 3 Weeks WhatsApp Outcome Based Education Faculty Development Program in May 2020 • One week FDP on Python Programming organized by Rajashri shahu COE Thathwade Pune in May 2020. • One Week FDP on Research Methodology and Tools organized by Sandeep Institute of Technology and Research Nashik in June 2020. • One Week FDP On Php and Mysql organized by Sir VIT Nashik in June 2020 • 5 Days Workshop on Data Science using Python organized by 360DGiTMG, India in June 2020 • One Week FDP on R for beginners organized by Sipna COE&T Amaravati 2020 • 3 DAYS Workshop on Netsim at VIT Pune from 2 June 2017 to 4 June 2017

	<ul style="list-style-type: none"> • 10 days STTP on NS2 at SKNCOE, Vadgaon, Pune in May 2013.
MOOC/ AICTE FDPs/ Certificate Courses	
	<ul style="list-style-type: none"> • Completed 12 week NPTEL certification on Java Programming in May 2025 (Elite) • Completed Skill Dezire certification on " Full stack developer" 2025 • Completed 12 week NPTEL certification on cloud computing in Nov 2022.(Elite) • Attended GUJCOST and DST sponsored 5 days online STTP on Recent Trends in Information Security and Privacy from 25 Oct 2021 to 29 Oct 2021 • Completed 12 week NPTEL certification on computer Network and Internet Protocol in June 2021 • Completed 12 week NPTEL certification on Java Programming in Nov 2020 (Elite)
Book Chapter Published	Published book chapter on Deep learning and Edge Computing with HPC 2024
Patent	Patent registered on the application of such design to 3-D PROJECTION DEVICE FOR DISPLAYING ARTIFACTS in the name of 1.Dr. Prabha Shreeraj Nair 2. Vijaya Kamble 3.Roshni Bhav 4.Gayatri Gaurav Raut 5.Aditee Mattoo 6.Mayank Deep Khare 7.Megha Gupta 8.Rahul Kumar Sharma 9.Aditya Narayan Singh 10.Mrs. Renuka Sharma 11.Dr. Vivek Kumar