Profile of Mr. Bhosale Gaurav Shivaji



Name	: Mr. Bhosale Gaurav Shivaji
AICTE Id	:
Department	: Artificial Intelligence and Machine Learning
Designation	: Assistant Professor
Highest Qualification	: M Tech
Date of Birth	: 02/10/1998
Email-id: (official)	: gurubhosale000@gmail.com
Total Experience	:
Experience at this college	:
Date of Joining	: JUL/2026

About Faculty :	I am Gaurav Bhosale, an Assistant Professor in the Department of Artificial Intelligence and Machine Learning at Walchand College of Engineering (WCE), Sangli. I hold a Master of Technology (M.Tech) in Data Science from Walchand College of Engineering and a Bachelor of Technology (B.Tech) in Information Technology. Driven by a passion for bridging academic theory with production-grade engineering, I bring hands-on industry experience across full-stack development, cloud infrastructure, and DevOps automation. As a Full Stack & DevOps Developer Intern, I engineered secure, microservices-driven application features, optimized relational database architectures, and built automated GitOps pipelines using Docker, Kubernetes, and GCP. Furthermore, my entrepreneurial background founding and managing a tech-driven home delivery enterprise sharpened my expertise in operational workflows, inventory optimization, and demand forecasting using historical data analytics. My primary technical expertise encompasses Machine Learning, Deep Learning, Full-Stack Web Architecture (React, FastAPI, Streamlit, Tailwind), Cloud Computing (GCP), and modern DevOps tools (Kubernetes, Docker, GitLab CI/CD). My research contributions include published work on financial predictive modeling and stock market analytics leveraging Machine Learning and Deep Learning architectures. In my academic role, I am committed to fostering research excellence, curriculum innovation, and active mentorship. I heavily engage in guiding student teams through Project-Based Learning (PBL) initiatives—focusing on combinatorial optimization, real-time dispatch systems, graph search algorithms, and cloud-native application deployments. My core objective is to cultivate an industry-aligned learning environment that empowers students to convert complex algorithmic concepts into robust, scalable software solutions.
Qualification :	**Post Graduate Degree** : M Tech,Data science,Shivaji University Kolhapur **Degree** : B Tech,Information Technology,Lovely Professional University
Areas of Specialization :	Computer Science Artificial Intelligence
Personal Website :	https://github.com/gauravshivaji
Research Identity :	**Google Scholar ID :** TwUjSuwAAAAJ **Orcid ID :** 0009-0007-2267-6895
Publications :	**Paper Published/Presented :**

	1. "Stock Market Prediction Techniques Using Machine Learning and Deep Learning", Journal of Harbin Engineering University, Institute Level, PP. 6, VOL. , 2025
Courses Handled/List :	**1.** Machine Learning and Deep Learning **2.** Python Programming and Data Science **3.** Data Structures & Algorithms **4.** Full-Stack Web Technologies **5.** OOP With C++ **6.** Expert System
Additional Responsibilities :	APNI LEAP mini project coordinator, Faculty Activities Coordinator, Infrastucture & Laboratory Coordinator, Mentoring PBL (Project-Based Learning) student groups in AI/ML optimization and dynamic routing projects, guiding research initiatives, overseeing cloud and software lab environments, and assisting in departmental academic activities.
Area of Expertise :	**1.** Subject :- Engineering And Technology, Expertise :- Computer Science Artificial Intelligence
Other Information :	