Profile of Mr. Nadaf Sahil Sikandar



Name	: Mr. Nadaf Sahil Sikandar
AICTE Id	:
Department	: Artificial Intelligence and Machine Learning
Designation	: Assistant Professor
Highest Qualification	: M Tech
Date of Birth	: 02/10/2002
Email-id: (official)	: sahilsnadaf2@gmail.com
Total Experience	:
Experience at this college	:
Date of Joining	: JUL/2026

About Faculty :	I am Sahil Nadaf, an Assistant Professor in the Department of Artificial Intelligence and Machine Learning at Walchand College of Engineering (WCE), Sangli. I hold an M.Tech in Data Science and have a strong interest in Artificial Intelligence, Machine Learning, Data Analytics, and Explainable AI. I am passionate about teaching, research, and developing innovative AI-driven solutions while making complex concepts easy to understand. I bring 2 years of industry experience, including 1 year of professional industry experience and 1 year of freelancing, where I worked on data analytics, machine learning, and AI-based solutions across real-world projects. This practical experience enables me to bridge theoretical concepts with industry applications in the classroom. My research interests include Retrieval-Augmented Generation (RAG), Explainable AI (XAI), Natural Language Processing (NLP), Generative AI, Deep Learning, Responsible AI, and Business Intelligence. I have authored research publications in AI and Data Science and hold two design patents and two copyrights, reflecting my commitment to innovation and academic research. My technical expertise includes Artificial Intelligence, Machine Learning, Deep Learning, Generative AI, Explainable AI (XAI), Retrieval-Augmented Generation (RAG), Natural Language Processing (NLP), Computer Vision, Python Programming, Data Science, and AI-driven Solution Development. I am committed to continuous learning, academic excellence, and mentoring students by bridging theoretical knowledge with practical, real-world applications.
Qualification :	**Post Graduate Degree** : M Tech,Data Sciences,Shivaji University Kolhapur **Degree** : B Tech,Artificial Intelligence and Data Sciences,Dr Babasaheb Ambedkar Technological University
Areas of Specialization :	Computer Science Artificial IntelligenceComputer Science Information SystemsComputer Science Software EngineeringCyber Security
Personal Website :	
Research Identity :	**Google Scholar ID :** WN5qSO4AAAAJ&h **Orcid ID :** 0009-0007-6104-4110 **Scopus ID :** 60525521600
Publications :	**Paper Published/Presented :**

	1. "Financial Intelligence: The Growing Influence of AI in the Finance Industry", Harbine Engineering Journal, International Journals, PP. , VOL. , 2025 **2.** "Cognitive RAG: Emotionally Intelligent Chatbot with Retrieval and Feedback Adaptation", ICFT, International Level, PP. , VOL. , 2026 **3.** "Explain-RAG: An Explainable RAG Framework with Chain-of-Thought Reasoning, NLI Verification, and Source Attribution", ICONAT, International Level, PP. , VOL. , 2026
Patents :	**1.** REMOTE CONTROLLER FOR MACHINING OPERATION, , NATIONAL, 490527-001 **2.** AI-BASED WEARABLE PERSONAL HEALTH MONITORING DEVICE, , NATIONAL, LD-36075/2025-CO **3.** AI-BASED WEARABLE PERSONAL HEALTH MONITORING DEVICE, , NATIONAL, 471242-001 **4.** REMOTE CONTROLLER FOR MACHINING OPERATION, , NATIONAL, LD-7295/2026-CO
Courses Handled/List :	**1.** Deep Learning and Gen AI **2.** Data Science and Analytics **3.** OOP with C++
Area of Expertise :	**1.** Subject :- Engineering And Technology, Expertise :- Computer Science Artificial Intelligence, Computer Science Information Systems, Computer Science Software Engineering, Cyber Security
Other Information :	