

Annasaheb Dange College of Engineering and Technology, Ashta
Faculty Profile (Detailed)

Name of the Teaching Staff	:	Ms. Vaishali Gorakh Waghmode	
Designation	:	Assistant Professor	
Parent Department	:	Computer Science and Engineering [Internet of Things and Cybersecurity including Blockchain Technology]	
Date of Birth	:	23/08/1996	
Date of Joining the Institution	:	25/07/2024	
Email ID	:	vgw_iot@adcet.in	
Contact Number	:	8788172378	
Address	:	Sanr Guruji Housing Society ,Sphurti Chowk,Vishrambag Sangli	
Google Scholar Link	:	https://scholar.google.co.in/citations?user=bZYpEokAAAAJ	
Scopus Link	:	-	
Web of Science Link	:	-	
ORCiD Link	:	https://orcid.org/0009-0003-4206-159X	
Vidwan Link	:	https://vidwan.inflibnet.ac.in/profile/581864	
ResearchGate Link:	:	-	

Qualifications with Class / Grade	:	<table><tr><th>Academic Credentials</th><th>Duration</th><th>University/Board</th><th>Marks</th><th>Grade</th></tr><tr><td>Ph.D</td><td>Pursuing</td><td>Shivaji University, Kolhapur</td><td>-</td><td>-</td></tr><tr><td>MTech</td><td>2Years</td><td>Shivaji University, Kolhapur</td><td>2023</td><td>FCD</td></tr><tr><td>BE</td><td>3Years</td><td>Shivaji University, Kolhapur</td><td>2018</td><td>FCD</td></tr><tr><td>Diploma</td><td>3Years</td><td>MSBTE</td><td>2025</td><td>FCD</td></tr><tr><td>SSC</td><td>1Year</td><td>State Board</td><td>2012</td><td>FCD</td></tr></table>	Academic Credentials	Duration	University/Board	Marks	Grade	Ph.D	Pursuing	Shivaji University, Kolhapur	-	-	MTech	2Years	Shivaji University, Kolhapur	2023	FCD	BE	3Years	Shivaji University, Kolhapur	2018	FCD	Diploma	3Years	MSBTE	2025	FCD	SSC	1Year	State Board	2012	FCD
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Papers Published in Journals	:	1] Vaishali G. Waghmode, Dr. Manasi M. Patil, Dr. Amrita A. Aagashe “Development Of IoT Based Support System for Epilepsy and Paralyzed Patient” Journal of Electronics Information Technology Science and Management. PAGE NO: 9-20 (ISSN:0258-7982), May2023 [2] Vaishali G. Waghmode, Bluetooth Controlled Robotic Car Using Arduino", International Journal of Emerging Technologies and Innovative Research (www.jetir.org UGC and issn Approved), ISSN:2349-5162, Vol.10, Issue 8, page no. ppg621-g625, August-2023 [3] Vaishali G. Waghmode, Dr. S. D. Ruikar, Dr M. M. Patil, "IOT Based Epilepsy and Paralyzed Patient Support System", Gradiva Review Journal, Page No: 129-138 (ISSN No: 0363-8057)																														

		[4]] Vaishali G. Waghmode ,Web based Intelligent Temperature Monitoring System ,Journal of Emerging Technologies and Innovative Research, Page No:731-744 (ISSN No: 2349-5162) August-2023 [5] Vaishali G. Waghmode ,IOT Based Paralyzed Patient Support System, International Journal of Research and Analytical Reviews Page No:150-154 (E-ISSN 2348-1269, P- ISSN 2349-5138) August-2023 [6] Vaishali G. Waghmode, Wireless Notice Board Using Arduino Gradiva Review Journal PAGE NO: 524-530 (ISSN No: 0363-8057) [7]] Vaishali G. Waghmode, Automatic Water Tap Controller, Journal of Emerging Technologies and Innovative Research, Page No:150-154 (ISSN No: 2349-5162), June-2024 [8] Vaishali G. Waghmode, Password Based Locking System 'Journal of Electronics Information Technology Science and Management. (ISSN:0258-7982) June-2024 [9] Madhuri Joseph Siddharapu,Vaishali G Waghmode “A Machine Learning Approach to Object Detection for Free Path Navigation” Grenze International Journal of Engineering and Technology, June Issue-2025 [10] Tahseen Mulla, Vaishali Waghmode, Gourav Lande , Aditya Pavekar, Prathamesh Kare and Shubham Khade “An Intelligent ML-Based Communication System for the Deaf Using Video and Vibration Feedback” June Issue-2025
Papers Presented in Conferences	:	1]"Blockchain-Based Security Mechanism for Vehicle-to-Everything (V2X) Communication," V. G. Waghmode, M. J. Siddharapu, A. R. Patil and M. J. Salunkhe, <i>2025 IEEE International Conference on Blockchain and Distributed Systems Security (ICBDS)</i> , Kolhapur, India, 2025, pp. 1-5, doi: 10.1109/ICBDS67396.2025.11376648.
Area of Specialisation	:	Embedded System,Digital Electronics,Blockchain
Title of PhD Thesis	:	Deep Learning-Based Analysis of EEG Signals to Assess the Impact of Radiofrequency (RF) Radiation on Human Brain Activity
Name of PhD Supervisor	:	Dr. Maheshkumar S Chavan

PhD Guide? Give field & University.	:	
PhDs / Projects Guided	:	
Books Published / Book Chapters/ IPRs / Patents	:	UK Design Patent Filed and Granted on “Modular IoT-controlled lighting system for Energy Efficient Smart Homes and Offices.” Design Number:6416127 Indian “Intelligent Image based waste Segregation system using advance machine learning techniques” Design Number:202521039777A UK Design Patent Filed and Granted on “Children’s Interactive Learning Toy with Tactile button Array Configuration.” Design Number:6526853 Design Patent filed for a product titled “Intelligent Vision based IoT Inspection Instrument with Adaptive Display” Application No. 499508-001
Professional Memberships	:	[1] ISTE/Member/LM144868 [2] IAECT/Member/I2OR/2025/IAECET/021 [3] IAENG/Member/502328 [4] IAEPT/Member
Interaction with Professional Institutions	:	-
STTP/ FDP/ Workshops Organized	:	One week online FDP on Advance in Internet of Things

Summer/Winter Schools, STTP/FDP /Workshop Attended	:	[1]Outcome Based Education & Accreditation" organized by Walchand College of Engineering, Sangli from 2nd January to 6th January, 2026(Offline) [2]Artificial Intelligence and Machine Learning: India's Path to AI Vishwa Guru, ADCET, Ashta, One Week 7 July. 2025 to 11 July, 2025 [3]One Week Online FDP on "Universal Human Values and Ethics in NEP-2020"organized by Dr J.J. Magdum College of Engineering ,Jaysingpue with UHV Team AICTE from 21st Nov to 27 Nov 2025 [4]One Week Online FDP "Blockchain and its Application" Organized by BSIET, Kolhapur from 13 Oct to 18 OCT 2025 [5]Faculty Development Program on Awarded To Data Analytics Using Power BI Organized by the Atria Institute of Technology (AIT), Autonomous
NPTEL Course/ MOOC	:	Fundamental of Machin learning and Deep learning Accreditation and Outcome Based Learning Blockchain and its application
Additional responsibilities held at the Institute Level	:	Department Coordinator for Discovery event
Additional responsibilities held at the Departmental Level	:	Load Distribution and Timetable In-charge Weak-Bright Identification and Remedial Classes Coordinator Content Beyond Syllabus Bridge Courses Coordinator Competitive Exam Coordinator
Subjects Taught	:	Java Programming Blockchain Security and Performance Introduction to IOT Innovation /Prototype Industry 4.0 Microcontroller Blockchain Platform and Use Cases Blockchain Revolution Specialization Element of Electronics Mechatronics
Special Achievement	:	1% Topper in NPTEL Course

Name and Sign