

# Profile of Dr. Chimanna Amruta Mohan

	<p><b>Name</b> : Dr. Chimanna Amruta Mohan</p> <p><b>AICTE Id</b> :</p> <p><b>Department</b> : Department of Computer Science &amp; Engineering (HE)</p> <p><b>Designation</b> : Assistant Professor</p> <p><b>Highest Qualification</b> : PhD</p> <p><b>Date of Birth</b> : 27/12/1987</p> <p><b>Email-id: (official)</b> : amruta.umrani@walchandsangli.ac.in</p> <p><b>Total Experience</b> : 6 Yrs 6 Months</p> <p><b>Experience at this college</b> : 1 Yrs 7 Months</p> <p><b>Date of Joining</b> : JUL/2024</p>
<p><b>About Faculty :</b></p>	<p>My self Dr Amruta Mohan Chimanna(Umrani), an accomplished Assistant Professor in the Department of Computer Science and Engineering at Walchand College of Engineering, Sangli, with over 15 years of teaching experience in different technical organization including 6 Year in Walchand College of Engineering, Sangli. Currently completed a Ph.D. in Computer Science and Engineering at VIT Bhopal, I hold an M.Tech in CSE and a B.E. in Information Technology from Shivaji University,Kolhapur. My expertise area spans computer programming, human-computer interaction, and Machine learning, supported by certifications in these areas. Recognized with the "Best Teacher Award," in 2018 from Sharad Institute of Technology,Yadrav. I have actively contributed to research through publications in SCI and Scopus-indexed journals, patent applications, and guiding innovative student projects. I am a proactive educator involved in curriculum development, workshop organization, and professional development initiatives.</p>
<p><b>Qualification :</b></p>	<p><b>Phd</b> : PhD,Computer Science and Engineering,Vit University Tamilnadu</p>
<p><b>Areas of Specialization :</b></p>	<p>Computer Science Artificial Intelligence</p>
<p><b>Personal Website :</b></p>	
<p><b>Research Identity :</b></p>	<p><b>Google Scholar ID</b> : <a href="https://scholar.google.com/citations?user=tDbJWg4AAA">citations?user=tDbJWg4AAA</a></p> <p><b>Orcid ID</b> : <a href="https://orcid.org/0000-0001-7769-9962">0000-0001-7769-9962</a></p> <p><b>Scopus ID</b> : <a href="https://scopus.com/authorid/59407150200">authorId=59407150200</a></p> <p><b>Vidwan ID</b> : <a href="https://www.vidwan.in/profile/139872">139872</a></p>
<p><b>Previous Experience :</b></p>	<p><b>1. Organization Name</b> :- Walchand College Of Engineering, <b>Designation</b> :- Assistant Professor, <b>Nature of Work</b> :- Teach Technical, <b>Work Tenure</b> :- 16/08/2019 To 06/07/2024</p>
<p><b>Publications :</b></p>	<p><b>Paper Published/Presented :</b></p> <ol style="list-style-type: none"> <li>1. "Hybrid feature-based anxiety detection in autism using hybrid optimization tuned artificial neural network", Elsevier, International Journals, PP. , VOL. , 2022</li> <li>2. "Efficient classification model for anxiety detection in autism using intelligent search optimization based on Deep CNN", Springer, International Journals, PP. 62607-62636, VOL. 83, 2024</li> <li>3. "Enhancing Sentiment Analysis Accuracy in Restaurant Reviews: A Comprehensive Machine Learning Approach", NCIET, National Level, PP. , VOL. , 2024</li> <li>4. "Decentralized Disk Renting System", Hinweis, International Level, PP. , VOL. , 2025</li> </ol>

<b>Patents :</b>	<ol style="list-style-type: none"> <li>1. Camera Based Solar Drone for Flora Identification System Employing Ensemble Machine Learning, , NATIONAL,</li> <li>2. Artificial Intelligence –enabled wearable healthcare device for remote diagnostics and monitoring Application, Walchand College of Engineering Sangli, NATIONAL,</li> </ol>
<b>Courses Handled/List :</b>	1.
<b>Additional Responsibilities :</b>	Value Added Course Co-ordinator,Mentorship co-ordinator
<b>Expert Lecture Conducted :</b>	<ol style="list-style-type: none"> <li>1. Oral, Organized By :- DKTE Engineering College,Ichalkaranji, Venue :- Ichalkaranji, Role Of Employee :- Subject Expert, Date :- 02/06/2025 To 03/06/2025</li> <li>2. External POE Java Programming, Organized By :- DKTE Engineering, Venue :- Ichalkaranji, Role Of Employee :- Subject Expert, Date :- 05/06/2025 To 06/06/2025</li> <li>3. Worked as External Examiner for M Tech Dissertation, Organized By :- DKTE Ichalkaranji, Venue :- Ichalkaranji, Role Of Employee :- Examiner, Date :- 10/07/2025 To 10/07/2025</li> <li>4. FDP Resource Person, Organized By :- Ashokrao Mane Group of Institutes, Venue :- Online, Role Of Employee :- Subject Expert, Date :- 02/01/2026 To 02/01/2026</li> <li>5. DAB Meeting Expert, Organized By :- AMGOI, Venue :- Vathar, Role Of Employee :- Subject Expert, Date :- 09/01/2026 To 09/01/2026</li> </ol>
<b>Area of Expertise :</b>	1. Subject :- Engineering And Technology, Expertise :- Computer Science Artificial Intelligence
<b>Other Information :</b>	<p><b>Achievements :</b></p> <ol style="list-style-type: none"> <li>1. Title of Thesis: Design of Anxiety Detection System for Autistic Patients using Hybrid optimization Tuned Artificial Neural Network.</li> <li>2. Course Name - Human-Computer Interaction</li> <li>3. Completed six days ATAL FDP on Quantum Computing : Fundamentals and Future Directions.</li> </ol> <p><b>Membership of Professional Societies/Bodies :</b></p> <ol style="list-style-type: none"> <li>1. Indian Society for Technical Education (ISTE)</li> </ol>