


<b>Name of Teaching Staff</b>	:	Sudhir Sadashiv Dhekane	
<b>Designation</b>	:	Assistant Professor	
<b>Department</b>	:	Artificial Intelligence & Data Science	
<b>Date of Joining the Institution</b>	:	10-01-2023	
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<b>Google Scholar Link:</b>		<a href="https://scholar.google.com/citations?user=zUTA1n0AAAAJ&amp;hl=en">https://scholar.google.com/citations?user=zUTA1n0AAAAJ&amp;hl=en</a>	
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<b>ORCID</b>		<a href="https://orcid.org/0000-0002-9822-1826">https://orcid.org/0000-0002-9822-1826</a>	
<b>Publons Researcher ID:</b>			
<b>Qualifications with Class / Grade</b>	:	<p>Ph. D Computer (Pursuing) Mumbai University</p> <p>M. E (Computer Engineering), CGPI: 9.3 Class: Excellent Mumbai University. Sept. 2014.</p> <p>B. E (Computer Science &amp; Engineering), Percentage: 67.79% (First Class with Distinction) Shivaji University Kolhapur. May 2008</p>	
<b>Total Experience in Years</b>	:	<b>Teaching:</b> 16 years, 5 Months till May 2025	
<b>Papers Published in Journal:</b>	:	<ol style="list-style-type: none"> <li>1. "Scope in Enhancement of Brain Computer Interface by EEG Data Classification to Test Major Depressive Disorder Stages (MDDS)" GRENZE International Journal of Engineering &amp; Technology GIJET, Grenze ID: 01.GIJET.11.1.91_1 © Grenze Scientific Society, 2025.</li> <li>2. "Enhancing Mental Health Disorder Detection: A Hybrid Classifier System Using Soft Voting and Ensemble Methods" IJFMR, Volume 7, Issue 1, January-February 2025, DOI: <a href="https://doi.org/g834mn">https://doi.org/g834mn</a>.</li> <li>3. "Leaf Spot Detection Using Neural Network" International Journal of Current Research Vol. 11, Issue, 04, pp.2768-2770, April, 2019 DOI: <a href="https://doi.org/10.24941/ijcr.35002.04.2019">https://doi.org/10.24941/ijcr.35002.04.2019</a></li> <li>4. "A Survey on Cross Site Scripting Attack Detection" International Journal of Advanced and Innovative Research, IJAIR/13/11/02/91, 2013 International Journal of Emerging Technology and Advanced Engineering Website: <a href="http://www.ijetae.com">www.ijetae.com</a> (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 4, Issue 4, April 2014) 1125</li> </ol>	

<b>Papers Presented in Conferences</b>	<p>5. XSS Detection in Web Request and Server Response Sudhir S. Dhekane<sup>1</sup>, Prof. V. B. Gaikwad<sup>2</sup> 1,2Computer dept, Terna Engineering College, Navi Mumbai, India</p> <ol style="list-style-type: none"> <li>1. "BotLand: Tailoring LLaMA Language Model for Customised Chat" Grenze ID: 01.GIJET.11.1.97, 2024</li> <li>2. " Misinformation Detection and Mitigation on Social Media Platforms using Machine Learning and Large, 2024.</li> <li>3. "Crop Recommendation, Yield Prediction and Soil Type Classification using Machine Learning", 1-6Dwarkadas J. Sanghvi College of Engineering/ Department of Artificial Intelligence (AI) and Data Science, Mumbai, India, Grenze ID: 01.GIJET.11.1.122© Grenze Scientific Society, 2025.</li> <li>4. Innovative Stress and Anxiety Relief Therapy Initiative: Evaluating the Effectiveness of Machine Learning and Deep Learning Techniques on EEG Data in SAARTHI Presented in International Conference on Advancements in Artificial Intelligence and Machine Learning for Security (ICAAIMLS-2024) December 20-21, 2024</li> <li>5. An Intelligent model for stock market prediction, 020 The 8th International Conference on Information, Communication and Networks (ICICN 2020)</li> <li>6. Voice-Based Form Filling System, International Conference on Humanities, Sciences &amp; Technical Education (IC-HSTE-2022)</li> <li>7. Making Assessment An Integral Part Of Teaching And Learning, International Conference on Humanities, Sciences &amp; Technical Education (IC-HSTE-2022)</li> </ol>
<b>Area of Specialization</b>	Brain Computer Interface, Data Structures & Algorithms, Artificial Intelligence, Data Science, Machine Learning etc.
<b>Professional Memberships</b>	:
<b>Subjects Taught</b>	<p><b><u>UG Level:</u></b>  Data Structures, Programming for Problem Solving, OOPS Using java, Design Thinking, Computer vision Data Ethics, Management Information Systems, Full Stack Web Development using Python, Python Programming, Python for Machine Learning, R Programming, Analysis of Algorithm, Artificial Intelligence, Intelligent systems, Web Technology, Computer Graphics, Distributed Systems etc.</p>

<b>Projects Guided</b>	<p>: <b>UG Level:</b></p> <ol style="list-style-type: none"> <li>1. Project Club, One Stop Solution For Project (IEDC Granted Project)</li> <li>2. Stock Market Prediction using ANN</li> <li>3. Stock Market Prediction using LSTM</li> <li>4. Decentralized Online Voting Application Using Blockchain</li> <li>5. Cross-Site scripting (XSS) Detection and Prevention</li> <li>6. Voice Based Form Filling System</li> <li>7. Automated KYC</li> <li>8. E-Abhyas</li> <li>9. Policy Mining(SIH Winner for 2k2022 @ Hyderabad)</li> <li>10. SynthGen: Enabling AI with No-Code Synthetic Data Tools</li> <li>11. Advanced HR Interview Simulation Platform</li> </ol> <p><b>Innovative Product Development:</b></p> <ol style="list-style-type: none"> <li>1. Video Summarization to Automate KYC</li> <li>2. DJ HUB</li> <li>3. Farmers Advisory Portal</li> <li>4. Speakboost AI Communi Tech</li> <li>5. Sleep Health &amp; Lifestyle Advisory</li> <li>6. Forgery Detection System For Documents</li> <li>7. Multilingual Form Assistant</li> <li>8. Terawise (sustainability recommendation)</li> </ol>				
<b>Recommended Students for Higher Education</b>	<table> <tr> <th data-bbox="488 958 967 999"><b><u>Name of the Student</u></b></th><th data-bbox="967 958 1497 999"><b><u>University/Industry</u></b></th></tr> <tr> <td data-bbox="488 999 967 1290"> <ol style="list-style-type: none"> <li>1. Vedant Pradhan</li> <li>2. Nirzaree Devsthale</li> <li>3. Achintya Shah</li> <li>4. <u>Shubham Godbole</u></li> <li>5. <u>Ishani B.</u></li> <li>6. <u>Saurin savala</u></li> <li>7. <u>Yukta Saraf</u></li> </ol> </td><td data-bbox="967 999 1497 1290"> <ol style="list-style-type: none"> <li>1. Northeastern University</li> <li>2. Rutgers University</li> <li>3. Purdue University</li> <li>4. Illinois University</li> <li>5. University of Florida</li> <li>6. Celmsom University</li> <li>7. University of North Carolina</li> </ol> </td></tr> </table>	<b><u>Name of the Student</u></b>	<b><u>University/Industry</u></b>	<ol style="list-style-type: none"> <li>1. Vedant Pradhan</li> <li>2. Nirzaree Devsthale</li> <li>3. Achintya Shah</li> <li>4. <u>Shubham Godbole</u></li> <li>5. <u>Ishani B.</u></li> <li>6. <u>Saurin savala</u></li> <li>7. <u>Yukta Saraf</u></li> </ol>	<ol style="list-style-type: none"> <li>1. Northeastern University</li> <li>2. Rutgers University</li> <li>3. Purdue University</li> <li>4. Illinois University</li> <li>5. University of Florida</li> <li>6. Celmsom University</li> <li>7. University of North Carolina</li> </ol>
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<b>Institute/Department Responsibility handled:</b>	<ol style="list-style-type: none"> <li>1. Program Advisory Committee Member</li> <li>2. Time Table Coordinator</li> <li>3. IPD Coordinator</li> <li>4. Project Coordinator</li> <li>5. Feedback Incharge</li> <li>6. Website Coordinator</li> <li>7. Class Incharge</li> <li>8. IT Infrastructure (Institute Level)</li> <li>9. NAAC (Criterial 2 at Institute Leve)</li> <li>10. NBA( Criterial 6 at Institute Level)</li> </ol>				