

**Ms. Trupti U. Ahirrao**

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**Professional Objective:**

To establish myself in the field of education, to utilize my skills and experience to help students to achieve high improvements in academics, vide which I could apply whole of my ability to prove the best in education industry and delivery the best performance.

**Academic Details:**

- Pursuing PhD in Computer Engineering from Sanjivani COE and Research, Kopargaon
- Master of Computer Engineering from Matoshri College of Engineering, Nashik
- Bachelor of Computer Engineering from North Maharashtra University .

**Employment Details:**

<b>Teaching Experience:</b>	<b>16+ Years</b>
<b>Current Designation</b>	Assistant Professor (Department of Computer Engineering)
<b>Name of Employer:</b>	Matoshri College of Engineering and Research Center, Nashik
<b>Date of Joining: (current institute)</b>	23 <sup>rd</sup> April 2025
<b>Earlier Employment Record</b>	<ul style="list-style-type: none"> <li>➤ Worked as an Assistant Professor in Gokhale Education Society's R. H. Sapat College of Engineering Nashik for 14+ yrs</li> <li>➤ Worked for 2 Years as a Lecturer in K.K. Wagh Polytechnic Nasik</li> <li>➤ 8 months with Reliable Software Solutions Pune as a Junior Developer.</li> </ul>
<b>Research Interest</b>	Image Processing, Machine Learning
<b>PhD Work Title</b>	"Integration of image processing, Machine Learning and IOT techniques to detect crop diseases detection in vertical Farming."
<b>Doctoral Advisor</b>	Dr. B. J. Dange, Associate Prof., Sanjivani COE and Research Centre, Kopargaon
<b>Awards:</b>	Recipient of "Best Teaching Staff Award-2023" from Gokhale Education Society, Nashik

<b>Association with Professional Societies (03)</b>	<ul style="list-style-type: none"> <li>Fellow member of the IAENG (International Association Of Engineers)</li> </ul>
<b>Contribution In Curriculum Development</b>	<p>Contribution in curriculum development at UG, PG Engineering in capacity of Committee Member.</p> <p>SPPU subject Chairman of Web Technologies –MCA 2019 Course</p> <p>SPPU subject Chairman of Advanced Web Technologies –MCA 2013 Course</p> <p>SPPU subject Chairman of Object Oriented Programming –MCA 2020 Course</p>
<b>Funded Research Projects:</b>	<ul style="list-style-type: none"> <li>Applied for SPPU ASPIRE Research Grant in April 2025</li> </ul>
<b>Invited Talks</b>	Expert Talk on Carrier Paths for UG aspirants
<b>MOOC/ AICTE FDPs/ Certificate Courses</b>	
<b>NPTEL</b>	Successfully completed NPTEL online certification- AICTE approved FDP titled “Programming In JAVA” with 75%
<b>Certifications</b>	<p>SkillDzire certification in “ full stack JAVA”</p> <p>Rantan Tata skill University certification in “Code without barrier”</p>
<ul style="list-style-type: none"> <li><b>Conferences/Workshop/Seminars/ STTP attended: 33</b></li> <li><b>Conferences/Workshops Organized: 04</b></li> </ul>	
<b>Publications:</b>	
<b>Books (02)</b>	<ul style="list-style-type: none"> <li>➤ Fundamental of Programming Languages, Gigatech Publications, 2009, Edition: 1</li> <li>➤ Fundamental of Programming Languages, Gigatech Publications, 2010, Edition: 2</li> </ul>
<b>Research Papers (28)</b>	<ul style="list-style-type: none"> <li>International Journal = 2</li> <li>International Conference = 1</li> <li>National Conference = 2</li> </ul>
<b>Publications Indexed at:</b> Elsewier	