

Staff Profile  
**SNJB's Shri Hiralal Hastimal (Jain Brothers, Jalgaon)**  
**Polytechnic, Chandwad, Nashik.**

**Department of Mechanical Engineering**

**Mr. Alkesh S. Ajamere (Sr. Lecturer)**

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<b>Qualification :</b>	<ul style="list-style-type: none"> <li>✓ M.E. Mechanical-Design Engineering, (SPPU, Pune)</li> <li>✓ B.E. Mechanical Engineering (SPPU, Pune)</li> </ul>
<b>Designation :</b>	Sr. Lecturer
<b>Date of Joining :</b>	07/06/2010
<b>Experience :</b>	<ul style="list-style-type: none"> <li>1. Teaching: 14 Years</li> <li>2. Industrial: 1 year</li> </ul>
<b>Teaching/research Areas:</b>	<ul style="list-style-type: none"> <li style="width: 33%;">✓ Thermal Engg.</li> <li style="width: 33%;">✓ Power Engineering</li> <li style="width: 33%;">✓ Engineering Graphics</li> <li style="width: 33%;">✓ Mechanical Engineering Measurement</li> <li style="width: 33%;">✓ Refrigeration and Air conditioning</li> <li style="width: 33%;">✓ Hydraulics &amp; Pneumatics</li> </ul>
<b>Courses / Subjects Involved With :</b>	<ul style="list-style-type: none"> <li>1. Thermal Engineering</li> <li>2. Power Engineering &amp; Refrigeration</li> <li>3. Mechanical Engineering Measurement</li> <li>4. Industrial Hydraulics &amp; Pneumatics</li> <li>5. Engineering Graphics</li> <li>6. Entrepreneurship Development</li> <li>7. Environmental studies</li> <li>8. Capston Project</li> </ul>
<b>Projects Carried out</b>	<ul style="list-style-type: none"> <li>1. Power Operated grain Collector <b>Design Patent Granted 426084-001</b></li> <li>2. Color mixing machine</li> <li>3. Pesticide spraying machine</li> <li>4. Car jack connector (<b>Utility Patent published - 202321078574</b>) <b>Prize winner in Avishkar 2023 at SND Yeola</b></li> <li>5. All in one Cultivator <b>Design Patent granted 418233-001 1 Lakh seed funding granted from Government of Maharashtra</b></li> </ul>

<b>Research Publications /Conference Attended</b>	<ol style="list-style-type: none"> <li>1. ICRTET Recent trends in engg. Technology 2013 An overview on impact of computing technology in educational system</li> <li>2. Design and development of power weeder, Participate in International E conference ICMMSSE: IR 2023</li> <li>3. Material Optimization Toggle Jack Connector Assembly using Al6061 and Bronze material for Torsional strength© 2024 IJRAR April 2024, Volume 11, Issue 2 www.ijrar.org (E-ISSN 2348-1269, P- ISSN 2349-5138)</li> <li>4. 4<sup>th</sup> international conference on Mechanical and Material science Engineering : Innovation and research (ICMMSSE:IR 2024)</li> </ol>
<b>No. of Books Published with details</b>	<ol style="list-style-type: none"> <li>1. <b>Measurement &amp; Control ISBN No.9789350162590</b></li> <li>2. <b>Emerging trends in mechanical Engineering ISBN No.978-93-5563-207-4</b></li> </ol>
<b>Duties Perform</b>	<ol style="list-style-type: none"> <li>1. OIC of Distribution Center of MSBTE</li> <li>2. OIC of Theory Exam Center of MSBTE</li> <li>3. Additional OIC of RAC of MSBTE</li> <li>4. Controller for MSBTE Exam</li> <li>5. Vigilance Squad for MSBTE Exam</li> <li>6. Controller for MSCIT Exam</li> <li>7. Squad For MSCIT Exam</li> <li>8. AICTE Coordinator</li> <li>9. Examiner for MSBTE paper Assessment</li> <li>10. Moderator MSBTE paper Assessment</li> <li>11. Internal Vigilance squad for MSBTE Exam</li> <li>12. Coordinator for MSBTE level Quiz and Paper Competition</li> <li>13. OIC for Regional Assessment center (RAC)</li> <li>14. NBA Criterion3 coordinator</li> <li>15. Model answer setter</li> <li>16. Model answer moderator</li> <li>17. Interview committee member for Government ITI Chandwad</li> <li>18. Faculty approval Coordinator</li> <li>19. GP Nashik Question paper Setting</li> <li>20. Advisor for NBA criterion 3 at NDMVP Nashik</li> <li>21. Judge for the Various event organized at SNJB engineering Collage</li> <li>22. Organized Industrial visits for students</li> <li>23. Coordinator for Quiz and paper presentation competition</li> </ol>

	<p>24. Institute Research committee member</p> <p>25. Active role in admission</p> <p>26. Social Activity like tree plantation , blood donation and Cloth donation to needy people</p> <p>27. B.G. Deshmukh Essay Competition Institute level In charge</p> <p>28. Annual social gathering Prize distribution Chairperson</p> <p>29. RAC photocopy Officer in charge</p> <p>30. Faculty Approval Coordinator</p> <p>31. External for ITI Examination</p> <p>32. Micro project development for Lab</p> <p>33. Charts Development for Lab</p> <p>34. Industrial Visits for the students</p> <p>35. MSBTE Paper Setter</p> <p>36. Govt, Polytechnic, Nashik Paper Setter</p> <p>37. Advisor For NBA criterion 3 to other colleges</p> <p>38. Mock peer committee member to other polytechnics</p> <p>39. Workshop taken for CO PO Mapping</p> <p>40. Judge for Institute Hackathon event at SNJB engg. College</p>
<p><b>Staff training/FDP attended</b></p>	<p><b>2 Week Induction phase –I by NITTR Bhopal</b></p> <p>1) Two weeks faculty development Programme in Entrepreneurship by MITCON from 12/08/2016to 24/08/2016.</p> <p>2) Faculty Orientation Programme at Eton Industrial Systems pvt. Ltd. from 25/7/11 to 27/7/11.</p> <p>3) One Week Faculty Development Programme on Mechatronics and industrial Automation at GP nashik on 17th to 21st Dec. 2018</p> <p>4) Two week Induction Training Phase I at GGSP Nashik on 6th to 17<sup>th</sup> june 2016.</p> <p>5) One week AICTE-ISTE approved Orientation/Refresher Programme on “Non-Conventional Energy Sources (Green Energy)”</p> <p>6)One week AICTE-ISTE approved Online FDP on “Advanced Mechatronics system”</p> <p>7) FDP by NITTR 07/8/23 to 11/8/23</p> <p>8) Atal FDP by AICTE 18/12/23 to 23/12/23</p> <p>9) Atal FDP by AICTE on Leveraging Cutting Edge Technologies for sustainable Agricultural practices on 2/12/24 to 07/12/24.</p> <p>10) 12 weeks NPTEL Mooc’s Course on Mechanical Engineering at July – Oct 2024</p>

	<p>11) 08 weeks NPTEL Mooc's Course Mechanical Measurement System at Jan – Feb 2024</p> <p>12) More than 6 Online AICTE sponsored FDP Attended</p>
<p><b>Award And Recognition Details</b></p>	<ol style="list-style-type: none"> <li>1. Maharashtra student innovation challenge <b>Got 1 Lakh</b> seed funding from government of Maharashtra for All in one cultivator project guided by me Academic Year 2023-24</li> <li>2. Ideation Challenge Got runner up prize for All in one cultivator by Late SKBJ College of Engg. Academic Year 2023-24</li> <li>3. Avishkar 2022 Got second prize for project Car jack connector guided by me Academic Year 2022-23 at SND College of engineering</li> <li>4. Award of Achievement Certificate for outstanding contribution as a project guide Academic Year 2023-24</li> <li>5. Best Result Certificate for Best Result S 2024 Academic Year 2024-25</li> <li>6. Best Result Certificate for best result Academic Year 2021-22</li> <li>7. Best Project Guide 2024 by Institute</li> </ol>