

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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Qualification :	✓ M.E. Mechanical-Design Engineering, (SPPU, Pune) ✓ B.E. Mechanical Engineering (SPPU, Pune)
Designation :	Sr. Lecturer
Date of Joining :	07/06/2010
Experience :	1.Teaching: 16 Years 2.Industrial: 1 year
Teaching/research Areas:	✓ Thermal Engg. ✓ Power Engineering ✓Engineering Graphics ✓ Mechanical ✓ Refrigeration Engineering and Air ✓Hydraulics & Pneumatics Measurement conditioning
Courses / Subjects Involved With :	1. Thermal Engineering 2. Power Engineering & Refrigeration 3. Mechanical Engineering Measurement 4. Industrial Hydraulics & Pneumatics 5. Engineering Graphics 6. Entrepreneurship Development 7. Environmental studies 8. Capston Project
Projects Carried out	1. <u>Power Operated grain Collector</u> Design Patent Granted 426084-001 2. <u>Car jack connector</u> (Utility Patent published - 202321078574) Prize winner in Avishkar 2023 at SND Yeola 3. <u>All in one Cultivator</u> Design Patent granted 418233-001 1 Lakh seed funding granted from Government of Maharashtra 4. <u>Onion Seed sowing and Mixing Machine</u> , Design Patented 452998-001,

	Second prize winner in Dipex 2025 5. Color mixing machine 6. Pesticide spraying machine
Research Publications /Conference Attended	1. ICRTET Recent trends in engg. Technology 2013 An overview on impact of computing technology in educational system 2. Design and development of power weeder, Participate in International E conference ICMMSSE: IR 2023 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) 4. 4 th international conference on Mechanical and Material science Engineering : Innovation and research (ICMMSE:IR 2024) 5. Published research paper titled Investigating The Mechanical Properties of Sisal/Areca/Sisal Natural Fiber Reinforced Composite Material Treated with NaOH and Filled with Al ₂ O ₃ and TiO ₂ in In Journal of Polymer and Composites STM journal indexed in web of science Year : 2025 Volume : 13 Special Issue 03 6. Participate in 10 th International conference on Human values in Higher Education (ICHVHE 2025) organized by UHV & AICTE on 19 th to 21 st Dec. 2025
No. of Books Published with details	1. Measurement & Control ISBN No.9789350162590 2. Emerging trends in mechanical Engineering for MSBTE I scheme ISBN No.978-93-5563-207-4 3. Published a book for Emerging Trends in Mechanical Engineering - 315369 for TYME K Scheme ISBN No. 978-93-5563-830-4 4. Published a book for Cold Chain Management - 316365 for TYME K Scheme ISBN No. 978-93-5563-823-6
Duties Perform	1. OIC of Distribution Center of MSBTE 2. OIC of Theory Exam Center of MSBTE 3. Additional OIC of RAC of MSBTE 4. Controller for MSBTE Exam 5. Vigilance Squad for MSBTE Exam 6. Controller for MSCIT Exam 7. Squad For MSCIT Exam 8. AICTE Coordinator

	9. Examiner for MSBTE paper Assessment 10. Moderator MSBTE paper Assessment 11. Internal Vigilance squad for MSBTE Exam 12. Coordinator for MSBTE level Quiz and Paper Competition 13. OIC for Regional Assessment center (RAC) 14. NBA Criterion3 coordinator 15. Model answer setter 16. Model answer moderator 17. Interview committee member for Government ITI Chandwad 18. Faculty approval Coordinator 19. GP Nashik Question paper Setting 20. Advisor for NBA criterion 3 at NDMVP Nashik 21. Judge for the Various event organized at SNJB engineering Collage 22. Organized Industrial visits for students 23. Coordinator for Quiz and paper presentation competition 24. Institute Research committee member 25. Active role in admission 26. Social Activity like tree plantation , blood donation and Cloth donation to needy people 27. B.G. Deshmukh Essay Competition Institute level In charge 28. Annual social gathering Prize distribution Chairperson 29. RAC photocopy Officer in charge 30. Faculty Approval Coordinator 31. External for ITI Examination 32. Micro project development for Lab 33. Charts Development for Lab 34. Industrial Visits for the students 35. MSBTE Paper Setter 36. Govt, Polytechnic, Nashik Paper Setter 37. Advisor For NBA criterion 3 to other colleges 38. Mock peer committee member to other polytechnics 39. Workshop taken for CO PO Mapping 40. Judge for Institute Hackathon event at SNJB engg. College
Staff training/FDP attended	2 Week Induction phase –I by NITTR Bhopal 1) Two weeks faculty development Programme in Entrepreneurship by MITCON from 12/08/2016 to 24/08/2016. 2) Faculty Orientation Programme at Eton Industrial Systems pvt. Ltd. from

	25/7/11 to 27/7/11. 3) One Week Faculty Development Programme on Mechatronics and industrial Automation at GP nashik on 17th to 21st Dec. 2018 4) Two week Induction Training Phase I at GGSP Nashik on 6th to 17th june 2016. 5) One week AICTE-ISTE approved Orientation/Refresher Programme on “Non-Conventional Energy Sources (Green Energy)” 6)One week AICTE-ISTE approved Online FDP on “Advanced Mechatronics system” 7) FDP by NITTR 07/8/23 to 11/8/23 8) Atal FDP by AICTE 18/12/23 to 23/12/23 9) Atal FDP by AICTE on Leveraging Cutting Edge Technologies for sustainable Agricultural practices on 2/12/24 to 07/12/24. 10) 12 weeks NPTEL Mooc’s Course on Mechanical Engineering at July – Oct 2024 11) 08 weeks NPTEL Mooc’s Course Mechanical Measurement System at Jan – Feb 2024 12) More than 6 Online AICTE sponsored FDP Attended 13) Completed 4 Week NPTEL <u>Product Design and Development (5% Topper)</u> <u>14) 04 week NPTEL Outcome based pedagogy principles for effective teaching (Elite Silver)</u>
Award And Recognition Details	1. Maharashtra student innovation challenge Got 1 Lakh seed funding from government of Maharashtra for All in one cultivator project guided by me Academic Year 2023-24 2. Ideation Challenge Got runner up prize for All in one cultivator by Late SKBJ College of Engg. Academic Year 2023-24 3. Avishkar 2022 Got second prize for project Car jack connector guided by me Academic Year 2022-23 at SND College of engineering 4. Award of Achievement Certificate for outstanding contribution as a project guide Academic Year 2023-24 5. Best Result Certificate for Best Result S 2024 Academic Year 2023-24 6. Best Result Certificate for best result Academic Year 2021-22 7. Best Project Guide 2024 by Institute 8. Best Result Certificate for Best Result S 2025 Academic Year 2024-25 9. NPTEL Topper for Course Product Design and Development Oct 2025