

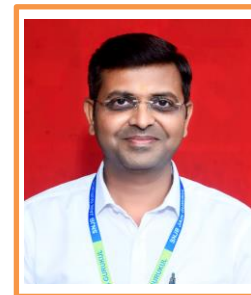
SNJB's Shri Hiralal Hastimal (Jain Brothers, Jalgaon) Polytechnic, Chandwad

(All AICTE Approved Programs NBA Accredited)

Department: Mechanical Engineering

Faculty Profile

Name of Faculty: Mr. Yogesh Laxmanrao Kakuste



Qualification :	B.E. Production Engg. (Pune University, 2005) M.E. Mechanical Design Engg. (N.M.U. Jalgaon 2013) Ph.D. Pursuing
Designation :	Lecturer (Selection Grade)
Date of Joining :	27-12-2008
Experience :	Teaching: 18 Years 01 Months Industry: 01 Years 05 Months
Teaching/research Areas :	Quality Control, Machine Design
Courses / Subjects Taught :	Metrology & Quality Control, Fluid Mechanics & Machinery, Design of Machine Element, Management
Staff training/FDP attended in last 3 Years	1.FDP on "Research Trends in Industry 4.0 (One Week) (17-04-2023 to 21-04-2023) 2.Short Term Training Program (STTP) on "Small Hydro Power Plant Technician (Jal-Urja Mitra) (Two Week)(05-08-2024 to 15-08-2024) 3.Industrial Training Program at Nashik Engg. Cluster (NEC), Nashik on "Additive Manufacturing (3 D Printing) for Plastic". (One Week)(27-01-2025 to 31-01-2025) 4.Industrial Training Program at "M/S BOSCH Ltd. Pune on "Advance Automotive System". (One Week)(06-10-2025 to 10-10-2025) 5.FDP on "Accreditation and Outcome Based Learning". (Eight Week)(Aug 2025 to Oct 2025) 6.FDP on "Product Design & Development". (Four Week)(July 2025 to Aug 2025)
Paper presentation /conferencesattended	1."Exploring the Potential of Bio waste fillers for development of Ecofriendly Polymer Bio-Composites: A review" https://doi.org/10.46632/jemm/10/4/4 International Conference on Advanced Materials and Its Characterisation (ICAMC 2024) 2."Investigating the influence of Bio waste Papaya Fruit Powder on the properties of Polylactic Acid-Based Bio Composites", International Conference on Advances and Creations in Mechanical Engineering (ICACME 2025)
Paper published in journals	1."Unidirectional Multi-Spindle Colour Mixing Machine", International Journal of Scientific Research in Engineering and Management. (ISSN: 2582-3930)
Books published with ISSN/ISBN number :	1."Tool Engineering", TechKnowledge Publications, ISBN : 978-93-5563-180-0 2."Interview Skills" The Perfect Answers to Interview Question, LAP LABMERT Academic Publishing, UK, ISBN: 978-3-659-58586-9

Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	1. Course Expert for MSBTE, Mumbai Curriculum Development of 5 th Semester under “K Scheme” at MSBTE Building, Pune 2. Course Expert for MSBTE, Mumbai Curriculum Development of 6 th Semester under “K Scheme” at MSBTE Building, Pune 3. Course Expert for MSBTE Lab Manual Development of 5th Semester of Course “Product Design & Development” under “K Scheme” 4. Course Expert for MSBTE Bilingual Learning Material Development for 6th Semester Course “Design of Machine Elements” under “K Scheme” 5. MSBTE TH Question Paper Setter 6. Vigilance Squad for MSBTE Exam 7. MSBTE EIMC Member 8. DC 0079 OIC 9. MSBTE Expert for Model Answer Moderator of TH Exam 10. MSBTE Expert for Model Answer Preparation of TH Exam 11. MSBTE TH Exam RAC Assessor/Moderator
List of Projects guided at diploma level last 3 years	1. Automatic and adjustable Solar Power Operated Watering System 2. Mini Cabbage cutting harvester 3. Smart E Vehicle 4. Free energy generator from spring mechanism
Role and responsibilities at institute Level	1. NBA Institute Level Coordinator 2. Training & Placement Officer 3. MSBTE Nodal Officer for School Connect Project 2025-26 (Taluka Level - Kalwan) 4. First Year Students Result Analysis Coordinator 5. Institute Roll Call Preparation 6. Admission Campaigning Member of Deola, Kalwan, Satana, Nampur Region
Role and responsibilities at department level	1. NBA Criterion 04 Coordinator 2. Personality Development event Coordinator 3. Lab In-charge (FMM) 4. Student Counseling (Mentors)
Major achievements in last 5 years	1. Manufacturing Processes - Casting and Joining (Jul-Aug 2024) Top 1% Topper in NPTEL Exam 2. Product Design and Development (Jul-Aug 2025) Top 1% Topper in NPTEL Exam 3. Accreditation and Outcome Based Learning (Aug-Oct 2025) Top 1% Topper in NPTEL Exam
Professional membership if any	1. “Life Member of the Indian Society for Technical Education (ISTE) – Membership No. LM- 132988.”