

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. Mahesh Shivaji Bhagwat



Qualification :	M.E. (Mechanical Design Engg), B.E.(Mechanical Engg.)
Designation :	Lecturer
Date of Joining :	24/12/2019
Experience :	Teaching: 6 Years
Teaching/research Areas :	Mechatronics, Vibration Analysis, Finite Element Analysis. Machine Design, Renewable energy Technology
Courses / Subjects Taught :	1. Strength of Material -313308 2. Mechanical Engineering Material -313317 3. Basic of Mechatronics -314017 4. Alternative Energy Sources And Energy Management-316364 5. Entrepreneurship Development And Startups-314014 6. Renewable Energy And Technology-22661 7. Industrial Engineering And Quality Control-22657
Staff training/FDP attended in last 3 Years	1. Completed offline 5 days Faculty Development Training program on Mechatronics and Industrial automation from 06/01/2025 to 10/01/2025 organised by Government Polytechnic Nashik in association with MSBTE. 2. Completed one week Faculty development training program "Outcome Based Education and Accreditation Process" from 25/11/2025 to 29/11/2025 organised by National Institute of Technical Teachers Training and Resaerch (NITTR) Chandigarh. 3. Completed Teachers Training program in INTELLECTUAL PROPERTY awareness and training program organised by Government of India Ministry of Commerce and industry Department for promotion of industry and internal trade office of the controller General of Patents, Design and Trade mark, New Delhi on 27 February 2025. 4. Completed NPTEL-AICTE faculty development training program Economics of IPR organised by IIT MADRAS. 5. Completed NPTEL-AICTE faculty development training program Roadmap of Patent Creation organised by IIT MADRAS 6. Completed NPTEL-AICTE faculty development training program Basic of Mechanical Engineering organised by IIT MADRAS. 7. Completed NPTEL-AICTE faculty development training program Product Design and Development organised

	by IIT Madras.
Paper presentation /conferencesattended	1. Modal Analysis Of Two Wheeler Chassis ,in the 5th Mechanical Engineering Post Graduate Student's Conference MECHPGCON-2019 organized by Amrutvahini College Of Engineering ,Sangamner under the Savitribai Phule Pune University ,Pune,june21-22,2019. 2. Analysis of heat transfer rate of shell and tube heat exchanger using MATLAB code and CFD analysis "Recent advances in Mechanical Engineering"3rd national conference – RAME-17 at Dr,Vithalrao Vikhe Patil College of Engineering, Ahilyanagar 17-18February2017.
Paper published in journals	-----
Books published with ISSN/ISBN number :	-----
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	1. Worked as Office- In-charge in winter 2021 MSBTE Online Examination. 2. Performing MSBTE theory examination duty as supervision. 3. MSBTE –RAC -Moderation/Assessors. 4. External examiner for MSBTE oral practical exam.
List of Projects guided at diplomalevel last 3 years	1. Design and Development of Engine Assisted Single Row Potato Planter. 2. Remote Control River Cleaning Machine. 3. Automatic Garlic and Peanut Planter. 4. Remote Control Raking Machine. 5. Design and Manufacture Root Lifter Machine For Agriculture Field. 6. Design and Development of Cow Dung Cleaning Machine. 7. Onion Sorting And Lifting Machine.
Role and responsibilities at institute Level	1. Institute Level Patent Coordinator. 2. Institute Level Coordinator of KAPILA: Kalam Program for IP Literacy and Awareness.
Role and responsibilities at department level	1. NBA Criterion 2 member 2. DSY Admission Coordinator 3.Result Analysis Coordinator 4.Event (Quiz/FDP/other competition) Coordinators 5.Class Coordinator
Major achievements in last 5 years	1. I have got eight certificates of Registration of various innovative Designs from patent office Government of India. 2. Our TYME students won first prize of Rs. 50,000/- project title is Design and Development of Engine Assisted Single Row Potato Planter under the guidance of Mr.M.S.Bhagwat in DIP-NOVA26 State level project competition organised by JSPM University, Pune .
Professional membership if any	1.ISTE Life Membership, New Delhi 2.IEI Life Membership-(AMIE) ,Kolkata