

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

(All AICTE Approved Programs NBA Accredited)

Department: Electronics & Telecommunication

Faculty Profile

Name of Faculty: Ms. Bachhav Swati M.



Qualification :	M.E.(VLSI & ES)
Designation :	Lecturer
Date of Joining :	1/2/2022
Experience :	4 years
Teaching/research Areas :	Electronics & Telecommunication
Courses / Subjects Taught :	<ol style="list-style-type: none"> 1. Drone Technology(316335) 2. Basic Power Electronics(314363) 3. Electronics Workshop Practice (312008) 4. Electronic Measurements & Instrumentation (313012) 5. VLSI Applications (316340)
Staff training/FDP attended in last 3 Years	<ol style="list-style-type: none"> 1. Recent Trends In Industrial Automation & Robotics 2. Embedded System Design 3. AI Innovations & Matlab Solutions 4. Solar PV Installation Effective Teaching & Learning Using Active Learning Methods 5. Inculcating Universal Human Values in Technical Education 6. AI,IoT & Cyber Physical Systems: Driving the future of Industry
Paper presentation /conferences attended	
Paper published in journals	<ol style="list-style-type: none"> 1. Solar Car: A Step Towards Clean Mobility 2. Smart Automated Seed Sowing Machine. 3. Automatic Weeding Robot 4. Smart Automatic Sprinkler
Books published with ISSN/ISBN number :	
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	
List of Projects guided at diploma level last 3 years	<ol style="list-style-type: none"> 1. Automatic Weeding Robot 2. Agriculture Sprinkler 3. Solar Car 4. Automatic Seed Sowing Machine 5. Small Robot of Weight lifting
Role and responsibilities at institute Level	
Role and responsibilities at department level	<ol style="list-style-type: none"> 1. PAT I & PAT II Exam Coordinator 2. Internal Exam Duties Members 3. Lab In-charge 4. Capstone Project guided 5. Student Counseling (Mentors) 6. NBA Criterion 7. Industrial Visit organized 8. Expert Talk organized 9. Website Coordinator

Major achievements in last 5 years	
Professional membership if any	1. IEI Membership