

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

(All AICTE Approved Programs NBA Accredited)

Department: Computer Technology

Faculty Profile



Name of Faculty: Mr. Thakre Nilesh Ramesh

Qualification :	B.E. (E&TC), M.E. (EPS), Ph.D.(Electronics) Pursuing
Designation :	In-charge HOD
Date of Joining :	1/11/2020
Experience :	Teaching: 13 Yrs.
Teaching/research Areas :	Robotics, Machine Learning and Microcontroller base Electronics automation system
Courses / Subjects Taught :	1. EJ5I –IOT APPLICATIONS (315341) 2. EJ2I-Elements of Electrical Engineering (EEC- 312315) 3. EJ4I –Microcontroller and Application (MAA-314328)
Staff training/FDP attended in last 3 Years	I. Industrial Training program of 1 week in AI Driven Innovation in Industry 4.0: Upskilling Educators for a Smarter Tomorrow organised by MSBTE from 02-02-2026 to 06-02-2026 II. Training of Trainer ToT of job role Small hydro Power Plant Technician organised by NSDC and conducted by I.I.T Roorkee Uttarakhand. III. Training of Trainer ToT of job role Assistant Electrician organised by NSDC and conducted by L&T Skill Training Centre ,Mumbai. IV. ATAL Faculty Development program on AI,IoT and Cyber- Physical system: Driving the Future of Industry 4.0 at SNJB's Shri H.H.J.B Polytechnic Chandwad From 08/09/2025 to 13/09/2025.
Paper presentation /conferencesattended	3) Zika Virus Prediction in Health Care Using AI and Optimization Technique
Paper published in journals	1) Agricultural Drone for Smart Crop Monitoring & Precision Spraying 2) Onion Health Monitoring and Alerting System. 3) Solar Panel Cleaning Robot With Water tank.
Books published with ISSN/ISBN number :	1. First Article publication in international Magazine, Electronics For You Smart home automation using NodeMCU ESP8266 Vol 56,No 2,ISSN 0013-516X Month of February 2024. 2. Second Article publication in international Magazine, Electronics For You School Prayer Time and Period over Automation system Vol 4,Issue No 10,ISSN 0013-516X Month of August 2024.

Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	MSBTE Lab Manual content development Member, RAC- Examiner and Moderator, MSBTE Exam Controller , Worked as Officer-in-charge, Internal squad member & External Vigilance squad member. Worked as Examiner, PR- Internal/ External examiner.
List of Projects guided at diploma level last 3 years	1.Real Time Crop Monitoring and Precision spraying agricultural Drone 2.Aricultral Drone Spraying 3.Automatic School Bell System
Role and responsibilities at institute Level	<ul style="list-style-type: none"> • NBA Program Co-Ordinator • Library Co-ordinator • Jal Urja Skill Training Program Trainer and Course Co-ordinator
Role and responsibilities at department level	<ul style="list-style-type: none"> • In-charge HoD • MSBTE Exam Department Co-ordinator • Virtual Lab – Program Coordinator
Major achievements in last 5 years	<ol style="list-style-type: none"> 1) 5% Topper in NPTEL Course Technical Communication for Engineers (Jul-Aug-2024) 2) 5% Topper in NPTEL Course Artificial Intelligence in Industrial and Management Engineering 3) Training of Trainer completed from IIT Roorkee for Jal Urja Skill Training Program
Professional membership if any	<ul style="list-style-type: none"> • Member of ISTE • Member of IEI • Member of IETE

*Note : Don't add any other row in above table. Try to keep size of profile maximum 2 pages only.