

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

(All AICTE affiliated Programs NBA Accredited)

Department: Electronics and Telecommunication Engineering

Faculty Profile



Mr. Nalawade Manish Arvind

Qualification :	B.E (E&TC), M. Tech (VLSI & ES)(Pursuing)
Designation :	Lecturer
Date of Joining :	01-July-2020
Experience :	Teaching: 10 Yrs.
Teaching/research Areas :	Digital System, Network Theory, Communication Systems.
Courses / Subjects Involved With :	EJ5I- Mobile and Wirelesss Communication (MWC-315339) EJ3K- Digital Techniques (DTE-313303) EJ4K- Electronic Equipment Maintenance & Simulation (MEE-314009) EJ3I- Digital Techniques (DTE-22320) EJ4I- Linear Integrated Circuits (LIC-22423) EJ5I- Mobile and Wirelesss Communication (MWC-22533) EJ5I- Capstone Project Planning (CPP-22058) EJ6I- Mechatronics (MEC-22643) EJ6I- Capstone Project Execution (CPE-22060) EJ3G- Electronics Devices and Circuits (EDC-17319) EJ4G- Analog Communication (ACO-17440) EJ4G- Linear Integrated Circuits(LIC-17445) EJ5G- Microcontroller (MIC-17534) EJ5G- Digital Communication (DCO-17535) EJ6G- Mobile Communication (MCO-17657)
Staff training/FDP attended in last 3 years	- FDP on “ Teaching And Learning in Engineering (TALE) ” Organized by NPTEL-AICTE from Jan-Feb 2025 (4 Weeks). - FDP on “ Fundamentals of Wireless Communication ” Organized by NPTEL-AICTE from July-September 2024 (8 Weeks). - Participated in the AICTE Recognized Faculty Development Programme on “ IoT's and Embedded Systems ” Conducted by Electronics and Communication Engineering Department from 15/01/2024 to 19/01/2024 (One Week) at NITTTR, Chandigarh

	- One Week Online National Level Faculty Development Program on "Innovation, Research And IPR - Journey Towards Excellence" held from 1st March 2023 – 5th March 2023 organized by BVB's Sardar Patel College of Engineering, Mumbai & HSM's Shri. Sant Gadge Baba College of Engineering & Technology, Bhusawal - FDP on “Roll Of Teachers To Boost Moral values, Ethics in Engineering Education System” Organized by MVPs KBT College of Engineering Nashik. -FDP on “National Education Policy-2020, in Context of Technology and Higher Education” Jointly Organized by Dr.Babasaheb Ambedkar Technological University Lonere,Raigad and Bajaj Institute of Technology, Wardha
Paper presentation /conferences attended	-Paper Present on “Evolution in Wireless Technology” at A National Level Technical Event at Jawaharlal Nehru Engineering Collage, Aurangabad
Paper published in journals	Paper published in “International Research Journal of Engineering and Technology (IRJET)” Volume: 12 Issue: 01 Jan 2025 Title “Spider Agri-Bot: Integrated Grass Cutter and Pesticide Sprayer”.
Books published with ISSN/ISBN number :	NIL
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	-MSBTE Theory Exam Officer-in-charge -MSBTE Exam Controller -MSBTE Examiner -OR/PR External Internal Examiner -Internal squad member -External Vigilance squad member (RAC, DEC & Theory Exam) -Online Exam In charge -RAC (Moderater, Examiner)
List of Projects guided at diploma level last 3 years	- Spider Agri-Bot: Integrated Grass Cutter and Pesticide Sprayer -Automation System for Educational Institute -Alcohol detection system for accidental prevention -Touchless Sanitizer and Oximeter -Saline Level Indicator with Emergency System -Minimizing Penalty In Industrial Power Consumption By Engaging APFC Unit -Sound Operated Cradle -Automatic Irrigation System Based on Soil Moisture Control
Role and responsibilities at institute level	-Member of admission campaigning team (Yeola region) -NBA Institute File I 8.3 (Feedback On Facilities) -Gathering Committee Coordinator -Alumni meet member

Role and responsibilities at department level	-Academic Coordinator -Lab In Charge (Computer Center and Hardware Lab) -Event Coordinator -News Letter Coordinator -Result Analysis Coordinator -NBA Co Coordinator -NBA Criterion 4 Coordinator -Class Coordinator(TYEJ) -IEI Student Chapter Coordinator -Mentor (TYEJ) -MSBTE Exam Department Assistant Coordinator -Student Induction Program Coordinator
Major achievements in last 5 years	-Design Patent of “Spider Agri-Bot: Integrated Grass Cutter and Pesticide Sprayer” has been Granted on 26/03/2025 -100% Result of the course MEC(EJ6I) in Summer 2025 Examination - Completed NPTEL Course on “Teaching And Learning in Engineering (TALE)” from Jan-Feb 2025 (04 Week) -100% Result of the course MWC(EJ5I) in Winter 2024 Examination - Completed NPTEL Course on “Fundamentals of Wireless Communication” from Jul-Sep 2024 (08 Week) -Design Patent of “Multipurpose Solar Battery” has been Granted on 25/06/2024 -100% Result of the course MEC(EJ6I) in Summer 2024 Examination -Completed NPTEL Course on “Digital System Design” from Jan-Apr 2024 (12 Week) -Design Patent of “Robotic ARM for Honeybee Hive Retrieving” has been Granted on 16/04/2024 -100% Result of the course MWC(EJ5I) in Winter 2023 Examination -Participated in the AICTE Recognized Faculty Development Programme on “IoT's and Embedded Systems” Conducted by Electronics and Communication Engineering Department from 15/01/2024 to 19/01/2024 (One Week) at NITTTR, Chandigarh -Completed NPTEL Course on “Mechatronics” from Jan-Mar 2022 (08 Week)
Professional membership if any	Quality Circle Forum of India