

SNJB's S.H.H.J.B. Polytechnic, Chandwad

Department: Electronics and Tele-Communication Engineering

Faculty Profile**Miss. Pallavi Sanjay Patil**

Qualification :	B.E (E&TC)
Designation :	Lecturer
Date of Joining :	01-July-2023
Experience :	2 Year 9 Months
Teaching/research Areas :	Fundamentals of ICT, Basic Electronics, Engineering Workshop, Microcontroller , Arduino, Node MCU, GSM, GPS
Courses / Subjects Involved With :	EJ1K- Fundamentals of ICT (ICT-311001) EJ1K- Engineering Workshop Practice (EWP-311007) EJ2K – Basic Electronics (BEL-312314) EJ2K- Programming in C language (312009) EJ5K- Seminar and Project Initiation Course (315003) EJ6K -Capstone Project Planning (316004)
Staff training/FDP attended in last 3 years	1.FDP on “Emerging Trends In Electrical Engineering” Organized by institute Shivjirao S. Jondhale Polytechnic, Asangaon. 2.FDP on “AI Innovation and MATLAB Solution” Organized by PCET, S Pimpri Chinchwad College of Engineering Research , Ravet. 3. FDP on “ Inculcating Universal Values in Technical Education” Organized by All India Council for Technical Education (AICTE) 4. Participated in the AICTE recognized Faculty Development Programme on “ Innovative Technologies for Village Development” 5. Participated in NEP 2020 Orientation and Sensitization Programme with emphasis on Information and Communication Technology under the Malviya Mission Teacher Training Programme (MMTTP) of the UGC organized by MMTC, Central University of Jammu from 27 th Feb to 07 th March 2026
Paper presentation /conferences attended	N/A
Paper published in journals/ Magazines	1.Paper published in “International Research Journal of Engineering and Technology (IRJET)” Volume: 12 Issue: 09 Sep 2025 Title “Agriculture Drone for Smart Crop Monitoring and Precision Spraying”. 2. Paper published in “International Research Journal of Engineering and Technology (IRJET)” Volume: 14 Issue: 03 March 2025 Title “Automatic Medicine Dispenser”.
Books published with ISSN/ISBN number :	N/A
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	1. OR/PR External Internal Examiner 2. Online Exam In charge

List of Projects guided at diploma level last 3 years	1.Agriculture Drone Spray Automatic 2.Medicine Dispenser 3.Agriculture Drone for Smart Crop Monitoring and Precision Spraying
Role and responsibilities at institute level	1.Member of admission campaigning team (Taharabad region) 2. MSBTE TH Exam Duties 3. FC Member 4. Gathering Committee Coordinator 5. Various Institute level Committees Member
Role and responsibilities at department level	Lab Incharge (Analog Electronics Lab-103) Departmental Project Coordinator Induction Program Coordinator (First Year) Industrial Training Coordinator Criteria 1 Coordinator Antiragging Co-ordinator
Major achievements in last 5 years	1.Design Patent of “ Non – Electrical Soalr Tracking System” has been Granted on 27/01/2025 2. Design Patent of “Smart Storage Device for Onion Health Monitoring” has been Granted on 25/03/2026 3. Completed NPTEL Course on “Teaching And Learning in Engineering (TALE)” from Jan-Feb 2025 (04 Week)-5% Topper 4. Participated in the AICTE Recognized Faculty Development Programme on Inculcating Universal Values in Technical Education” Organized by All India Council for Technical Education (AICTE) from 15/09/2025 to 19/09/2025 (One Week) at NITTTR, Chandigarh
Professional membership if any	N/A