



SARWANG SANJAYRAO DHOLE

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PERSONAL DETAILS

DOB: October 8, 2001. Place of Birth: Wardha, Maharashtra, India

Gender: Male

Nationality: Indian.

EDUCATION QUALIFICATION

Matriculation: Ratnibai Vidyalaya Wardha. (89.40%)	2016-2017
Intermediate/+2: New English Junior College Wardha. (81.85%)	2017-2019
Graduation: Bajaj College of Science Wardha. (9.29 CGPA)	2019-2022
Post Graduation: Malaviya National Institute of Technology Jaipur. (7.92 CGPA)	2022-2024

PROJECT

One year Project Thesis was done in Organic Chemistry on the topic entitled, "Synthesis & Studies of CuO & CuO based Nanoparticles & the comparative Antimicrobial study of CuO, ZnO Nanoparticles with their composites i.e. CuO-ZnO". Specifically working on mixed nanoparticles of CuO-ZnO Nanoparticles with the antimicrobial application.

JOB QUALIFICATION

Joined the Research and Development (R&D) Department in Paints and Putty division with designation of Chemist Officer at JK White Cement Works at Gotan, Rajasthan, India

CHARACTERIZATION TECHNIQUES

Transmission Electron Microscopy (TEM), UV-VIS Spectrophotometer QUV Accelerated Weathering Tester Machine, Scanning Electron Microscopy (SEM), X-ray diffraction, Fourier

Transform IR Spectroscopy, UV-Visible spectroscopy. Viscometry, Universal Testing Machine Particle Size Analyzer.

PARTICIPATION

Member of ASTRO CLUB for 3 years of Graduation (2019-2022)

I have participated in one day Symposium on "Nanomaterials and application (NMA- 2024)"

ACHIEVEMENTS

I am a fellow student of Innovation in Science Pursuit for Inspired Research (INSPIRE) Program.

I have won 2nd rank in chemistry quiz competition in 2019 at graduation college.

SKILLS

Languages: Marathi, Hindi, English

Synthesis Techniques: Chemical Reduction, Photo-chemical Irradiation, Sol-gel Method, Electrochemical Synthesis, Hydrothermal & Solvothermal Synthesis, Some Green Synthesis Methods

Tools: MS Office MS Office: MS Word: MS Power Point MS Excel: MS Access & MS Visio Chemdraw

Industry Knowledge: Paints and Putty at JK White Cement Industry

Others: Sport Participation, Organising & Planning, Resource Finder, Listening Skill & Decision, Reliability & Punctuality, Ability to Work Under Pressure.

EXTRACURRICULAR ACTIVITIES

Reading, fitness, environment, exploring cultures, travelling, academic clubs, foreign language learning, public speaking, sports.

HOBBIES

Gym, listening music, dancing, watching movies, swimming

