

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

Department: Civil Engineering

## Faculty Profile



Name- Rutuja Nikhil Bachhav

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| Qualification :   | B.E. Civil  |
| Designation :   | Lecturer  |
| Date of Joining :   | 20 June 2016  |
| Experience :  | 8-Years   |
| Teaching/research Areas :   | Civil Engineering   |
| Courses / Subjects Involved With :  | <ol style="list-style-type: none"><li>1. Public Health Engineering(PHE-22504)</li><li>2. Building Construction(BCO-22304)</li><li>3. Environmental Studies(EST-22447)</li><li>4. Construction Material(CMA-22204)</li><li>5. Geotechnical Engineering (GTE-22404)</li><li>6. Estimating &amp; Costing(EAC-22503)</li><li>7. Theory of Structure(TOS-22402)</li><li>8. Mechanics of Structure(MOS-22303)</li><li>9. Water resource Engineering(WRE-22501)</li><li>10. Management</li><li>11. Construction Management</li></ol> |
| Staff training/FDP attended in last 3 years                                       | <ol style="list-style-type: none"><li>1. Innovation, Research and IPR-Journey towards Excellence-2022-23</li><li>2. Advancement in Concrete Technology and Emerging Trends in Construction-2022-23</li><li>3. Outcome based curriculum development, NITTR, Chandigarh-2023-24</li><li>4. Geology and soil mechanics, NPTEL-AICTE-2023-24</li><li>5. E-Tendering and GST-2023-24</li></ol>   |
| Participation in MSBTE activities ( RAC/DC/Theory/PR Exam/Curriculum development) | <ol style="list-style-type: none"><li>1. RAC Additional Officer in charge</li><li>2. MSBTE Manual Preparation</li><li>3. Internal/External Examiner</li><li>4. Supervisor</li><li>5. RAC Examiner</li><li>6. RAC Moderator</li><li>7. Quality Checker –RAC</li><li>8. Stationary Supervisor- RAC</li></ol>  |
| List of Projects guided at diploma level last 3 years                             | <ol style="list-style-type: none"><li>1. Capacity Assessment of reservoir of Khokad lake.</li></ol>   |
| Role and responsibilities at institute level                                      | <ol style="list-style-type: none"><li>1. Vishakha Committee member</li><li>2. Research Committee member</li><li>3. Admission Campaigning Region member</li><li>4. Gathering Committee member</li></ol>  |

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| Role and responsibilities at department level | <ol style="list-style-type: none"> <li>1. Time Table Coordinator</li> <li>2. Mentor Scheme Coordinator</li> <li>3. Dept. Placement Coordinator</li> <li>4. Internal exam Duties member</li> <li>5. Lab-in charge</li> <li>6. Industrial Visit Organized</li> <li>7. Expert Talk Organized</li> <li>8. NBA Criterion coordinator</li> </ol> |
| Major achievements in last 5 years            | Registration of design patent of Digital Density Bucket for aggregate.   |
| Professional membership if any                | <ol style="list-style-type: none"> <li>1. Life member of quality forum of India</li> <li>2. ISTE Membership</li> </ol>   |
| Additional information                        | NPTEL Certified courses completed  |