

1. Personal Information

- **Name:** Prajakta Premsing Jadhav
- **Position:** Assistant Professor
- **Institute:** Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded, Maharashtra
- **Department:** Civil Engineering
- **Contact Information:** ppjadhav@sngs.ac.in



2. Educational Background

Exam	Institute	University/ Board	% Marks	Year of passing	Remark
Ph.D- Water Resource Engineering	Sardar Vallbhbhai National Institute of Technology (NIT), Surat	SVNIT	9.51 CGPA in Course Work		Pursuing
M. Tech-Water Resource Engineering	Sardar Vallbhbhai National Institute of Technology (NIT), Surat	SVNIT	7.90 CGPA	2019	First class with distinction
B. Tech-Civil	Sardar Patel College of Engineering (SPCE), Mumbai	Mumbai	7.73 CGPA	2017	First class with distinction

3. Research Interests

- **Areas of Expertise:** Water resources systems modeling, Groundwater Engineering Remote sensing and GIS, Soft computing techniques in Water Resources Engineering, Climate change modelling, Structural Engineering.

4. Teaching Experience

University/ College	Designation	Period of Service
Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri, Nanded	Assistant Professor	4 October 2023 to till date
G H Rasoni College of Engineering and Management, Nagpur	Assistant Professor	8 July 2019 to 10 January 2020
Sardar Vallbhbhai National Institute of Technology (NIT), Surat	Research Scholar	22 July 2020 to 3 October 2023

5. Courses Taught:

- **UG:** Reinforced Cement Concrete, Concrete Technology, Water Resources Engineering, Surveying and Geomatics, Strength of Materials, Engineering Mechanics, Engineering Geology
- **PG:** Environmental Impact Assessment, River Basin Organization, Water Works Engineering

6. Publications and Presentations

- Jadhav, P., Manekar, V. L., & Patel, J. N. (2021, December). Spatiotemporal Land Use Land Cover Change Impacts on Groundwater Table in Surat District, India, *Water Resources and Coastal Engineering* (pp. 101-112). Springer Nature.
- Jadhav, P., Manekar, V. L., & Patel, J. N (2022, December). Groundwater level forecasting model using ANN technique, *International Conference on Hydraulics and Water Resources, (HYDRO 2022 INTERNATIONAL) at Punjab Engineering College Chandigarh,*
- Jadhav P. Manekar V. L. and Patel J. N., "Groundwater potential zone mapping using Artificial Intelligence Techniques for Surat district, India." *International Groundwater Conference (IGWC 2025)* in NIH Roorkee from March 5-7, 2025.
- Bhagat C., Gadekar M., Sanap K., Bhoi A. and Jadhav P., "Fluoride Contamination and Associated Health Risk across Maharashtra, India." *International Groundwater Conference (IGWC 2025)* in NIH Roorkee from March 5-7, 2025.

7. Professional Experience

- **Administrative Roles:**
 1. Hostel warden
 2. Institute coordinator for Institution Innovation Council (IIC).

8. Professional Memberships

1. Indian Society for Hydraulics (ISH): Lifetime membership

9. Miscellaneous

- One day workshop on Innovation and the Startup Ecosystem for Early-stage Entrepreneurs.
- Three days workshop for placement training