

PREETI SAHU

Location -: Hinjewadi Pune

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CAREER OBJECTIVE

To achieve a challenging position in civil engineering company, where acquired skills will be utilized towards continued growth and advancement.

ACADEMIC QUALIFICATIONS

S.No.	Education Level	Board/ University	Year of Passing	Percentage /CGPA
1)	M. Tech (Structural Engg.)	Chhattisgarh Swami Vivekanand Technical University, Bhilai	2017	70.3%
2)	B. Tech. (Civil Engg.)	CSVTU, Bhilai	2013	70.16%
3)	Intermediate	CBSE	2009	56.7%
4)	High School	CBSE	2007	78.8%

TECHNICAL SKILLS

- AutoCAD (2D-Plan, Elevation, Section)
- STAAD-Pro (Modeling, Analysis & Design of structures)
- Etabs (Modeling, Analysis & Design of structure)
- REVIT (3D-modeling & Detailing)
- RCDC (Designing & Detailing of slab, beam, column & footing)

PROFESSIONAL EXPERIENCES

UNIQUE CIVIL - PUNE | Feb 2022 – Till Date

Structural Design Intern

- RCC Structural analysis & design for 25+ Live projects.
- Structures were designed, Interpreted, Conceptualized in **STAAD.Pro & ETABS**.
 - Analysis and Design of Beam, Column, Shear wall wind and seismic (static and dynamic).
 - Dynamic analysis using **response spectrum, P- Delta** analysis & **Time history** analysis, **Pushover** analysis.
 - Analysis and Design of Foundation by using **Staad.foundation & Csi SAFE**
- **REVIT Architecture** 3D Modeling
 - 3D detailing of beam, column, slab, footing in **REVIT Structure**.
- Manual design Check of **Structural design** with the help of **MS-Excel**.
 - Design of Beam, Column, Slab, Footing, Shear Wall, Staircase etc.

SANJEEV KASLIWAL & ASSOCIATES| 2020-2021

Jr. Structural Design Engineer

- Structural Designing in **seismic zone II** and G+4 buildings on **STAAD Pro**.
- Preparation of detailed designs and drawings in AutoCAD.

RCT PVT Bhilai | Apr 2017 – Dec 2019

Civil Engineer

- Planning, Drawing, Elevation of residential, commercial buildings.
- Anticipated preparation of proposals, 50+ cost estimates, budgets and schedules. Drafted 2500+ AutoCAD drawing for the site projects.

YUGANTAR INSTITUTE OF TECHNOLOGY | June 2013 – Sept 2015

Assistant Professor

- Teaching and Lectureship.

ACADEMIC PROJECTS

M.TECH PROJECT| May 2017 - Sept 2017| - Behavioral & Comparative analysis of concrete repaired with epoxy resin.

B.E PROJECT | Dec 2012 - March 2013|- Experimental Study on Design of flexible pavement.

DESIGN CODES

- **IS 456-2000**
- IS 13920-2016
- **IS 1893 (Part I) 2016**
- **IS 875-2015 (Part I to V)**
- Sp-16 Design Aid for RCC
- Sp-34 Concrete Reinforcement & Detailing

STRENGTHS

- Good Interpersonal communication skills & Research & Analysis.
- Responsible, Energetic, Dedicated, Self-motivated with pro-active to work.
- Client management.
- Capable of defining the leading assignments.

PERSONAL DETAILS

Date of Birth : 15-Apr-1992

Languages Known : Hindi, English

Permanent Address : Nehru Nagar Bhilai (C.G)- 490020

DECLARATION

I hereby declare that information furnished above is true to the best of my knowledge.

Date:

PREETI SAHU

Place: