

CURRICULUM VITAE



Gaurav Sanjay Patil

M.Tech.(Structure Engineering)

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patilgaurav344@gmail.com

ABOUT MYSELF

- Hard working and consistent
- Honest

KEY SKILLS

- Seismic analysis & design of steel & concrete structures
- Good hands on Limit State Design (SLS, ULS)
- Good hands on Steel connections, Base plate & Foundation design
- Good hands on developing excel spread-sheets
- FEM analysis of footing using plate element modelling in STAAD-Pro

EDUCATIONAL QUALIFICATION

Qualification Level	Year	Percentage	Board/University
M.Tech (Structures)	2018 – 2020	Appeared (2 nd Year)	Sandip University, Nasik
B.E. (Civil)	2017	67.07 %	NMU, Jalgaon
H.S.C	2011	65.33 %	Nashik
S.S.C.	2009	70.00 %	Nashik

EXPERIENCE

CNSES GLOBAL, MUMBAI

From 15nd Aug 2018 to Till Date

Responsibility of Work: Trainee Engineer

Scope of Work: Analysis & Design of –

1. High Rise R.C.C. Regular and Irregular Building.
2. Oil & gas Steel Platform.
3. Industrial Shed Structure with/without gantry girder.
4. Industrial Process Piperack.

Responsibility of Work: Planning Engineer

Scope of Work : Analysis & Design of –

1. Reviewed engineering plans and design for residential projects on Auto-Cad.
2. Applied principles of structural engineering to solve engineering problem.
3. Preparation of detail estimate and bar bending schedule.
4. Preparing architectural drawings and schematic designs based on project requirements; studying and assessing drawings, plans, specifications and other documents relating to construction projects.
5. Site supervision.

DESIGN CODES & STANDARED WORKED UPON

Good Hands on following Design Codes –

1. IS 456: 2000 – Plain & Reinforced Concrete
2. IS 800: 2007 – General Construction in Steel
3. IS 875: 1987 (Part 1) – Design Loads for Dead Load
4. IS 875: 1987 (Part 2) – Design Loads for Imposed Load
5. IS 875: 2015 (Part 3) – Design Loads for Wind
6. IS 1893: 2016 (Part 1) – Design Loads for Earthquake (General Building)
7. IS 1893: 2015 (Part 4) – Design Loads for Earthquake (Industrial Structures)
8. ASCE 7-05 – Minimum Design Loads for Buildings and Other Structures
9. AISC 360-16 – Specification for Structural Steel Buildings
10. PIP (Process Industry Practices) STC01015 – Structural Design Criteria

SOFTWARE'S SKILL

1. STAAD.Pro (Bentley Certified Course)
2. STAAD RCDC
3. AUTOCAD
4. MS-Excel
5. MS-OFFICE
6. REVIT

PROJECT UNDERTAKING

M.Tech Dissertation Title - Seismic Analysis and Design of Multi-storey Steel Structure with Semi-Rigid Connection.

B.E Dissertation Title – Expanded Polystyrene Mortar Blocks

PERSONAL INFORMATION

Date of Birth	10/02/1994
Blood Group	O+
Sex	Male
Marital Status	Single
Nationality	Indian
Permanent Address	House no. 67, Sudarshan Colony, GTO stop, Deopur, Dhule 424001
Languages Known	English, Hindi & Marathi

HOBBIES

Playing indoor & outdoor games, travelling to new places, learning new things

DECLARATION

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

Yours truly

Gaurav Sanjay Patil