

# VAIBHAV TYAGI



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Date of Birth: January 31, 1996  
Gender: Male  
Father's Name: Mr. Brij Bhushan Tyagi  
Mother's Name: Mrs. Suchitra Tyagi  
Nationality: Indian  
Address: 819/32 Rampuri Muzaffarnagar  
Uttar Pradesh (251002)- India

## LANGUAGE

- English
- Hindi

## APPLICATION

- Microsoft Office: Word, Excel, PowerPoint (2016)
- Staad Pro (Vi8, Connect)
- AutoCAD
- Etabs (2016, 2017, 2018)
- RCDC
- Revit
- Python
- SQL Server
- MS Project (2016)
- SAP 2000(2021) (Beginner)
- Tekla (2020) (Beginner)
- Safe (2016) [Beginner]

## DECLARATION

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

## SUMMARY

A high performing employee who has considerable experience on designing a commercial, residential and industrial building. Vaibhav Tyagi possesses a strong desire to work on exciting and diverse projects that really make a difference to people's lives. He is committed to providing a high-quality service delivery to every client and project he works on and is currently looking for employment in an open friendly and professional environment where ideas are shared, and opportunities seized.

## WORK EXPERIENCE

### ECP-RK..... (10-2017 - Present) Structure Engineer

- Work on design of RCC and Steel framed Structure according to given architectural drawing.
- Doing calculation of wind load, seismic load, dead load, live load as per Codes IS 875 Part 1,2,3,4,5, IS 1893(2002,2016), IS 875 Part 3(2015/1987).
- Detailing of earthquake resistance buildings IS 13920 (1993/2016) and for design of RCC structures IS 456:2000, SP:34 1987, SP 16:1980.
- For design of steel structures IS 800:2007(LSM), and hand book SP 38:1987
- After analysis and design the structure drawing is preparing in AutoCAD.
- I have done a one major steel bridge for water pipe line (90m in length and 30m in Height).
- RCC framed structure work by me upto G+12 whether basement or stilt.
- In Steel framed structure I work on like Water tank platform, foot over bridge, PEB.
- Design of footing, column, beam and slab by RCDC software and manually by preparing excel sheet
- Coordinate with clients and team member.
- Analysis of R.C.C and steel Framed Structure is done using Staad Pro and Etabs.
- Preparation of Project Report of the project, Bar Bending schedule (BBS) and Quantity of Material using Excel sheet.
- Closely Working with Experienced Design Engineers, draughtsman and architect.
- Sometime site visit is there as per client discussion.

## EDUCATION

### Bachelor of Technology (Civil Engineering) ..... (07-2013 - 06-2017)

*Uttarakhand Technical University*

Completed graduation in civil engineering from College of Engineering Roorkee (COER), Roorkee affiliated from Uttarakhand Technical University, Dehradun with 75.5%

### Higher Secondary ..... (03-2012 - 05-2013)

*S.D Public School (C.B.S.E)*

Completed Higher Secondary School from S.D School, Muzaffarnagar affiliated from C.B.S.E with 74.2%

### Secondary School.....(03-2010 - 06-2011)

*S.D Public School (C.B.S.E)*

Completed Secondary School from S.D School, Muzaffarnagar affiliated from C.B.S.E with 6.8 CGPA.