

# Geetika Jain

## Structural Engineer

### Contact

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### Languages

- Hindi 
- English 
- Spanish 

### Software

- Staad Pro 
- Autodesk Robot 
- MS Office 
- ETABS 
- AutoCAD 
- Open Tower 

### Skills

- IS Code
- Eurocode
- Documentation
- Team Coordination

### Summary

- *Enthusiastic structural engineer eager to contribute to team success through hard work, attention to detail and excellent organizational skills.*
- *Clear understanding of design & analysis of steel structures and complexities and training in Pre/Post processing of structural models.*
- *Motivated to learn, grow and excel in Design Industry.*

### Education

- **M-Tech (Structural Engg.)**  
*Gautam Buddha University, Uttar Pradesh (2015 - 2017)*
- **B-Tech (Civil Engg.)**  
*Hindustan College of Science & Technology, Uttar Pradesh (2011 - 2015)*

### Experience

**INDUS TOWERS LTD : 04/2019 – Present (3+ years)**

**Designation : Senior Design Engineer**

*Worked closely on design and analysis of telecom towers, design excel preparation & design checking, team coordination. Innovative technical project ideas for advance functioning. Drawing checking and documentation as per project specifications. Foundation preparation and BOM calculation.*

*Reverse engineering on existing telecom towers and rephrasing with different strengthening solutions.*

*Modelling and checking existing condition of buildings of Roof top based sites including designing and analysis by performing reverse engineering and recommending strengthening activities as per the requirement.*

**SAFE TOWERS PVT. LTD: 03/2018 – 04/2019**

**Designation : Engineer (Design Department)**

*Worked closely on design and analysis of telecom structures- towers, monopoles, cell on wheel, guyed mast, hoardings, tower foundations (design excel preparation and checking) and team coordination. Drawing checking and documentation as per project specifications.*

*Designing and analysis of various telecom structures by using softwares Staad Pro & Open Tower and their respective footing (Isolated, pile & raft) and foundation drawing preparation in AutoCad and BOQ preparation as per Indian Standard Codes. Team alignment and client handling.*

**COWI INDIA PVT. LTD (Training on live project): 11/2017 – 02/2018**

**Designation : Trainee Engineer**

*Worked closely on modelling and post processing of structural models, reinforcement design calculations, RC drawing preparations and documentation as per project specifications.*

**King Abdul Aziz Road Project (KAAR) at Mecca.**

- *Mosque Station: FEM Modelling, load calculations, stability check, reinforcement drawings and documents preparation (detailed design of Base Slab Intermediate slab, Concourse slab, internal structures).*

**ACEL – Adharshilla Civil Engg. Lab Pvt. Ltd : 01/2017 – 11/2017**

**Designation : Structural Designer**

*Modelling of multi-storey building 'Utkrisht Rajyog Sabhagrih, Nepal'. Post processing of developed structure using STAAD Pro and designing of building, footing and water tank as per Indian Standard Codes. Material testing (cement, fine and coarse aggregate), cubes preparation as per client requirement for rcc strength testing.*