

# Design of Tall Buildings

By CivilSimplified

## Testimonials

"Fun and enriching experience. Highly Interactive and Informative lectures. Hardworking and friendly team. Best part is that these people would never get fed up of students asking for the same thing again and again but would rather clear the doubts with patience which is a true proof of their dedication and love for their work. Thank u all for coming. Had an Amazing time. Cheers! :)"

- Shalini, IIST Trivandrum



*"The practical approach of the workshop is sure to make engineering look interesting and simple"*

## Highlights of the Workshop

- This workshop helps you learn technical skills through hands-on learning activities.
- The program is designed to take the participants through the technical concepts involved in Civil Engineering
- The participants would work hands-on on analyzing and designing a tall building using the CAD based software.
- With the help of various case studies, the participants would be made to understand the implication of tall building design in real world
- The participants would be exposed to the approach towards tall building design and the corresponding level of evaluation with increase in complexity of a structure.
- Group discussions to encourage innovation
- Career guidance, Counseling and an opportunity to interact with experts
- Interview tips to face interviews with confidence
- Certificate from Civil Simplified issued to all participants

## Who should attend?

Anyone who is

- A Civil Engineering aspirant
- Willing to take up Civil Engineering projects
- Looking for career in Civil Engineering
- Willing to pursue higher studies in Civil Engineering

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An Initiative of Graduates from IIT Kanpur

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The lecture was interesting as it gave us the complete knowledge about the design aspects of tall buildings and also we got a lot of innovative ideas about how to use the SAP software and frankly being a participant in this workshop, is the luckiest part as i guess and i wish many more such workshops should be conducted!

– Gouthami, Andhra University



## Course Content

- Introduction to tall building systems
- Theory of load resisting systems
- Industrial approach to projects
- Understanding the different load acting on a structure.
- Wind force calculations using Indian Standard Code
- Case studies from real industry for better understanding the design of Tall building
- Modeling and analyzing the structure on CAD based software.
- Designing the various structural components to create a safe Tall structure in CAD based Software.
- Live Demonstration and practical examples
- Evaluation of different problem statements.

## Benefits to Participants

- Improved job opportunities in Civil Engineering sector
- Develop good understanding of tall buildings
- Better chances to pursue higher education in IITs/Universities abroad
- Can use this experience to develop good B.Tech/M.Tech projects
- Post-workshop material and references for detailed information on topic
- Opportunity to interact with experts to discuss career options

## Workshop Details

- 2 day workshop – includes lecture, case studies, discussions, demonstration
- **Cost: Rs. 1190/-** per participant
- Cost includes training material



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