

Structural and Foundation Analysis

A 15 days program on Structural and Foundation Analysis

Designed & Conceptualized by

Course Benefits

- GO 4 TECH Summer Training cum Internship Program 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 program involves theoretical sessions, problem solving sessions, design sessions, practical sessions and case studies.
- Each module involves design, development, testing and an online examination at the end.
- Content developed by IITians

Structure of the Workshop

- Structural and Foundation Analysis
 - Bridge Design
 - Structural and Seismic Analysis of Tall Building
 - Soil Foundation Analysis

Course Content

Structural and Foundation Analysis

- Introduction to Structural Engineering
- Analysis of different types of structural elements
- Static analysis and Dynamic analysis of buildings
- Load calculations for Dead, Live, Earthquake and Wind according to IS Codes
- Theory of vertical load resisting systems and horizontal load resisting systems
- Types of existing bridges and bridge design techniques
- Structural response to different types of moving loads
- Introduction to Soil Foundation
- Analysis of different soil foundations.
- Study of Acceleration history graphs of earthquakes

Highlights of the Workshop

- There will be a 5hrs session each day for each program
- Each session shall involve an interactive theory class or solving case studies or hands-on practical session on CAD based software
- Complete course will start from basics so neither in depth knowledge in Civil Engineering nor familiarity with any software is expected
- Good multimedia content to help students grasp the content easily
- Daily based assignments and group discussions
- Summer Training and Internship Certificate to all those who successfully complete the program
- Practical knowledge gained from the program will help them to take up B.tech/M.tech projects easily

Robotics | Ethical Hacking | Projects | Educational Trainings | Animation | Automobile

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Certification:

- Certificate of Participation to all the participants
 - With Online Examination Scores for those who qualify
 - Without Online Examination Scores for those who donot qualify
- Certificate of Merit to top-performing participants (only for Bridge Workshop)
 - The names of the winners will be put up on our **Participant Awards** page permanently

Awards:

The following awards will be given to top-performing participants in Bridge Workshop

- Best Design Award
- Best Fabrication Award
- Innovation Award

Who should attend?

- Any Civil Engineering aspirant
- Looking for career in Civil Engineering
- Willing to pursue higher studies in Civil Engineering

NOTE: Kit will be given in a team of 4 students



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Training Fees & Discounts

Basic Fees

RS.6900 per participant

(Inclusive all taxes)

Discounted Fees for Groups

Rs.6700 per participant

(2-3 participant group)

Rs.6500 per participant

(4-5 participant Group)

Rs. 6300 per participant

(6+ participant Group)

Already having Workshop Certification From GO 4 TECH?

Get Up to 10% Discount instantly!!!

Rs. 6200 per participant

(Inclusive all taxes)

Contact Us

We ensure that you will find our training programs extremely beneficial for your students. If you have any queries kindly get back to us. We are looking forward to a quick and positive response from you and a long term association with your esteemed organization.

Thanks & Regards,

Ravi Upadhyay

Marketing Manager

Winter Internship Program (WIP) 2015

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