

Bridge Design, Tall Structures and GIS Technology Program

A 7 days program on Bridge Design , Tall Structures And GIS Technology Program TM

Designed & Conceptualized by



Bridge Design

Training Courseware

- Different types of bridges existing
- Structural Response of bridges to different types of moving loads
- Load calculation in various truss using CAD model
- Fabrication of the bridge and testing for the maximum load taken to measure efficiency

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- Case studies for better understanding of Bridge Design concepts
- Modeling/analysis of sample bridges
- Bridge design issues arising during practical sessions
- Live demonstration and examples of Bridge Design

Training Highlights

- Introduction to Bridge Design through interactive lecture sessions with good multimedia content
- Hands-on practical session on CAD based Bridge Design, Fabrication and Testing
- Bridge model is self-fabricated and tested model by each team
- Exposure to current industry methods used in bridge design
- Discussion about implementing the knowledge gained to develop good B.Tech/M.Tech Project
- Career guidance & Counseling

GIS Tecnology

Geographic Information System (GIS) technology has predominantly changed how our world is analyzed and modeled. Be it small businesses, multinational companies, agriculture-based companies, educational institutions, or maps guiding a lost individual- GIS finds application in many areas. The rapid growth rate of data poses huge challenge to its interpretation. GIS provides an easy and more efficient way to interpret geospatial data – to create a topographic map with elevation, angles and other features. The Applications of GIS workshop exposes the participants to the concepts and applications of GIS in use for multiple disciplines. Participants will learn to create, edit, visualize, and analyze geospatial information and apply this learning to work on a vast range of projects where GIS technology is used.

Training Courseware

- Exposure to different types of GIS projects carried out in present day industry
- The program involves theoretical sessions, problem solving sessions, design sessions, practical sessions and case studies
- This workshop helps participants learn technical skills through hands-on learning activities

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- The program is designed to take the participants through the technical concepts involved in Civil Engineering
- Discussion on projects making .

Topic Coverd

- Map Terminology
- Remote Sensing Concepts
- Raster Data Representation
- Vector Data Representation
- Data Analysis
- Introduction to GPS
- GIS Applications
- GIS Project Design and Management

Exercises On :

- GIS Architecture
- Exploring GIS Concepts
- Working with Arc Catalog, Arc/Info Workstation, Arc Map and Arc Toolbox
- Conversion of CAD files to different formats
- Explore spatial data formats
- Importing projection system from other layers
- Creation of Attributes, Editing Attribute data
- Map Composition

TM

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Tall Structure

Training Courseware

- Brief Lecture on Introduction to tall building
 - Industrial approach to projects
 - Site office coordination case studies
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- Modeling, Analysis and Design issues arising during practical Sessions
- Live Demonstration and practical examples
- Cad – Based Analysis on Practical approach to tall Building.
- Modal Analysis by using Balsa – Wood and exercising their Load Resisting capability.
- Supplier list/Industrial projects employed at site.
- Group discussions and presentations.

Training Fees & Discounts

Basic Fees

RS.3500 per participant
(Inclusive all taxes)

Discounted Fees for Groups

Rs.3000 per participant
(2-3 participant group)

Rs.2700 per participant
(4-5 participant Group)

Already having Workshop Certification from GO 4 TECH?

Get Up to 10% Discount instantly!!!

Rs. 2700 per participant
(Inclusive all taxes)

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

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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,

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Winter Internship Program (WIP) 2015

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