



INDIAN INSTITUTE OF TECHNOLOGY INDORE
3-Day Short Course on
Recent Advances in Geotechnical and Structural Engineering
March 8th to 10th, 2018

Course Objectives

The geotechnical engineering and structural engineering profession is seeing rapid changes and advances. The professionals need to update themselves about these changes and advances. This will help them in adopting the techniques for the projects being handled by them in various capacities.

The purpose of this short course is to enhance the knowledge of faculty members and field engineers about recent advances in geotechnical and structural engineering. At the end of the program, the participants are expected to have a deep understanding of latest techniques being employed worldwide in construction activities.

Participants

The course is designed for

- Civil Engineers, in particular Geotechnical and Structural engineers engaged in design and execution of structures.
- Senior professionals responsible for directing these activities.
- Faculty in Structural and Geotechnical Engineering.
- Research scholars and graduate students

Course Contents

- Building information modelling
- Building material characterization & testing
- Earthquake resistant design of buildings
- Geotechnical investigations for infrastructure projects.
- Ground improvement techniques
- Liquefaction hazard assessment
- Modelling for soil structure interaction.
- Non destructive techniques
- Precast and prefabricated construction
- Recent updates on IS design codes
- Site specific ground response analysis & estimation of local site effects
- Steel concrete composite construction

Course Faculty

The course will be conducted by following faculty members of Civil Engineering Discipline of IIT Indore

- Dr. Sandeep Chaudhary
- Dr. Neelima Satyam
- Dr. Lalit Borana

Some eminent speakers in Geotechnical and Structural Engineering from other Institutes and Industry will also deliver the technical lectures during the short course.

Certificate

Participants who successfully complete the course will be awarded a certificate.

Venue

The course will be conducted at IIT Indore premises at Simrol, Indore.

Accommodation

Accommodation can be arranged in the IIT campus based on first come first serve on payment basis.

Registration

The course fee is Rs. 5,000/- (Five Thousand Only) per participant for professionals and Rs. 4,000 (Four Thousand Only) for students.

Registration fee includes course material, tea & working lunches. The fee is payable in advance by a crossed draft in favor of *IIT Indore*, payable at Indore.

The completed registration form should reach at the below mentioned address latest by March 01, 2018.

Contact Person

Mr. Gourav Vyas

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INDIAN INSTITUTE OF TECHNOLOGY INDORE

Registration form for the Short Course on

Recent Advances in Geotechnical and Structural Engineering

March 8th to 10th, 2018

Name of the Person:

Designation:

Academic Qualification:

Name of Institution / Organization:

Address for Communication:

Phone:

Email:

Demand Draft Details: To be paid in favor of "IIT Indore"

Amount

DD No.

Date

Drawn on (Bank)

Payable at Indore

Place:

Date:

Signature

Approval / Permission from Institution

I/We approve the above application as a participant for the above short course, which is being organized by IIT Indore, Indore on 8th to 10th March, 2018.

Authorized Signatory