Registration Form

Name:
Mr./Ms./Dr.....

Designation: .....

Organization: …….....

Phone:.....

Address for Communication:

.....

.....

E-mail:.....

Fax:.....

D.D Details:
I enclose herewith Demand

D.D. no.....

dated..... for

Rs..... payable to IIT

Indore.

Note: D.D/Cheque must be returned to the coordinator

Date: Signature

Registration Fee

The course fee is Rs. 6,000/- (Six thousand only) per participant for professionals and Rs. 4,500 (Four thousand five hundred only) for students. Registration fee includes course material, tea & working lunches. The fee is payable in advance by a crossed draft in favour of IIT Indore, payable at Indore.

Accommodation can be arranged on first come first serve basis in the campus and hotels. Accommodation charges are not included in the registration fee.

MODE OF PAYMENT: Through DD drawn in favour of "Registrar, IIT Indore" payable at Indore, or through online payment/bank transfer (Bank: State Bank of India; Branch: Khandwa Road, Indore; Account Number: 31702151577; IFS Code: SBIN0011779)

Address for Correspondence

Dr. Neelima Satyam (Coordinator)

Associate Professor & Head

Discipline of Civil Engineering

Indian Institute of Technology Indore

Indore, Madhya Pradesh

Ph: + 91-7014635494/ +91-8817109170
Email: outreach.ce@iiti.ac.in

Short Course on GEOTECHNICAL ASPECTS OF EARTHQUAKE ENGINEERING

(Sponsored by TEQIP III)

26th - 28 th December 2019

Organized By

Discipline of Civil Engineering
Indian Institute of Technology Indore
Indore, M.P.

About Course

India has experienced the most disastrous earthquake like Assam (M=8.7), Kaogra 1905 (M=8.6), Bihar-Nepal 1934 (M=8.4), Assam-Tibet 195(M=8.7), Uttarkashi 1991 (M=6.5), Latur 1993 (M=6.4), Jabalpur 1997 (M=6.0), Chamoli 1993 (M=6.8), Bhuj 201 (M=7.6), Kashmir 2005 (M=7.4) and Sikkim 2011 (M=6.9), Kashmir 2015 (M=5.7), Bharatpur 2015 (M=7.3), Tripura 2017 (M=5.7), North-east 2018 (M=5.5), Mirpur 2019- (M=4.7), Jhelum Punjab 2019 (M=5.6) in the recent past

The large and rapidly growing urban seismic risk, particularly in development countries like India is a problem that needs to be quickly solved. Urbanization s rapidly increasing in every city in India. Huge infrastructure developmental plans have been laid in all these cities which are demanding trained structural engineers/consultants in a large number. It is observed that large concentration of damage in specific areas during an earthquake is due to site dependent factors related to surface geological conditions and local soil altering seismic motion. To reduce the gap and transfer the knowledge many workshops, seminars, sort courses and technical lectures were conducted by IIT Indore, t bring the awareness amongst the professional engineers.

The course is designed to have a broader review on the various aspects of Geotechnical Engineering interlinked with Earthquake Engineering. Each of these lectures during this short course addresses specific issues from the beginning to end (from engineering seismology to Earthquake resistant design). The course lectures cover both fundamentals and applications including hands-on experience in seismic design of sub-structures.

About IIT Indore

IIT Indore located at Simrol, Khandwa Road, Madhya Pradesh, is one of the eight new Indian Institutes of Technology (IIT) established by the Ministry of Human Resource Development (MHRD), Government of India in 2008-09. Recently IIT Indore makes its debut with a rank of 351-400 in the Times Higher Education World University Rankings 2019. For more details visit: www.iiti.ac.in

About Discipline of Civil Engineering

The Discipline of Civil Engineering was started in 2016. The faculty members of the Discipline are well equipped to conduct high-quality research programs in various fields of civil engineering, also engaged in interdisciplinary research activities. Department committed towards high quality research. Interested people are encouraged to contact the concerned faculty for collaborative research. The department is actively engaged in organizing various research activities. More details can be found at: www.ce.iiti.ac.in

Important Dates

Last Date for receiving filled registration: December 10, 2019

Notification of acceptance: December 12, 2019

Who Should Participate?

This short course is planned for design and construction engineers, project managers, faculty members, research scholar and students

Course Faculty

Dr. Neelima Satyam D (Course Coordinator)
Associate Professor & Head
Discipline of Civil Engineering, IIT Indore

The speakers from academia and industry will also share their knowledge and experience in the field of geotechnical earthquake engineering.

Lecture Topic

Day 1:

Lecture-1: Overview of Earthquake Engineering

Lecture-2: Dynamic Soil Properties

Lecture-3: Geotechnical Testing Methods

Tutorial 1: Demo on Geophysical Testing

Day 2:

Lecture – 4 : Seismic Hazard Analysis

Lecture 5: Ground Response Analysis

Lecture- 6: Local Site Effect

Tutorial 2: Detailed Ground Response Analysis

Daye 3:

Lecture-7: Liquefaction Hazard Assessment

Lecture-8: Seismic Design of shallow and Deep Foundation.

Lecture-9: Seismic Design of Retaining Walls

Tutorial 3: Assessment of Liquefaction Potential.

INDIAN INSTITUTE OF TECHNOLOGY INDORE

Registration form for the Short Course

Geotechnical Aspects of Earthquake Engineering

December 26-28, 2019

Name of the Person: …….

Designation: …….

Academic Qualification: …….

Name of Institution / Organization: …….

Address for Communication: …….

Phone: …….

Email: …….

Payment mode: [ ] Demand Draft [ ] Online Payment

Payment Details:

Demand Draft /UTR No. …… Date: ……

Name of Bank. …… Branch ……

Demand Draft Details: To be paid in favour of "The Registrar, IIT Indore" amount 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 National Seminar, which is being organized by IIT Indore, Indore on 26th to 28th December 2019.

Authorized Signatory