

Refresher Course on EARTHQUAKE RESISTANT DESIGN OF BUILDINGS

Starting from 26th August 2017

Venue : PHD Chamber of Commerce & Industry, PHD House, 4/2 Siri Institutional Area, August Kranti Marg, New Delhi 110016

Time : 09:00 AM to 01:15PM; Tea Break (11:00 am to 11:15 am)

Duration : Total Lecture Hours : 28 (14 lectures of 2 Hours each)

Course Coordinator– Mr. S. C. Mehrotra*

Lecture No.	TOPICS	TENTATIVE FACULTY(subject to their confirmation)	DATE
Lecture 1 09 AM to 11:00 AM	Understanding Dynamics, Free vibration (Frequencies and Mode Shapes)	Dr Vasant Matsagar, <i>Associate Professor, IIT Delhi</i>	26 th August 2017
Lecture 2 11:15 AM to 01:15 PM	Forced Vibration – response to Dynamic Loading : Harmonic Loading & earthquake Loading	Dr Vasant Matsagar, <i>Associate Professor, IIT Delhi</i>	26 th August 2017
Lecture 3 09 AM to 11:00 AM	Concepts of Equivalent Static Method, Dynamic Analysis by Response Spectrum Method and Time History Method	Dr D K Paul*, <i>Retd. Professor, IIT Roorkee</i>	02 September 2017
Lecture 4 11:15 AM to 01:15 PM	Impact of IS 1893 (Part 1) – 2016 and IS 13920 – 2016 on Geo-technical Aspects including Liquefaction Potential	Prof Mahesh Tandon*, <i>Managing Director, Tandon Consultants Pvt Ltd</i>	02 September 2017
Lecture 5 09 AM to 11:00 AM	Salient Features of Latest IS 1893 (Part 1) – 2016 Code	Mr Vipul Ahuja, <i>CEO & Director, Ahuja Consultants Pvt Ltd</i>	09 September 2017
Lecture 6 11:15 AM to 01:15 PM	Salient Features of Latest IS 13920 – 2016 Code	Ms. Alpa Sheth*, <i>Managing Director VMS Consultants Pvt Ltd</i>	09 September 2017
Lecture 7 09 AM to 11:00 AM	Principal and Methodologies of Earthquake Resistant Design	Dr. Yogendra Singh*, <i>Professor & HOD, EQ Engg. Department, IIT Roorkee</i>	16 th September 2017
Lecture 8 11:15 AM to 01:15 PM	Performance Based Seismic Design of Structures	Dr. Yogendra Singh*, <i>Professor & HOD, EQ Engg. Department, IIT Roorkee</i>	16 th September 2017
Lecture 9 09:00AM to 11:00 AM	Modelling, Analysis & Design, of a Building as per IS 1893 (Part 1):2016 & IS 13920 – 2016 using a software.	Mr. S. C. Mehrotra* & Mr. Gyanendra Sharma Mehro Consultants	23 rd September 2017
Lecture 10 11:15 AM to 01:15 PM	Modelling, Analysis & Design, of a Tall Building as per IS 1893 (Part 1):2016 & IS 13920 – 2016 using another softwares.	Mr. S. C. Mehrotra* & Mr. Gyanendra Sharma Mehro Consultants	23 rd September 2017
Lecture 11 09 AM to 11:00 PM	Clarifications to Questions Regarding IS 1893 (Part 1) :2016 and IS 13920 : 2016 (Part 1)	Prof C. V. R. Murty*, <i>Director, IIT Jodhpur</i>	7 th October 2017
Lecture 12 11:15AM to 01:15 PM	Clarifications to Questions Regarding IS 1893 (Part 1) :2016 and IS 13920 : 2016 (Part 2)	Prof C. V. R. Murty*, <i>Director, IIT Jodhpur</i>	7 th October 2017
Lecture 13 09 AM to 11:00AM	Use of different softwares		14th October 2017
Lecture 14 11:15AM to 01:15 PM	Special Topics & Discussions		14th October 2017

* - Member of the IS 1893 Codal Committee.

REGISTRATION FORM

**Refresher Course on
“Earthquake Resistant Design of Buildings”
Starting from 26th August 2017**

Venue: PHD Chamber of Commerce & Industry, PHD House, 4/2 Siri Institutional Area, August Kranti Marg, New Delhi 110016

Name:.....

Designation

Organisation.....

Address

.....

City.....Country.....Pin Code.....

Phone

Mobile.....

Fax

E-mail.....

Signature

REGISTRATION FEE

- IAStructE Members - Rs 7,500/-
- Others - Rs 10,000/-

(Three or more delegates from same organization can avail 10 % discount on registration fee)

MODE OF PAYMENT

Please find enclosed, Cheque/DD No.....Dated.....

In favor of “**Indian Association of Structural Engineers**”

Bank.....Branch.....Payable at New Delhi.

Payment can also be done by bank transfer as per particulars given below, in which case NEFT transaction particulars should be submitted to the Secretariat along with the Registration form.

Beneficiary Name: **Indian Association of Structural Engineers** | AccountNumber:**10151200388** |

Bank Name: **State Bank of India** | BranchCode:**07196** | IFSC:**SBIN0007196** | MICR:**110002034** |

Branch Address: **Flyover Market, Defence Colony, New Delhi 110024**

Reserve your seat by sending this form to the address given below along with the payment:

Indian Association of Structural Engineers

H-38, LGF, East Side Entrance, Near Eros Cinema, Jangpura Extension, New Delhi 110014

For more information please contact:

Mr Vikas Verma (Manager)

IAStructE Secretariat

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