

# *Faculty Development Program*

on

## *Earthquake Resistant Design of Structures*

*(8<sup>th</sup>-12<sup>th</sup> Dec 2017)*

### **Department of Civil Engineering**

*Day 1: 8<sup>th</sup> December, 2017 (Friday)*

Timing	Session	Speakers	Topic
09:00 AM -10:00 AM	Registration & Welcome Refreshment		
10:00AM -10:30 AM	Welcome to Chief Guest & Dignitaries, Lamp Lighting, Saraswati Vandana		
10:30AM - 12:00 AM	Session: 1	Dr. T.K. Dutta (IIT Delhi)	Key Note Address
12:00AM - 1:30 PM	Session: 2	Dr. Virendra Kumar (NIT Jamshedpur)	Fire Performance of Earthquake Damaged R.C Structures
1:30PM - 2:30 PM	Lunch		
2:30PM - 4:30 PM	Session: 3	Dr. R.N. Dubey (IIT Roorkee)	Structural Dynamics

*Day 2: 9<sup>th</sup> December, 2017 (Saturday)*

Timing	Session	Speakers	Topic
10:00 AM -11:30 AM	Session: 1	Dr. R.N. Dubey (IIT Roorkee)	Performance of Buildings during past Earthquakes
11:30AM - 12:00 AM	Tea		
12:00AM - 1:30 AM	Session: 2	Dr. Amjad Masood (AMU)	Earthquake Resistant Masonry Design
1:30AM - 2:30 PM	Lunch		
2:30PM - 4:30 PM	Session: 3	Dr. Sabih Akhtar (AMU)	Earthquake Resistant Ductile Design

*Day 3: 10<sup>th</sup> December, 2017 (Sunday)*

<b>Timing</b>	<b>Session</b>	<b>Speakers</b>	<b>Topic</b>
10:00 AM -11:30 AM	Session: 1	Dr. Shilpa Pal (GBU)	Seismic Analysis on Dams and Land Slides
11:30AM - 12:00 AM	Tea		
12:00 AM - 1:30 AM	Session: 2	Dr. Mehtab Alam (Jamia Millia Islamia)	After Shock Effect on Structures
1:30AM - 2:30 PM	Lunch		
2:30 PM - 4:30 PM	Session: 3	Dr. Jagdish Prasad (IIT Roorkee)	Ductility Issues on Structures

*Day 4: 11<sup>th</sup> December, 2017 (Monday)*

<b>Timing</b>	<b>Session</b>	<b>Speakers</b>	<b>Topic</b>
10:00 AM -11:30 AM	Session: 1	Dr. B.K. Singh (GNIOT)	Health Monitoring of Structures
11:30AM - 12:00 AM	Tea		
12:00AM - 1:30 AM	Session: 2	Mr. Mayank Sharma (Optimum Design Consultants)	Performance based Design of Structures
1:30AM - 2:30 PM	Lunch		
2:30PM - 4:30 PM	Session: 3	Dr. Chandan Ghosh (NIDM, MHA)	Retro fitting of Structures.

*Day 5: 12<sup>th</sup> December, 2017 (Tuesday)*

<b>Timing</b>	<b>Session</b>	<b>Speakers</b>	<b>Topic</b>
10:00 AM -11:30AM	Session: 1	Dr. Sandeep Chaudhary (IIT Indore)	Earthquake Design of Pre- Cast Structures
11:30AM - 12:00 AM	Tea		
12:00AM - 1:30AM	Session: 2	Er. S.C. Mehrotra (MD Mehro Consultants)	Impact of Revised earth quake code IS:1893 Part- 1(2016) and IS: 13920 (2016)
1:30AM - 2:30 PM	Lunch		
2:30PM - 4:30 PM	Valedictory and Certificate Distribution		