

## Reg. Information

Faculty and Research Scholars from engineering colleges, who wish to improve their research horizons in the field of Design of Earthquake Resistant Structures, can attend this workshop.

**Registration Fees: 1500 INR**

### General Information

- ❖ The number of participants is limited to 30.
- ❖ Course material, software and tools will be made available.
- ❖ Tea and Snacks will be provided.
- ❖ Conveyance and accommodation has to be arranged by the participants.
- ❖ **Registration Deadline: 7<sup>th</sup> Dec'17**

### Conveners

- ❖ Dr. B K Singh, HOD-CE

### Co-Convenor

Prof. R K Tewatia, Professor-CE

### Coordinators

- ❖ Prof. Brahmpal, Professor-CE
- ❖ Mr. Anupam Sharma, Faculty-CE
- ❖ Mr. Subhash Patel, Faculty-CE
- ❖ Ms. Swati Verma, Faculty-CE
- ❖ Mr. Shubham, Faculty-CE
- ❖ Mr. Arvind Kumar, Faculty-CE
- ❖ Mr. Rahul Garg, Faculty-CE

### Technical Committee

- ❖ Dr. Sudhir Kumar, HOD-ME
- ❖ Dr. Rajdev Tiwari, Dean CS,IT & MCA
- ❖ Dr. Shelly Garg, Dean-EC & EE
- ❖ Dr. B.S. Chauhan, Dean (1st Year)
- ❖ Dr. Ram Veer Singh, HOD -IT

## Members

### Chief Patrons

- ❖ Dr. Vinay Kumar Pathak, VC, AKTU
- ❖ Shri B.L. Gupta, Chairman, GNIOT
- ❖ Shri Rajesh Gupta, Vice Chairman, GNIOT

### Patrons

- ❖ Dr. Rohit Garg, Director, GNIOT
- ❖ Dr. Vinay Goel, Dean Academic, GNIOT

### Keynote Speaker & Chief Guest

- ❖ Prof. T.K. Dutta, IIT Delhi

### Speakers

- ❖ Prof. Jagdish Prasad, IIT Roorkee
- ❖ Dr. R.N. Dubey, IIT Roorkee
- ❖ Dr. Sandeep Chaudhary, IIT Indore
- ❖ Dr. Shilpa Pal, GBU
- ❖ Dr. Chandan Ghosh, NIDM (MHA)
- ❖ Er. S C Mehrotra, MD Mehro consultancy
- ❖ Prof. Mehtab Alam, JMI Delhi
- ❖ Dr. B K Singh, Gniot
- ❖ Dr. Amjad Masood, AMU
- ❖ Dr. Sabih Akhtar, AMU
- ❖ Dr. Virendra Kumar, NIT Jamshedpur
- ❖ Er. Mayank Sharma, Optimum Design Consultants

## Faculty Development Program

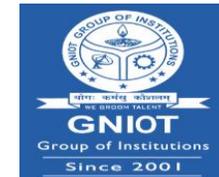
*A National Level  
Faculty Development Program  
On  
Earthquake Resistant Design of  
Structures*

**8<sup>th</sup> Dec –12<sup>th</sup> Dec 2017**

**Sponsored by**



**Organized by**



**Department of Civil Engineering**

Greater Noida Institute of Technology,  
Plot 7, KP-II, Greater Noida, G.B. Nagar –  
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(Affiliated to Dr. APJ AKTU)

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## About GNIOT



Established in the year 2001, GNIOT group of institutions has become one of the leading institutions for Management and Engineering programs worldwide. The founders are some of the best minds from the corporate and academic worlds. In their perspective, the changing business landscape requires young leaders to have understanding of developing economies and global practices. Assets of GNIOT:

- ❖ Total Students/Seats: 5232
- ❖ Programs: B.Tech./M.Tech./MCA
- ❖ Branches/Streams: CS/IT/EC/EE/ME/CE
- ❖ Other Institutions in Group:  
GNCT/GNIT-CM/GNIT-MBA/GNWSchool

## About the Department

Department of Civil Engineering established in 2008 in GNIOT. The department is growing strong with strong team of faculty members with well experience & expertise in different domain. The pass out students of the department are performing extremely well in almost-all the leading organization and making the name of the department brighter. The Department offers both B.Tech. & M.Tech Regular Programs.

## About the FDP

Earthquakes are most unpredictable and devastating of all natural disasters. It can't be predicted in advance. Sixty percent Indian territory is susceptible to earthquake disaster. Most of the structures in India are non-engineered. Human casualties and economic loss can be minimize by adopting appropriate seismic design and good construction practices.

In light of recently revised earthquake codes IS: 1893 and IS: 13920, it is necessary to develop the faculty members to meet the challenges of earthquake resistant design of structures and also to retrofit the existing structures. The lectures will be delivered by eminent professors from IITs, NITs, AMU, GBU, JMI and other institute of repute along with industry experts.

## Course Content

FDP will focus on the following areas:

- ❖ Effect of revision of IS: 1893-2016, IS: 13920-2016
- ❖ Engineering Seismology
- ❖ Structural Dynamics and seismic analysis
- ❖ Building seismic performance and retrofitting
- ❖ Earthquake resistant masonry, precast and R.C. design
- ❖ Health monitoring of structures
- ❖ Ductility of structures
- ❖ Fire performance of Earthquake damaged R.C. structures
- ❖ Performance based design

## Registration Form

### Five Days National FDP on Earthquake Resistant Design of Structures

**8<sup>th</sup> Dec –12<sup>th</sup> Dec, 2017**

Name: .....

Designation:.....

Organization:.....

Official Address:.....

.....

Mobile:.....

E-Mail:.....

**Signature**

**Date:**