

## ABOUT THE FDP

Earthquakes are unavoidable hazard on earth. The number of natural disasters has risen dramatically in the past two decades. The community can protect itself from earthquake disasters by adopting and enforcing a building code with appropriate seismic design and construction. The demand of high rise buildings due to scarce cost of land in metro cities is increasing day by day. The robust and stable structural design under high seismic zone/wind condition is the challenge of structural Engineering.

This FDP is aimed to elaborate the procedure of design practices that should be followed for design of high rises under stringent seismic and wind conditions and also provide a forum for members of the research and academic community, to interact on cutting-edge and ground-breaking topics in seismology, structural dynamics, earthquake resistant design, retrofitting measures etc.

The discussion on the revised codal provisions of IS 1893, IS 875 and IS 13920 will be done by the speakers with its impact on the modelling and analysis of structures.

## RESOURCE PERSONS

Faculty members from reputed institutions like IITs, NITs and experts from industry.

## FDP CONTENT

- Engineering Seismology
- Structural Dynamics
- Soil Structure interaction
- Earthquake resistant design and detailing
- Building seismic performance and retrofitting
- Base Isolation of Structures
- Disaster management & Mitigation
- Performance Based Design of Structures
- Wind Resistant Design of Tall Buildings

## GENERAL INFORMATION

- The number of seats is limited.
- Course material will be made available.
- Tea, snacks and lunch will be provided.
- Conveyance and accommodation has to be borne by the participants.

## REGISTRATION INFORMATION

Faculty members and Research Scholars from engineering colleges/polytechnics who wish to improve their research horizons in the field of Design of Earthquake Resistant Structures can register for this FDP.

Kindly send the scanned copy of filled form at [indracivil1191@gmail.com](mailto:indracivil1191@gmail.com), [supriya8788@gmail.com](mailto:supriya8788@gmail.com). Also submit the form in original at the time of registration for FDP.

## REGISTRATION FORM

### TEQIP III Sponsored One Week FDP On EARTHQUAKE RESISTANT DESIGN OF STRUCTURES

Organized by CED, DTU

27<sup>th</sup> to 31<sup>st</sup> May 2019

Name: .....

Designation: .....

Organisation: .....

Professional Field: .....

Mailing Address: .....

.....

E mail Address: .....

Mobile No. ....

Signature: ..... Dated: .....

### RECOMMENDATION

The application is hereby recommended and applicant is permitted to attend the workshop.

Signature of the Head of the Department /  
Organisation

## ABOUT THE UNIVERISTY

Delhi Technological University (formerly Delhi College of Engineering) is a key node in national and global knowledge network, thus empowering India with the wings of knowledge and power of innovation. Established in 1941 by Government of India, erstwhile DCE now DTU is one of the premier Institution of Engineering and Technology education in India. It has played unique and important roles in the advancement of Technical education in the country.

## ABOUT THE DEPARTMENT

The Department of Civil Engineering has seen considerable growth since its inception. The vision of the Department is to produce technologically relevant Civil Engineering graduates /post graduates / researcher through globally acceptable curriculum in a teaching -learning environment. The overall aim is to create new knowledge, innovation with the support of qualified and inspired faculty and having a strong interface with the industry and R&D organizations. The Department offers UG/PG (Structural Engineering, Geo-technical Engineering and Hydraulics Engineering) and Ph.D. programmes. Department also offering B. Tech. (Evening) with an intake of 60 students. Project and industrial training is an integral part of the curriculum and are carried out in formal areas of Civil Engineering. Department has well equipped laboratories

### Chief Patron

Prof. Yogesh Singh, Vice Chancellor

### Patron

Prof. S.K. Garg  
Pro-Vice Chancellor - I

### Chairman

Prof. Nirendra Dev  
HOD, Civil Engineering Department

### Course Coordinators

Dr. Shilpa Pal  
Dr. T. Vijaya Kumar  
Dr. Ritu Raj

### Organizing Committee

Prof. Alok Verma  
Dr. S. Anbu Kumar  
Dr. Munendra Kumar  
Dr. P.K.Goyal  
Mr. Hrishikesh Dubey

### Venue

Seminar Hall, Department of Civil Engineering

### IMPORTANT DATES

Last date of Registration : 20<sup>th</sup> May 2019  
Intimation of Confirmation: 21<sup>st</sup> May 2019

### FOR ANY QUERIES CONTACT

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## TEQIP III SPONSORED

## ONE WEEK FACULTY DEVELOPMENT PROGRAMME

On

## Earthquake Resistant Design of Structures



27<sup>th</sup> May –31<sup>st</sup> May 2019

Organized by



DEPARTMENT OF CIVIL ENGINEERING  
DELHI TECHNOLOGICAL UNIVERSITY  
BAWANA ROAD, SHAHBAD, DAULATPURA,  
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