

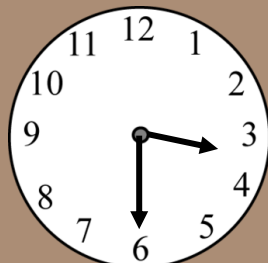
Webinar 111

Codal provisions and Modelling for Linear and Nonlinear Analysis

by

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Webinar Convener: Jayant Kulkarni
Moderator: Arvind Parulekar
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Review of Codal provisions and Modelling for Linear and Nonlinear Analysis

The methods of analysis for estimating seismic response of buildings, have evolved significantly, over the past few decades. The initial versions of Indian seismic codes were based on a seismic coefficient method, further evolving into dynamic analysis using response spectrum method which is being extensively used now in practice. Lately, performance-based design, requiring a detailed nonlinear analysis of the building is becoming a requirement due to complexity of buildings. The reliability of any analysis procedure, whether linear or nonlinear, depends on the accuracy of the model.

This webinar is aimed to give a detailed understanding of the modelling required for different types of analysis, with finer points, including the common pit-falls, in linear and non-linear modelling.

It is also tailored to the 'NEEDS OF PRACTICING STRUCTURAL DESIGNERS', at the same time it will be equally useful for academics, researchers and students.

Registration Fees:

Rs. 350/- including GST

Who should attend: Corporate Consultants, Practicing Structural Engineers, Govt/Semi Govt Authorities, Faculties from Engineering Colleges & P G Students and also senior officials from Corporate Contracting Firms

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