Workshop on

Modelling and Simulation in OpenSEES and GiD Software

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Date: 12/05/2014 to 16/05/2014 (5-days)

Time: 10:00 am.

Venue: Computer Room, Shed-3, IIT Gandhinagar

Target group: Faculty Members & PG Students of Civil Engg.

Register At: www.iitgn.ac.in/kn

Deadline: 10 May 2014

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OpenSEES (Open System for Earthquake Engineering Simulations) is an open source software developed at Pacific Earthquake Engineering Research Centre for research in areas of Structural and Geotechnical Earthquake Engineering. This software has wide range of material models, elements and solution algorithms. Following problems can be dealt with in this software:- *Geotechnical Earthquake Engineering*: Simulating a Centrifuge Test, Laterally-Loaded Pile Foundation, 2D Total Stress Site Response Analysis of a Layered Soil Column, Dynamic Effective Stress Analysis of a Slope, etc. and *Structural Engineering*: Infill Wall Model and Element Removal, Pushover and Dynamic Analysis of 2-Story Moment Frame with or without Panel Zones, etc. The workshop brings the both basic and advanced prospective of OpenSEES. For better understanding, a lot of analysis will be performed through examples.

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