

NICEE Seminar on
Earthquake Protection of Buildings in India
September 02-03, 2011 at IIIT Hyderabad
Seminar Report



Participants of the Workshop

Building construction is booming in India. Before more buildings are built in seismic zones of the country with current methods of design and construction practice, the minimum expected effort required should be understood to make the new buildings earthquake-resistant.

National Information Centre of Earthquake Engineering (NICEE@IIT Kanpur), in association with IIIT Hyderabad, therefore, organized a 2-day seminar in order to bring to fore several earthquake-safety related issues which need immediate attention such as planning, designing and constructing buildings which are seismically safe, with building professionals in the neighborhood of Hyderabad through open discussions and sharing expected performance of buildings during earthquakes and methods to achieve seismic safety, resolve questions that exist in the minds of building professionals, and chalk out a *sound technical path* towards it. Professor C. V. R. Murty of IIT Madras and Professor R. Pradeep Kumar of IIIT Hyderabad were the resource persons. The following topics were discussed during the Seminar:

- Earthquake Hazard on Buildings in India
- Damages to Buildings during Past Earthquakes
- Earthquake Behavior of Buildings
- Earthquake Analysis of Buildings
- Earthquake Design of Buildings
- Earthquake (Ductile) Detailing of Buildings
- Earthquake Strengthening of Buildings
- Earthquake Safety of Non-Structural Elements
- Earthquake Risk of Housing in India

45 participants attended the seminar; majority of them were practicing engineers. All the participants felt the need for such kind of seminars on regular basis. Overall feedback on the seminar was good. The conduct of seminar was sponsored by Nagarjuna Construction Company (NCC), Hyderabad.