

FROM THE DESK OF ADVISORY BOARD

It's heartening to see that HILTI along with CE&CR have propagated activities of Seismic Academy which expected to immensely benefit the readers.

Indian history of known earthquakes is about 150 to 200 years old, even though, more earthquakes would have taken place in India, earlier, too. Development of seismometers and other equipment associated with measurement techniques have made it possible to measure such earthquakes and suitably design structures for the same. Philosophically, when a larger intensity / magnitude earthquake takes place at a location than the one depicted in the codes of practice, the earthquake zone of the location is upgraded.

It's good to know that lot many people that includes engineers and non-engineers have understood importance of earthquake engineering. Those times have gone when occurrence of an earthquake was a rare eventuality with the onset of frequent earthquakes, smaller or larger. Most of the times, earthquake causes larger scare than when it takes place. As far as awakening is concerned, in the commercial block of the 5 star hotel Radisson, Delhi, when Nokia wanted to acquire certain floors over 20 years ago, the client asked us (structural consultants) to give a certificate that the structure has been designed as per the prevailing codes of practice.

As a matter of information, IRC (Indian Roads Congress) has published IRC:SP:114 with several updated provisions regarding seismic design of bridges that include Capacity Design Concepts, Use of Seismic Isolators, Shock Transmission Units, etc. Similarly, BIS Code IS:1893 has brought in several updated seismic provisions which are in vogue.



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