

IIT-Gandhinagar's course in seismic design

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AHMEDABAD: For the first time, Indian Institute Technology, [Gandhinagar](#) (IIT-Gn) is conducting a course on seismic design of earth and rock-fill dams. It will provide the participants with an overview of seismic design concepts and current practices for earth dams to help plan construction activities better.

It will also teach them soil dynamic testing procedures. The course aims to educate the participants about design methodology and interpretation in the seismic codes. University of California's Ahmed Elgamal and director of IIT-Gn Sudhir K Jain are conducting the course, along with two professors of the institute [Ajanta Sachan](#) and [Amit Prashant](#). The course will end on Friday.

"Earth dams are critically important. Such dams suffered major damage in Kutch during the 2001 earthquake. The technology which we use for managing earthquakes in the dams is old fashioned. To increase the understanding of the latest technologies available we have organized this course," said Jain said.

The four-day course has 32 participants, which include people from Bhabha [Atomic](#) Research Centre, and from countries like Sri Lanka and USA. The course has been organized by the IIT Gandhinagar's safety centre.