



**National Programme on Earthquake  
Engineering Education**

**Short-Term Course  
on  
SEISMIC MICROZONATION**

(March 05-10, at IIT Roorkee)

Objective of course: To learn different methodologies and approaches for seismic Microzonation of a region

Course Contents:

- Engineering Seismology
- Seismotectonic Modelling
- Seismic hazard estimation - Deterministic and Probabilistic Methods
- Soil Characterisation methods -H/V ratio method and SASW methods
- GIS techniques for seismic Microzonation
- GPS and its uses in seismic Microzonation
- Remote sensing techniques
- Local site effects
- Vulnerability assessment of existing buildings
- Seismic risk estimation

Target Trainees: Faculty of Engineering Colleges and a few Practicing Engineers.

Registration Fee: There is no registration fee for Faculty of AICTE Approved Engineering Colleges and Travel Expenses (up to AC -II) will be reimbursed.

For Practicing Engineers the registration fee is Rs. 5000.00, payable through Demand Draft in favour of Professor & Head, Continuing Education Center, Payable at Roorkee, which includes boarding and lodging expenses. Travel expenses are to be arranged by the participants, themselves.

Resource Faculty: Faculty of the Department of Earthquake Engineering, IIT Roorkee.

Application forms can be downloaded from [www.nicee.org/npeee](http://www.nicee.org/npeee). Completed application forms duly forwarded by the Head of Institutions, should reach "The Professor & Head, Continuing Education Center, IIT, Roorkee - 247667" before June 30, 2006.

*For further details, please contact:*

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