



Department of Civil Engineering  
Indian Institute of Technology Kanpur  
announces under the National Programme on Earthquake Engineering Education (NPEEE)

Short Course on  
**ARCHITECTURE FOR  
EARTHQUAKE RESISTANCE OF BUILDINGS**  
4-8 September 2006 at Sarvajanik College of Engineering & Technology, Surat

### Objective

To provide basic knowledge of earthquake resistant design concepts

### Salient Features

- Meant for teachers of architecture colleges and limited number of professional architects
- On successful completion, a certificate will be issued by the Department of Civil Engineering, IIT Kanpur

### Contents

- *Earthquake Basics*
- *Case Studies from Past Indian Earthquakes*
- *Effects of Earthquake Shaking*
- *Earthquake Resistant Design philosophy*
- *Seismic Performance of Structural systems*
- *Building Configuration*
- *Pounding and Seismic Joints*
- *Non-Structural Design Elements*
- *Building Bye-Laws*
- *Urban Planning*
- *Architectural and Structural Design Studios*

### Accommodation

- *Boarding and Lodging:* Boarding and lodging will be available in the Guest House on request. Professional architects may also avail this facility on payment basis subject to availability.

### Principal Course Faculty

Professor C. V. R. Murty, IIT Kanpur  
Professor Persi Engineer, SCET, Surat  
Ar. Amit Bose, Designers & Planners Combine,  
New Delhi

### Eligibility

- Teachers of colleges and polytechnics of architecture. Preference will be given to those teachers who are involved in teaching structural design concepts to students of architecture

### Course Fee

- *Architecture college teachers:* The National Programme on Earthquake Engineering Education (NPEEE), an MHRD (GoI) initiative, will cover the fee for full-time teachers of recognized colleges of architecture. NPEEE will also cover their travel (by up to 3-tier AC Class on train) and boarding/lodging. Colleges are to treat the applicant to be on duty during the period of the course.
- *Professionals Architects:* The fee for professional architects is Rs.7,500 per candidate payable in full in advance. The demand draft should be in the name of "Short Course on Architecture for Earthquake Resistance of Buildings, IIT Kanpur" and payable at Kanpur. The fee will cover course material, lunches and teas on 5 days of the course.

### Interested candidates may apply on prescribed application form to:

Dr. K. K. Bajpai, Senior Scientific Officer  
Department of Civil Engineering  
Indian Institute of Technology Kanpur  
Kanpur 208016  
Email: [kunwar@iitk.ac.in](mailto:kunwar@iitk.ac.in)  
Tel: (0512) 259 7859  
Fax: (0512) 259 7794





12. Earthquake Engineering Related Activities Pursued by the Applicant in Past 5 Years:  
(*in maximum 300 words*)

13. Other activities that show applicant's interest in Earthquake Engineering

*Signature of Applicant*

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**Recommendation of the Head of the College/Institute**

I hereby certify that the College/Institute nominates the applicant for the Short Course on *Architecture for Earthquake Resistance of Buildings* being conducted by the Indian Institute of Technology Kanpur under the NPEEE during 4-8 September 2006. If selected, the applicant will be treated on duty for the said period.

Date and College/Institute Seal

*Signature of Head of College/Institute*  
Name and Designation

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