



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

27 November – 01 December 2006 at Sarvajanic 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
Architect 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

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

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 at Surat by the Indian Institute of Technology Kanpur under the NPTEE during 27 November - 01 December 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
