



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

Short Course on
SEISMIC EVALUATION & STRENGTHENING OF BUILDINGS
8 – 12 August 2005 at IIT Kanpur

Objective

To provide basic knowledge of seismic evaluation & strengthening of buildings

Salient Features

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

Contents

- *Performance of buildings during past earthquakes*
- *Basics of earthquake resistance of buildings*
- *Procedure for evaluation of expected performance of a building in earthquakes (RC and Masonry Buildings)*
- *Identification of structural deficiencies*
- *Strategies for seismic strengthening*
- *IITK-GSDMA Guidelines on Seismic Evaluation and Strengthening of Buildings*

Accommodation

- *Boarding and Lodging:* Boarding and lodging will be available in the Guest House on payment basis subject to availability.

Course Faculty

Professors Durgesh C. Rai, C. V. R. Murty and Sudhir K. Jain

Eligibility

- B.E./B.Tech. degree in Civil Engineering or equivalent or higher

Course Fee

- *Engineering 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 engineering and architecture. NPEEE will also cover their travel (by up to 2nd AC Class on train) and boarding/lodging. Colleges are to treat the applicant to be on duty during the period of the course.
- *Professionals Engineers:* The fee for professional engineers is Rs.7,500 per candidate and must be paid in full in advance through a demand draft in name of "Course on Seismic Evaluation and Strengthening of Buildings, IIT Kanpur"

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



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Application Form for Teachers

1. Name: Mr. /Ms.
2. Designation:
3. Name of College/Institution:
4. Address of Applicant:
5. Phone (Office): Phone (Home):
6. Email: Fax:
7. Qualifications:

<i>Degree</i>	<i>University</i>	<i>Year</i>	<i>Specialisation</i>	<i>Marks</i>
Bachelors				
Masters				
Doctoral				

8. Theses titles (if applicable)
M.E./M.Tech.:
Ph.D.:
9. Courses taught in the past five years

10. Short courses attended in the past five years

<i>Title</i>	<i>College/Institute</i>	<i>Venue</i>

11. Conferences attended in the past five years

<i>Title</i>	<i>Organiser</i>	<i>Venue</i>

12. Earthquake Engineering Related Activities Pursued by the Applicant in Past 5 Years:
(in maximum 300 words; add additional sheet if required)

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 *Seismic Evaluation and Strengthening of Buildings* being conducted by the Indian Institute of Technology Kanpur under the NPEEE during 18 -12 August 2005. 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
