

11. Conferences attended in the past five years

12. Earthquake engineering related activities pursued by the applicant in past 5 years: (Enclose separate sheets if necessary)

13. Other activities that show interest in Earthquake Engineering (Enclose separate sheets if necessary)

Signature:

Name:

Recommendation of the Head of the Institution

Signature:

Name:

Date:

Designation:

(With Seal)

Completed application forms, with the recommendation from the Head of Institution, may be mailed to:

Professor D Roy
Department of Civil Engineering,
Indian Institute of Science,
Bangalore 560 012
Email: royd@civil.iisc.ernet.in
Phone: 080-2293 3129(Office)

Fax: 080-23600404

If you need any further information you may please contact Prof D Roy. For more general information about NPEEE, visit <http://www.nicee.org/npeee> or contact npeee@iitk.ac.in

Important Dates:

Last date for receiving applications: **2nd January 2007**
Date for Intimation of Selections: **10th January 2007**
Course commences on **1st Feb 2007**
Course ends on **30th June 2007**

**SEMESTER PROGRAM
ON
EARTHQUAKE ENGINEERING**

Feb. 1–June 30 2007

Convener
Professor D Roy
Dept. of Civil Engineering

Sponsored by

**MHRD, Government of India
National Programme on Earthquake
Engineering Education [NPEEE]**



**Department of Civil Engineering
INDIAN INSTITUTE OF SCIENCE
BANGALORE – 560012
India**

Prelude

Earthquake hazard mitigation and preparedness are the key words heard nowadays in any of the discussions on engineering curricula. Invariably the question arises as to how the engineering graduates are educated in earthquake resistant design of structures. In order to address this issue the Ministry of Human Resource Development (MHRD) Govt. of India has launched recently the National Programme on Earthquake Engineering Education (NPEEE). Its aim is to build capacity in our technical institutions particularly engineering colleges, in the subject of earthquake engineering. IISc Bangalore, one of the resource institutions participating in NPEEE, will be conducting a semester long course on earthquake engineering during the period Feb-June 2007 for engineering college teachers. The coordinator of NPEEE at IISc is Prof C S Manohar, Department of Civil Engineering (Email: manohar@civil.iisc.ernet.in)

Participants

Teachers of recognized engineering colleges are eligible to apply for the course. There is no fee for the course. Selected participants will be given all course materials, a stipend of Rs 8000/= per month, and will be provided with lodging in the Hoysala Guest House of IISc on payment basis. They will have access to the Institute library and facilities of the Department of Civil Engineering. The number of participants is limited to 15 for the course.

Objectives in detail

- To provide an in-depth exposure to the candidates to the basics of earthquake engineering and allied topics.
- To prepare candidates for taking up doctoral studies and for independent work in the field of earthquake engineering.
- To prepare candidates to emerge as resource persons to subsequently conduct teachers' training programs of the NPEEE.

About the course

The program consists of two 4:0 credit courses, two 3:0 credit courses, one 2:0 credit course and one 0:1 credit course. A 3:0 course, for instance, would have 3 hours of class room contact hours per week and a 0:1 course would have 3 hours of laboratory/project work per week. The titles of the courses are:

- Structural Dynamics in Earthquake Engineering,
- Mathematical Methods,
- Structural Design for Seismic Loads & Retrofit Methods,
- Computational Structural Mechanics, and,
- Geotechnical Earthquake Engineering.

The standard of the courses would be at the Masters level. For each course, the evaluation scheme would consist of 2/3 one-hour class tests, and one final exam of 3 hours duration. In the 0:1 course, the candidates would be evaluated based on a written project report and seminar presentation. The lectures would take place over a duration of four months. An appropriate certificate would be issued to all candidates who complete the course.

Resource Faculty

D Roy, C S Manohar, Ananth Ramaswamy, G L Sivakumar Babu and J M Chandra Kishen

Travel and Stay

Return train fare by 3-tier AC and stay on the campus of IISc on payment basis will be provided for the selected out station (non-local) participants. In addition, a stipend of Rs 8000/= will be paid to all participants to cover the food, staying and other expenses.

Venue and Time

The semester course will be held in the Centre for Continuing Education, Indian Institute of Science, Bangalore. The timings of the various lectures will be announced later and will be included in the registration material. The semester program will begin on 1st Feb 2007. The course will end on 30th June 2007.

SEMESTER PROGRAM ON EARTHQUAKE ENGINEERING

Application Form

(Note: use additional sheets wherever necessary)
Application form for teachers to participate in training programme

1. Name:
2. Designation:
3. Name of College/Institution:
4. Address:

5. Phone (Office): _____
Phone (Home): _____
6. Email: _____
7. Qualifications:

Year	Degree	Specialization	University

8. Thesis titles (if applicable)
M.E./ MTech:

Ph.D:

9. Courses taught in the past five years:

10. Short courses attended in the past five years:
