About Jodhpur

Jodhpur is the second largest city of Rajasthan and is situated at the edge of the Thar desert with Jaisalmer on its west, Barmar, Jalor and Pali on its south, Bikaner on its north, and Nagaur on the eastern side. Jodhpur was founded by the Rajput chief Rao Jodha in 1459. The city was the erstwhile capital of the Marwar state. A 10-km-long wall made of stone and built about a century after the city was founded, surrounds the old city. There are about 100 towers in the city, most of which are surrounded by defensive battlements. The city of Jodhpur has a typical desert climate, dry and hot. November and March are the best time for a journey to Jodhpur with pleasant and sunny days. Jodhpur receives 359.5 mm of rain every year, most of it during the monsoon (July/August). Maximum temperature in Jodhpur during the summers remains in the range of 40C while in the winters the minimum average temperature is 11C. The modern city of Jodhpur is also referred to as the Judicial Capital of the State as it is the main seat of The High Court of Rajasthan; Very recently, the National Law University and the Rajasthan Chapter of Indian Law Institute have been established as centers of learning legal skills and research. Jodhpur, through the National Law University, also had the unique pleasure of launching the first Judicial Academy in the State of Rajasthan.

Course Objective

To introduce the earthquake engineering concepts to teachers of polytechnic colleges in Rajasthan. These teachers typically have bachelor's degree in Civil Engineering and hence the treatment will be restricted to the concepts that can be readily assimilated and effectively implemented in the curriculum (to be revised shortly as a consequence of the workshop conducted earlier at Jodhpur).

Course Contents

- Earthquakes and ground motions
- Elements of structural dynamics
- Principles of earthquake resistance
- Design and detailing to withstand earthquake effects
- Secondary hazards due to earthquakes

Faculty

The faculty from Department of Earthquake Engineering will be involved in conducting the course. The course will be organised at Jodhpur.

Participants

This course is targetted at the teachers of polytechnic colleges who are involved in teaching diploma courses in Civil Engineering and/or Architectural Engineering. The participant should be a full-time permanent faculty member in a polytechnic college with a first-class B.E./B.Tech. in Civil Engineering or higher. The eligible participants will be entitled to free boarding and lodging at Jodhpur in addition to reimbursement of the travel expenses under the National Programme on Earthquake Engineering Education (NPEEE). For more information about the NPEEE, please visit `http://www.nicee.org/npeee/`. The applications should be submitted in the given proforma. The total number of participants is limited to 30.

Acommodation

The participants will be provided boarding and lodging facilities as per NPEEE norms.

Correspondence

The application form, duly forwarded by the head of institutions, should be addressed to:

Prof. Vinod Kumar
Coordinator
Centre for Continuing Education
Indian Institute of Technology Roorkee
Roorkee–247667. INDIA
Phone: 01332–285648/285227
Fax: 01332–285545/273560
e-mail: vinodfee@iitr.ernet.in

Important Dates

- Last date of receipt of applications at Roorkee: June 17, 2005
- Date of dispatch of offer of admission to the participants: June 21, 2005
- Acceptance of the offer of admission by the participants: July 04, 2005
- Course begins: July 18, 2005

Proforma for Application: Introduction to Earthquake Engineering

1. Name: .....
2. Designation: .....
3. Name of College/institution: .....
4. Address: .....
5. Fax: .....
6. Phone (Office): .....
7. Phone (Residence): .....
8. E-mail: .....
9. Educational Qualifications: .....
10. Thesis titles (if applicable):
    - M.E./M.Tech.: .....
    - Ph.D.: .....
11. Courses taught in last five years: .....
12. Short term courses attended in last five years: .....
13. Conferences attended in last five years: ...
14. Earthquake engineering related activities pursued by the participant in last five years: .....
15. Other activities that show interest in earthquake engineering: .....

Signature with Date
Name

Recommendation of the Head of the institution: .....

Signature with date

Name with Official Seal

Short Term Course

on

Introduction to Earthquake Engineering
(July 18–22, 2005)

Sponsored by: National Programme on Earthquake Engineering Education
(http://www.nicee.org/npeee)

Course Coordinator
Dr. Manish Shrikhande

Organized by

Department of Earthquake Engineering

and

Centre for Continuing Education
Indian Institute of Technology Roorkee
Roorkee–247667. INDIA