



## NATIONAL PROGRAMME ON EARTHQUAKE ENGINEERING EDUCATION

### **NPEEE SHORT-TERM COURSE ON EARTHQUAKE ENGINEERING** *for Polytechnic teachers of U.P.*

*Objective of course:* Capacity building of polytechnic teachers to take up Earthquake Engineering teaching in Polytechnics.

*Course Contents:* Earthquakes - origin and terminology; Seismic hazard and risk, Seismic zoning; Performance of structures in past earthquakes and lessons learnt; Philosophy and concepts of earthquake resistant design, Earthquake resistant construction and detailing of RC and masonry structures; Effect of soils; Retrofitting of masonry and RC buildings.

*Target Trainees:* Polytechnic teachers from U.P.

*No. of Trainees:* 40

*Duration of Course:* One week (22<sup>nd</sup> – 27<sup>th</sup> May, 2006)

*Venue of the course:* Centre for Continuing Education, Indian Institute of Technology, Roorkee –247667.

*Eligibility Criteria:* The course is open to the teachers of Polytechnics in Uttar Pradesh. The applications should be sent to IRDT, Kanpur, U.P. The participants will be short-listed and list will be forwarded by IRDT to the course coordinator.

*Course Fee and Financial Assistance:* There is no registration fee for the course. The travel expenses of the teachers attending the Course will be reimbursed. Free boarding and lodging will be provided.

*Course coordinators:*

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| 1. Dr. Yogendra Singh<br>Assistant Professor<br>Department of Earthquake Engineering<br>IIT Roorkee, Roorkee – 247667<br>Phone: 01332-285534, Fax: 276899<br>Email: yogenfeq@iitr.ernet.in | 2. Dr. D.K. Paul<br>Professor<br>Department of Earthquake Engineering<br>IIT Roorkee, Roorkee – 247667<br>Phone: 01332-285522, Fax: 276899<br>Email: dpaulfeq@iitr.ernet.in |
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