



Department of Civil Engineering  
Indian Institute of Technology Kanpur  
Kanpur-208016

**Earthquake Engineering Review Workshop  
for Masters Students from Engineering Colleges across India  
at IIT Kanpur during 23-28 August 2004**

**Brief Report**

A week long (23-28 August 2004) Earthquake Engineering Review Workshop for Masters' students from engineering colleges across the country was inaugurated by Professor Kripa Shanker, Deputy Director, IIT Kanpur. This workshop was conducted at the National Information Centre of Earthquake Engineering (NICEE) at IIT Kanpur.

Seventy three Masters' students from 33 engineering colleges from different sates participated in this workshop. The workshop aims at providing earthquake engineering related materials to the participating students to help them to carry out quality research work in the area of earthquake engineering at their colleges. Professor Sudhir K. Jain informed the participants about the various NICEE and NPEEE activities being conducted by IIT Kanpur and relevance of such workshops in the national context. He insists on quality research work rather than quantity of research work in the area of earthquake engineering. Professor C.V.R. Murty of Civil Engineering Department welcome the participants and informed about importance of information dissemination by the NICEE. Professor Bithin Datta, Head Civil Engineering Department, IIT Kanpur briefed the participants about the ongoing activities at the civil engineering department and it's role in the national capacity building in the area of earthquake engineering. Dr. K.K. Bajpai, the wokshop Coordinator placed the vote of thanks and informed about the overwhelming response from all over India.

During the workshop, the participants had discussions with faculty members of IIT Kanpur who specialize in earthquake engineering. Visits to the state-of-the art Forced Vibration Test Facility, Structural Engineering Laboratory and video shows on past great earthquakes (copy of workshop schedule is enclosed) organized during the workshop. Demonstration of computer models was made by Mr. Hemant B. Kaushik (Ph.D. Scholar at IIT Kanpur). An earthquake engineering quiz was also organized by Mr. Hemant B. Kaushik and Mr. Ashish Narayan (Project Associate at IIT Kanpur). The quiz contained the questions starting from basic concepts of earthquakes to analysis and earthquake resistance design, current codes, etc. The participants were provided some basic study material like earthquake tips, list of journals and books in the earthquake engineering, tips about selection of thesis topic and thesis writing etc. The participants Xeroxed more than 80,000 pages of technical literature from the collections available at NICEE.

(K.K. Bajpai)  
Workshop Coordinator



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**Workshop Schedule**

*Literature Survey all through except during the following hours:*

<i>Date</i>	<i>Time</i>	<i>Activity (Venue: Pioneer Batch Continuing Education Center)</i>
23 August 2004 (Monday)	8:30 am	<b>Registration</b>
	9:30am	<b>Inauguration</b>
	11:00am	<i>Introduction of Participants</i>
	11:30am	<b>Discussions with Professor Sudhir K. Jain</b>
	2 pm	<i>Visit to NICEE Library and getting library passes</i>
24 August 2004 (Tuesday)	9am	<b>Earthquakes: How they Happen!! Discussions with Professor C.V.R. Murty</b>
	2pm	<b>Video Shows on</b> <ol style="list-style-type: none"> <li><i>The Day the Earth Shook</i> (Discovery Communications, Inc., USA)</li> <li><i>Unlocking the Mysteries of Bay Area Earthquake Faults</i> (United States Geological Survey)</li> <li><i>Seismic Design of Bridges</i> (Public Works Research Institute (PWRI), Japan)</li> </ol>
25 August 2004 (Wednesday)	9am	<u>Computer Models</u> Hemant B. Kaushik, Ph.D. Scholar
	2pm	<b>Visit to the Structural Engineering Laboratory Discussions with Dr. K. K. Bajpai</b>
26 August 2004 (Thursday)	9am	<b>Seismic Behaviour of Masonry Structures Discussions with Professor Durgesh C. Rai</b>
	2pm	<b>Video Shows on</b> <ol style="list-style-type: none"> <li><i>Great Quakes:: San Fransisco</i> (Discovery Communications, Inc., USA.)</li> <li><i>The Hidden Earth</i> (National Academy of Sciences, USA)</li> </ol>
27 August 2004 (Friday)	9am	<i>Earthquake Engineering Quiz</i> <b>(Hemant B. Kaushik and Ashish Narayan)</b>
	2pm	<b>Video Shows on</b> <ol style="list-style-type: none"> <li><i>Great Quakes:: Mexico City</i> (Discovery Communications, Inc., USA)</li> <li><i>Raging Planet :: Earthquake</i> (Discovery Communications, Inc., USA)</li> <li><i>Build a Safer Tomorrow</i> (BMPTC, New Delhi)</li> </ol>
28 August 2004 (Saturday)	9am	<i>Reimbursement of Travel Expenditure</i>
	3pm	<i>Closing Ceremony</i>



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**List of Participants**

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**Group Photograph of the participants at the inauguration**



**Visit of participants to Structural Engineering Laboratory**