

Earthquake Engineering Review Workshop for Masters Students from Engineering Colleges across India at IIT Kanpur during 08-14 April 2002

About the Workshop:

After the Republic Day earthquake of 26 January 2001 in Bhuj, Gujarat, there is now considerable interest amongst the researchers in civil engineering as well as professionals associated with construction industry across the country regarding the earthquake engineering related problems. Many post-graduate students in different institutions are now pursuing Masters thesis on earthquake engineering topics. They may not have good access to literature already available in this field in their colleges.

A review workshop was organized at the National Information Center of Earthquake Engineering (NICEE) at IIT Kanpur during 08-14 April 2002. The aim of this workshop is to enable such Masters students conduct literature survey for their thesis. NICEE has excellent collection of books, journals, periodicals, reports etc. in the area of earthquake engineering. Apart from literature survey, the students demonstrated state-of-the art equipment and testing facilities related to earthquake engineering available at IIT Kanpur. Also, during the week-long workshop, a series of video shows on selected lessons from past earthquakes was organized. Moreover, the students may also use this opportunity to discuss specific problems related to their research topic with faculty members of the department of civil engineering at IIT Kanpur, who specialize in the area of earthquake engineering.

Professor Kripa Shankar, Deputy Director, IIT Kanpur inaugurated the workshop on 08 April 2002 at 9am at the Conference Room of the Pioneer Batch Continuing Education Center (Visitors' Hostel), IIT Kanpur. Professor Sudhir K. Jain, Professor and Head, Department of Civil Engineering, IIT Kanpur, and Coordinator, NICEE, presented details of the workshop. Professor C. V. R. Murty and Dr. K. K. Bajpai of the Department of Civil Engineering, IIT Kanpur were coordinating the 7-day workshop.

Inaugural Programme (08 April 2002):

- 9:00 *Welcome*
Professor C.V.R. Murty, Department of Civil Engineering, IIT Kanpur
- 9:10 *About the Workshop*
Professor Sudhir K. Jain,
Head, Department of Civil Engineering, IIT Kanpur and Coordinator, NICEE
- 9:30 *Inaugural Address*
Professor Kripa Shanker, Deputy Director, IIT Kanpur
- 9:45 *Vote of Thanks*
Dr. K. K. Bajpai, Department of Civil Engineering, IIT Kanpur
- 9:50 *Photograph*
- 10:00 *Tea*
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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>
08 April 2002	9am	Inauguration
	10:30am	Introduction of Participants
	2pm	<i>Earthquakes: How they Happen!! (C.V.R.Murty)</i>
09 April 2002	9am	Discussion with <i>Professor M. R. Madhav</i>
	2pm	Discussion with <i>Professor Sudhir K. Jain</i>
10 April 2002	9am	Discussion with <i>Professor C.V.R.Murty</i>
	2pm	Discussion with <i>Professor Durgesh C. Rai</i>
11 April 2002	9am	Video
	2pm	Computer Models with <i>Snehal V. Dekate</i>
12 April 2002	9am	Video
	2pm	Video
13 April 2002	9am	<i>Quasi-Static Testing of Retrofitted RC Subassemblage by Dr. K. K. Bajpai (Venue: the Structural Engineering Laboratory)</i>
	2pm	Video
	5pm	Visit to Kanpur City
14 April 2002	9am	Reimbursement of Travel Expenditure
	2pm	Discussion with <i>INAE Distinguished Visiting Professor Mahesh C. Tandon</i>
	3pm	Closing Ceremony

Valedictory Programme:

- 3:00 *Welcome*
Professor C.V.R. Murty, Department of Civil Engineering, IIT Kanpur
- 3:05 *The Workshop :: In retrospect*
Professor Sudhir K. Jain,
Head, Department of Civil Engineering, IIT Kanpur and Coordinator, NICEE
- 3:15 *Distribution of Certificates*
- 3:30 *Valedictory Address*
Mahesh C. Tandon,
Managing Director, Tandon Consultants Private Limited, New Delhi,
INAE Distinguished Visiting Professor, and
Chairman Advisory Committee, NICEE
- 3:50 *Vote of Thanks*
Dr. K. K. Bajpai, Department of Civil Engineering, IIT Kanpur
- 3:55 Tea

The review workshop organized by the National Information Center of Earthquake Engineering (NICEE) at IIT Kanpur during 08-14 April 2002 for Masters' students from across India has come to a successful completion today. Fifty-four students collected

literature on earthquake engineering relating to their post-graduate studies. At the concluding session today, the participating students expressed their gratitude to NICEE for extending the invitation to attend the workshop and for throwing open the vast literature available at IIT Kanpur.

The Chairman of the National Advisory Committee of NICEE, Mr. Mahesh C. Tandon (MD of Tandon Consultants Private Limited, New Delhi), urged upon the students to freely share the advantage of this facility with all teachers and friends in their colleges. Professor Sudhir K. Jain, the Coordinator of NICEE, appealed to the students to join the crusade for increasing earthquake resistant constructions in India. Mr.Tandon gave certificates of participation to all the students. Dr.K.K.Bajpai and C.V.R.Murty, the Coordinators of the Workshop, bid farewell to all the participants and wished them the very best in their studies and career.

Sponsors

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- All India Council for Technical Education (AICTE)
- Indian Institute of Technology Kanpur (IIT Kanpur)
- National Information Centre of Earthquake Engineering at IIT Kanpur

Co-Sponsors

- Indian National Academy of Engineering, New Delhi
- Tandon Consultants Private Limite, New Delhi
- Asian Development Bank-Funded Technical Assistance Project in Uttaranchal

Photos:



Group Photo of Workshop Participants



During Lecture...





Discussion with Professor Sudhir K. Jain



Lecture by Professor C.V.R. Murty
(Earthquakes: How they happens!!)



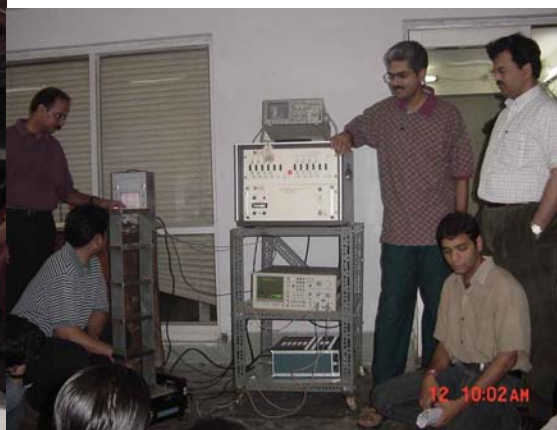
Discussion with Professor M. R. Madhav



Discussion with Professor Durgesh C. Rai



In the Structures laboratory...



Demonstrating Frame Model on Small Shake Table



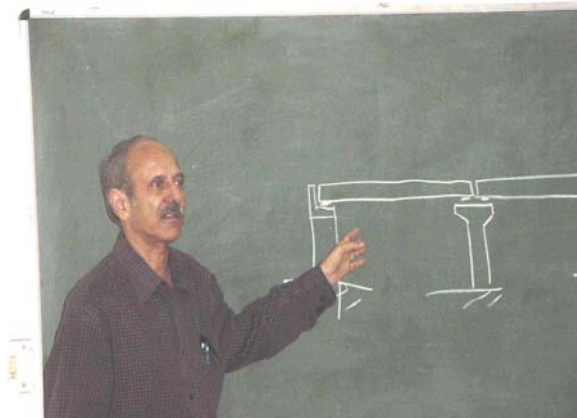
Workshop Participants in the Structures laboratory



Dr. K. K. Bajpai Explaining about NICEE Site...



Students in Professor Sudhir K. Jain Office Searching for Literature...



Discussion with Professor Mahesh C. Tandon



Workshop Certificates Distribution...



Professor Dayaratnam and Professor
Kripa Shanker



Dr. K. K. Bajpai Presenting Vote of
Thanks...During the Workshop...