NICEE Newsletter: July 2011

In this Newsletter:

NICEE Activities

- 1. Workshop for Under Graduate Architecture Students in Third Year
- 2. Literature Review Workshop for Post Graduate Students
- 3. Inter-School Quiz Competition on IITK-BMTPC Earthquake Tips 2011-12
- 4. Open House of NICEE

NICEE Recent Publications

5. Publication - Seismic Isolation for Designers and Structural Engineers

Conferences

- 6. 3rd International Workshop on Performance, Protection and Strengthening of Structures under Extreme Loading, August 30-September 01, 2011, Lugano, Switzerland
- 7. 8th International Conference on Earthquake Resistant Engineering Structures, September 7-9, 2011, Chianciano Terme, Italy
- 8. 12th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures September 20 23, 2011, Sochi, Russia
- 9. Short Course on Advances in Earthquake Engineering, October 28-29, 2011, Delhi
- 10. International Conference on Earthquake Analysis and Design of Structures, December 01-03, 2011, Coimbatore
- 11. 4th International Conference on Structural Stability and Dynamics, January 04-06, 2012, Jaipur
- 12. The International Conference on Earthquake Geotechnical Engineering, January 23 25, 2012, Luxor-Aswan, Egypt
- 13. 15th World Conference on Earthquake Engineering, September 24 28, 2012, Lisbon, Portugal

Excerpts from other Newsletters

14. Newsletter of Earthquake Engineering Research Institute (EERI), USA

Support to NICEE

15. Recent Donors to NICEE

Details:

1. Workshop for Under Graduate Architecture Students in Third Year

A workshop for Architecture students was held at IIT Kanpur during July 04 –09, 2011. The workshop was attended by 58 participants from 16 colleges from all over India in addition to Khwopa Engineering College of Nepal. The following faculty members were the resource persons of the workshop:

- (a) Prof. Keya Mitra, Bengal Engineering & Science College, Shibpur
- (b) Prof. Mahua Mukherjee, IIT Roorkee, Roorkee
- (c) Prof. Vasudha Gokhale, Dr. B.N. College of Architecture for Women, Pune
- (d) Prof. Meera Shirolkar, Dr. B.N. College of Architecture for Women, Pune
- (e) Prof. Atanu Dutta, Jorhat Engineering College, Jorhat
- (f) Prof. Kaustubh Dasgupta, IIT Guwahati, Guwahati
- (g) Ar. Sushmita De, Practicing Architect, Kolkata

The studio session was a mix of desk work and informal lectures where individual cases were also used to illustrate earthquake engineering concepts to the entire class.

The design prepared by the participants were evaluated by a team of jury consisting of the following members.

- (a) Prof. Mahesh Tandon, CMD, Tandon Consultants & Private Limited, New Delhi
 - (b) Dr. A.K. Mittal, Retired Structural Engineer from CPWD
 - (c) Ar. Balbir Verma, Former President IIA and Practicing Architect, New Delhi
 - (d) Prof. Amit Bose, DDF Consultants, New Delhi

The final grading of the design assignments was as follows.

- (a) First Mr. Anad Gopal, National Institute of Technology Patna Mr. Mayur R. Mundada, BKPS College of Architecture, Pune
- (b) Second Ms. Priyadarshini Maity, MANIT, Bhopal Mr. Bhavin Kantilal Patel, Sir J.J. College of Architecture, Mumbai
- (c) Third (1)Mr. Shivam Sohani, MANIT, Bhopal Mr. Hemant Kumar, VNIT, Nagpur
 - (2)Mr. Rishi Gaurang Vora, Academy of Architecture, Mumbai Ms. Shachi Bahl, Manipal School of Architecture & Planning, Manipal

Ms. Divita Dugar, MNIT, Jaipur

The workshop was sponsored by Computers and Structures Inc (CSI), Council of Scientific & Industrial Research (CSIR), New Delhi, and Poonam and Prabhu Goel Research Foundation Fund at IIT Kanpur.

2. Literature Review Workshop for Post Graduate Students

The Annual Workshop for post graduate students pursuing their masters or doctorate degree with thesis in earthquake engineering was held during July 07-16, 2011 at IIT Kanpur. The workshop was attended by 84 participants from 18 colleges all over India in addition to Institution of Engineering, Pulchowk, Nepal.

During the workshop, the participants had discussions with Professor Durgesh C. Rai, Professor Kaustubh Dasgupta and Dr. KK Bajpai in addition to the M.Tech and PhD students of IIT Kanpur. The participants visited the Structural Engineering Laboratory and the National Wind Tunnel Facility. The participants discussed their thesis topics

and were given useful tips to proceed with their literature survey. The participants xeroxed about 545 pages and downloaded 762 MB of data, per participant, during the workshop. The participants were divided into eight groups for a quiz on Earthquake Engineering. The team consisting of following participants stood first in the quiz.

1	Nitin Dahiya	National Institute of Technology, Kurukshetra
2	Nagesh H. E.	National Institute of Technology Warangal
3	Sukumar Behera	NIT Rourkela, Rourkela
4	Snehal Ramdas Shirbhate	Prof. Ram Meghe Inst. Of Tech. & Research Amravati
5	Amrata Diwakar	Shri G. S. Institute of Technology and Science
6	Ashlesha V. Dubey	Visvesvaraya National Institute of Technology Nagpur
7	Raj T. Rajai	Faculty of Tech. & Engineering M.S.University, Baroda
8	Rajkumar Ambalgi	M.S. Ramaiah Institute of Technology, Bangalore
9	Satyakam Pradeep Gokhale	College Of Engineering Pune
10	Rabindra Adhikari	IOE-Pulchowk Campus, Nepal
11	Yuman Shakya	IOE-Pulchowk Campus, Nepal

3. Inter-School Quiz Competition based on IITK-BMTPC Earthquake Tips 2011-12

The invite to schools for quiz competition have been sent. Members are requested to encourage the schools in their area to participate in the competition during 2011-12. A brief about the previous competitions can be viewed at http://www.nicee.org/Quiz/. Members willing to conduct the preliminary round of quiz in their city of residence may please contact: Suresh Ailawadi at Tele - 0512 – 259 7749, Fax – 0512 – 259 7794 or E-mail: asuresh@iitk.ac.in

4. Open House of NICEE

The annual Earthquake Engineering Open House of NICEE is scheduled to be held at IIT Kanpur during Dec 07 – 11, 2011. The open house is held with the aim to enable postgraduate students to conduct literature survey for their thesis related to earthquake engineering issues and interact with the faculty and professionals. The Open House also welcomes professional engineers and architects to help them familiarize themselves with enormous literature available at NICEE on design and construction of safe habitat. You can apply online for the Open House on our website http://www.nicee.org/Open_House/index.php

5. Publication - Seismic Isolation for Designers and Structural Engineers

National Information Centre of Earthquake Engineering (NICEE) has recently published "Seismic Isolation for Designers and Structural Engineers" which is authored by Trevor E. Kelly of Holmes Consulting Group, R. Ivan Skinner and Bill (W. H.) Robinson of Robinson Seismic Limited. The book provides both theory and practical

aspects of seismic isolation technique, which is an extract of more than three decades of in-hand experience on the seismic isolation systems by the authors. It contains the necessary mathematical tools and introduces the empirical methods with detailed design and documentation material of type that a structural engineer would need to implement isolation technique. The book has been nominally priced at Rs. 600/- (overseas order to add Rs. 1000/- to cover air-mail postage and handling). We have had an excellent response from NICEE fraternity. To view the contents of the book and/or order please visit http://www.nicee.org/New_Releases.htm

6. 3rd International Workshop on Performance, Protection and Strengthening of Structures under Extreme Loading, August 30-September 01, 2011, Lugano, Switzerland

3rd International Workshop on Performance, Protection and Strengthening of Structures under Extreme Loading is scheduled to be held during August 30-September 01, 2011 at Lugano, Switzerland. For further details please visit http://www.protect2011.supsi.ch/

7. 8th International Conference on Earthquake Resistant Engineering Structures, September 7-9, 2011, Chianciano Terme, Italy

8th International Conference on Earthquake Resistant Engineering Structures is scheduled to be held during September 7-9, 2011 at Chianciano Terme, Italy. For further details please visit http://www.wessex.ac.uk/11-conferences/eres-2011.html

8. 12th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures September 20 – 23, 2011, Sochi, Russia

12th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures is scheduled to be held at Sochi, Russia during September 20 – 23, 2011. For further details please visit http://www.12wcsi.com/

9. Short Course on Advances in Earthquake Engineering, October 28-29, 2011, Delhi

A short course on Advances in Earthquake Engineering is being conducted at Indian Institute of Technology Delhi during October 28-29, 2011. For further details please visit http://www.iitd.ac.in/events/Brochure-_Advances_in_Earthquake_Engineering-2011.pdf

10. International Conference on Earthquake Analysis and Design of Structures, December 01-03, 2011, Coimbatore

International Conference on Earthquake Analysis and Design of Structures is scheduled to be held during December 01-03, 2011 at Coimbatore. For further details please visit http://www.psgtech.edu/eqads2011/index.htm

11. 4th International Conference on Structural Stability and Dynamics, January 04-06, 2012, Jaipur

4th International Conference on Structural Stability and Dynamics is scheduled to be held during January 04-06, 2012 at Jaipur. For further details please visit http://www.tamu.edu/faculty/jnreddy/acml/icssd2012/

12. The International Conference on Earthquake Geotechnical Engineering, January 23 – 25, 2012, Luxor-Aswan, Egypt

The International Conference on Earthquake Geotechnical Engineering is scheduled to be held at Luxor-Aswan, Egypt during January 23 – 25, 2012. For further details please contact Prof. Mohamed A. Sakr, Conference Chairman at mamsakr@yahoo.com

13. 15th World Conference on Earthquake Engineering, September 24 – 28, 2012, Lisbon, Portugal

15th World Conference on Earthquake Engineering is scheduled to be held at Lisbon, Portugal during September 24 – 28, 2012. For further details please visit http://www.15wcee.org/

14. Newsletter of Earthquake Engineering Research Institute (EERI), USA

The July 2011 issue of the *EERI Newsletter* is now available online at:

http://www.eeri.org/site/news/newsletter

Following are selected contents of the Newsletter:

Page

- 1: Learning from Earthquakes: Update on Japan Reconnaissance
- 1: GEO-CAN Assessment of Christchurch
- 2: Hayward Fault Scenario 2010 Update
- 3: Update on Christchurch Earthquake Swarm
- 6: 4th UniQ-UB/MCEER Haiti Seminar Series
- 6: NEEShub Tools available

Alerts

5: Call for Papers: Conference in India

15. Recent Donors to NICEE

NICEE thanks the recent donors for their generous contribution:

Rs. 4,00,000/- and above M/s Computers & Structures Inc-India (CSI-India), New Delhi