



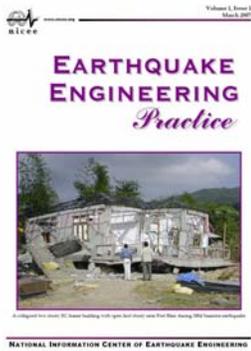
National Information Centre of Earthquake Engineering

Indian Institute of Technology Kanpur

www.nicee.org

Annual Report

April 2006 – March 2007



New Periodical Launched

In line with its commitment to dissemination of knowledge and information sharing, in March 2007, NICEE launched a new periodical, *Earthquake Engineering Practice*, to bring current research and state-of-the-art in earthquake engineering to engineers in developing countries. The periodical consists of already published articles of wide interest to the professionals, academicians and researchers. NICEE is grateful to Earthquake Engineering Research Institute, USA (www.eeri.org) and New Zealand Society for Earthquake Engineering, Inc.,

New Zealand (www.nzsee.org.nz) for readily agreeing to permit inclusion of articles already published in their esteemed journals. The periodical has been made available for worldwide dissemination (except in USA and Canada). It is provided free of cost to individuals and at a nominal price to libraries and organizations. Subscription to *Earthquake Engineering Practice* can be made at www.nicee.org/EEP.php. The periodical is being financially supported through contributions from Computers & Structures, Inc (India) and Earthquake Engineering Research Institute (EERI), USA.

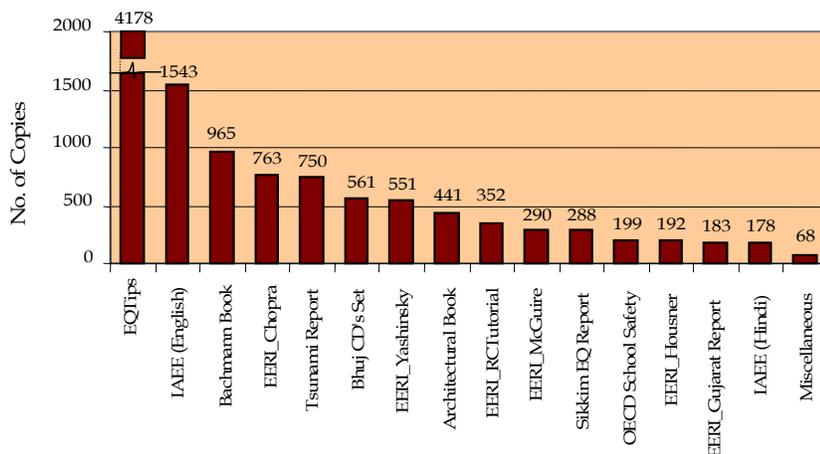
Preface

The National Information Centre of Earthquake Engineering has completed another productive year, with the support of well wishers and donors, both organizational and individual. NICEE continues to identify and acquire useful resources for wide dissemination to all those interested in earthquake safety. The product range has been substantially enlarged this year through the introduction of several distance learning products that have been very well received by NICEE users. The NICEE user base has seen an encouraging increase and the website has been extremely busy with an ever increasing number of visitors. NICEE remains committed to empowering professionals and members of the public in the seismic safety agenda, through information sharing. We bring you this Annual Report 2006-2007 to update you on our efforts this past year, and our achievements at the National Information Centre of Earthquake Engineering. All suggestions are welcome.

Dissemination

Publications continue to be disseminated on request and this has seen a steady increase in the past few years. Website access has seen a steady increase as well and this has been accompanied by increasing volume of material being downloaded from the website, clearly demonstrating NICEE's role in information sharing.

Distribution of Publications during 2006-2007



NICEE Stall in 8NCEE at San Francisco: D Hopkins, S Brzev, S K Jain, S Sanval, CVR Murty.

Wider Reach through Stalls in Conferences

NICEE is committed to reaching earthquake safety issues to the widest possible audience. To reach out to a larger population, NICEE exhibition stalls were set up in several cities in India, such as Mumbai, New Delhi, Kolkata, Bangalore, Ahmedabad, Surat, Chandigarh and Guwahati and in San Francisco (U.S.A) during earthquake engineering and related conferences.

Translations into Indian Languages

Earthquake Tips, NICEE's hugely popular publication aimed at bringing the fundamentals of earthquake safety to a wide audience is being translated into Telugu, Hindi and Marathi. The Hindi translation of Earthquake Tips has been undertaken by Vigyan Prasar, New Delhi and some of the Tips are already available in Hindi at NICEE website. The Oriya translation of IAEE Guidelines by Radhikesh Nanda, KIIT, Bhubaneswar and Dhanada Kanta Mishra, JITM, Parlakhemundi has just been published.

New Procurements by NICEE

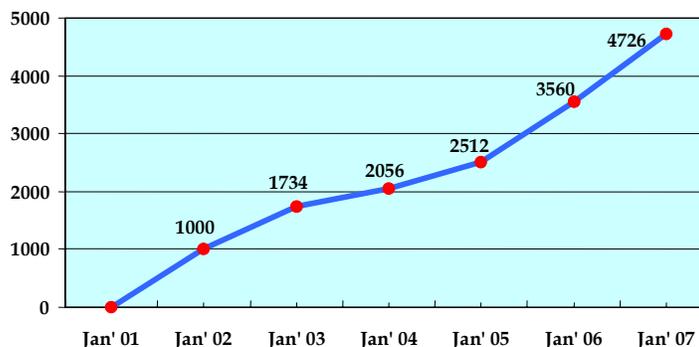
During the year, NICEE purchased 39 new publications sourced from all over the world for its library at an expenditure of around Rs. 2.66 lakhs (~US\$ 6,500). A detailed list of books acquired is available on the web site.

Concession to Students

Special concessions have been extended on bulk orders from students to ensure maximum penetration and reach of NICEE products.

Steady increase in NICEE community

The number of subscribers to NICEE has recorded a steady growth with more than 1,000 new subscribers added to the list during the year. The number of subscribers stands at nearly 5,000 as on March 2007.



Thrust on Outreach to Professionals of Tomorrow

NICEE has been conducting an annual one week intensive literature survey workshop for the past six years for post-graduate students. The workshop is meant to assist students to carry out literature survey for their thesis. It includes visits to libraries and faculty offices, discussions with IITK faculty, video shows on earthquake engineering and an Earthquake Engineering Quiz. The students are provided travel and boarding for the workshop. This year too, there was an overwhelming response to the workshop and sixty two students selected from one hundred and two applicants attended the workshop held in August 2006.

Best Thesis Award

Rohit Y Thawre of VNIT Nagpur was awarded the Best Thesis Award for 2003 Literature Review Workshop along with a cash prize of Rs. 5,000 (~US\$ 125) for his thesis titled "Seismic Analysis of Multistoried Buildings with TMD-Direct Integration Approach." His thesis supervisor was Prof. O. R. Jaiswal.



NICEE Financials

NICEE receives no budget from any sources and operates entirely on projects, sales of its products, and donations. It continues to enjoy the strong endorsement and support of its users, as seen through their financial contributions. NICEE received a total of Rs 11.5 lakh (~US\$ 29,000) from 113 donors during the fiscal year. The median donation was Rs 2,000/- (US\$ 50) while the average donation was about Rs 10,000 (US\$ 250); a large contribution of Rs 5.0 lakh (~US\$ 12,500) from Computers & Structures, Inc. (India) helped improve the average donation substantially. NICEE sold 3450 number of products totaling an income of Rs 9.2 lakhs (US\$ 23,000). NICEE was able to maintain its growth by means of donations and income generated but it still needs to strengthen its financial position by widening its resource base. For this NICEE seeks continued support of its existing patrons and fresh support from new users and well-wishers.

New Distance Learning Products Launched During 2006-07

NICEE introduced several distance learning products during the year to bring the earthquake engineering knowledge base to its users through audio-video lecture series and e-courses in easy-to-grasp formats in tune with the needs of users. This series has proved to be extremely popular. The products released during the year include:

Audio - Video Lectures on CD

- Concept of Earthquake Design by S. K. Jain
- Seismic Retrofit Techniques for Masonry Buildings - An Overview by S. N. Brzev
- Buildings on Rollers - Use of Passive Control Devices for Seismic Protection of Structures by S. N. Brzev
- Seismic Design & Retrofit of Nonstructural Building Components by S. N. Brzev
- Building Performance in Boumerdes (Algeria) Earthquake of 21 May 2003 by S. N. Brzev
- The History of Earthquake Engineering from an International Perspective by R. Reitherman
- Structure & Architecture, Architecture & Earthquakes by A.W. Charleson
- Seismic Hazard and Its Quantification by Late B. A. Bolt
- Earthquake Resistant Design of Steel Buildings in the US by J. E. Rodgers

Power point Slides on CD

- E-course : Indian Seismic Code IS:1893-2002 (Part-I) by S. K. Jain
- E-course : Seismic Design of Liquid Storage Tanks by S. K. Jain and O. R. Jaiswal

CD and Hard Copy

- Architectural Teaching Resource Material on Earthquake Design Concepts for Teachers of Architecture Colleges by C. V. R. Murty and A. W. Charleson
- Manual for Experiment Studies in Earthquake Engineering by C. S. Manohar and S. Venkatesha

IITK-GSDMA Guidelines

- Guidelines for Seismic Evaluation and Strengthening of Existing Buildings
- Guidelines for Seismic Design of Dams and Embankments
- Guidelines for Seismic Design of Liquid Storage Tanks
- Guidelines for Structural Use of Reinforced Masonry

Full list and brief descriptions are available at www.nicee.org/Products.php

New Publications During 2006-07

Several new publications were added during the year to our already impressive list of Earthquake Engineering publications. New publications released during the year include:

- Seismic Conceptual Design of Buildings - Basic principles for engineers, architects, building owners, and authorities by H. Bachmann
- AT RISK: The Seismic Performance of Reinforced Concrete Frame Buildings with Masonry Infill Walls by C. V. R. Murty et al.
- Seismic Hazard and Risk Analysis by R. K. McGuire
- Earthquake Dynamics of Structures, A Primer by A. K. Chopra
- Earthquake Design Criteria by G. W. Housner and P. C. Jennings
- Design of Foundations in Seismic Areas: Principles and Applications edited by S. Bhattacharya
- Reconnaissance Report of Sikkim Earthquake of 14 February 2006 by H. B. Kaushik et al.

Full list and brief descriptions are available at www.nicee.org/Publications.php

Rs. 4, 00, 000/- and above

Computers & Structures, Inc. (India), New Delhi

Rs. 1, 00,000/- to Rs 3, 99,999/-

Tandon Consultant Pvt. Ltd., New Delhi

Rs. 20,000/- to Rs. 99,999/-

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Andrew Charleson, Wellington, New Zealand
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Dept. of Applied Mechanics, VNIT, Nagpur

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Sudhir K. Jain, Kanpur
Paul C. Jennings, Pasadena, CA, USA
Sandeep Joshi, Indore
Anil Krishna Kar, Calcutta
Rakesh Kumar Khare, Indore
S. Lahiri, Delhi
Vsevolod Levitchitch, Nicosia, Cyprus
Praveen K. Malhotra, Sharon, MA, USA
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Anil B. Belani, Baroda
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Dhananjay A. Bhide, Navi Mumbai
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T. Rangarajan, Coimbatore
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Kamal Roy, Kanpur
Partha Pratim Roy, Kolkata
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Bhupinder Singh, Roorkee
Sarbjee Singh, Ludhiana
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