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## National Information Centre of Earthquake Engineering Indian Institute of Technology Kanpur

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### NICEE Publications

Adhering to the mandate of information dissemination through NICEE, several monographs and other resource material have been published and circulated widely. As on date NICEE has 31 publications and 17 CD's for distribution. NICEE Publication can be viewed and ordered online at [www.nicee.org/Publications.php](http://www.nicee.org/Publications.php)



No.	NICEE Publications	Price(Rs)
1	<b>IITK-BMTPC Earthquake Tips:</b> C.V.R. Murty.	400
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3	<b>AT RISK: The Seismic Performance of Reinforced Concrete Frame Buildings with Masonry Infill Walls:</b> C.V.R. Murty, Svetlana Brzev, Heidi Faison, Craig D. Comartin and Ayhan Irfanoglu.	300
4	<b>Earthquake-Resistant Confined Masonry Construction:</b> Svetlana Brzev.	400
5	<b>Confined Masonry – A guidebook for technicians and artisans:</b> Tom Schacher.	150
6	<b>Guidelines for Earthquake Resistant Non-Engineered Construction:</b> Available in English and Hindi versions.	100
7	<b>Architectural Teaching Resource Material on Earthquake Design Concepts for Teachers of Architecture Colleges:</b> C.V.R. Murty and Andrew W. Charleson.	700
8	<b>Resource Material for Development of Experimental Setup for Earthquake Engineering Education:</b> C.S. Manohar and S. Venkatesha .	500
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21	<b>Earthquake Spectra and Design:</b> N.M. Newmark and W.J. Hall.	300
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23	<b>Structural Use of Reinforced Masonry</b>	300
24	<b>Seismic Evaluation and Strengthening of Existing Buildings</b>	300
25	<b>Seismic Design of Earth Dams and Embankments</b>	300
26	<b>Measures to Mitigate Effects of Terrorist Attacks on Buildings</b>	300
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## National Information Centre of Earthquake Engineering

Indian Institute of Technology Kanpur

Web: [www.nicee.org](http://www.nicee.org)

### MISSION

National Information Centre of Earthquake Engineering (NICEE) was established in IIT Kanpur with the mandate to empower all stakeholders in the building industry in seismic safety towards ensuring an earthquake resistant built environment. NICEE maintains and disseminates information resources on Earthquake Engineering. It undertakes community outreach activities aimed at mitigation of earthquake disasters. NICEE's target audience includes professionals, academics and all others with an interest in and concern for seismic safety.

### THE INDIAN EARTHQUAKE PROBLEM

India has a very real earthquake problem. The past two decades have seen devastating earthquakes striking India with frightening regularity. India's seismic zone map emphasizes that over 60% of land area in India is under moderate to severe earthquake hazard (IS: 1893, 2002).

Unsafe building stock makes the built environment vulnerable and this in turn results in loss of human life and property in the aftermath of earthquakes.

Hence, the built environment must be made earthquake resistant so that lives are not lost through the collapse of unsafe buildings. This requires the active participation of various professionals associated with the construction industry and the all stakeholders in building development and delivery.



## ACTIVITIES OF NICEE

1	Information sourcing and maintenance	4	Special Literature
2	Information dissemination	5	Translations
3	Outreach	6	Technology Transfer

**Procurement of Publications and Supply of Literature** - NICEE strives to maximize its acquisition of publications. These are maintained in the P K Kelkar Library of IIT Kanpur. Requests for literature are entertained and visitors wishing to use NICEE resources are facilitated.

**Distribution of Special Publications** - A number of monographs are printed and circulated widely. As on date NICEE has 31 publications and 17 CD's for distribution with the aim of information dissemination.

**Translation into Local Languages** - NICEE's most popular publications are being translated into regional Indian languages. Hindi and Oriya versions of *IAEE Guidelines for Earthquake Resistant Non-Engineered Construction* and Hindi and Marathi versions of *IITK-BMTPC Earthquake Tips* are now available. Hindi translation of Confined Masonry monograph is also available. Attempts are on to translate the tips in other Indian and National languages.

**E-Conferences** - Two highly successful e-conferences on *Indian Seismic Codes* and *Professional Issues in Structural Engineering in India* were held in 2002 to facilitate exchanges within the structural engineering community. This led to creation of very active Structural Engineers Forum of India ([www.sefindia.org](http://www.sefindia.org)).

**Electronic Newsletter** - NICEE has more than 12,200 members on its email listing (as of January 2014). An electronic newsletter is sent to all members free of charge every month.

**Technology Transfer** - To improve the state of earthquake engineering practice, in the first of its attempts, NICEE conducted a Seminar and Short Course with two International experts from USA on Seismic Safety of dams.

**Distribution of Softwares** - NICEE in collaboration with CSI makes SAP/ ETABS available for Institutional use in India. Similarly, RESIST (INDIA) software is available for all users in India

**Web Site** - A resourceful and active website that includes:

- Manuals and monographs
- Commentaries on seismic codes
- Photo gallery of past Indian earthquakes
- Downloadable Publications
- Reports on past activities of NICEE

## Earthquake Engineering Practice

**Earthquake Engineering Practice:** The primary purpose of establishing the periodical is to disseminate information about 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. Individuals and organizations may subscribe to Earthquake Engineering Practice at [www.nicee.org/EEP.php](http://www.nicee.org/EEP.php)

Subscription: free for Individuals; for organisations and Libraries Rs. 3000/- (in India) and Rs. 6000/- (outside India)







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