

From the Coordinator

The agenda of Seismic Safety has continued to be of prime importance for NICEE. The conduct of workshops for the benefit of the society at large has been continued this year also. The most sought-after publication of NICEE IITK-BMTPC Earthquake Tips is now available with 32 Tips. Efforts are on to translate the new eight tips into local languages. The Inter School Quiz based on this most sought-after publication has been continuing for over a decade now. We are happy to note the increasing awareness about seismic safety at grass root level. The workshop for Architecture students has been well appreciated at all levels. With the increased availability of internet and various publications at college levels, the participation in the Literature Workshop has seen a decline, which is a very happy sign. NICEE continued to receive good support from its well-wishers during the year. Your support is important to us and we look forward to your continuous support and guidance in the forthcoming years. Support from 22 members during the year and 582 unique members till date is a great endorsement of our activities. We welcome your suggestions about new activities to be included in NICEE's agenda and your feedback at nicee@iitk.ac.in

Institutional Members

NICEE thanks its Institutional members and acknowledges their continued support to NICEE.

PLATINUM SUBSCRIBING MEMBERS

CSI Engineering Software Pvt. Ltd.,
New Delhi
NBCC (India) Limited, New Delhi

GOLD SUBSCRIBING MEMBERS

PNC Infratech Limited, Agra
Indian Institute of Technology Gandhinagar
CUREE, California

SILVER SUBSCRIBING MEMBERS

Balbir Verma & Associates, New Delhi
Tandon Consultants Pvt Ltd, New Delhi

Workshop for Architecture Students

The 16th National Workshop for UG students of Architecture was held at IIT Kanpur in a hybrid format from June 1st to June 15th, 2024. The online technical sessions from 1st - 2nd June, 2024 followed by offline studio sessions from 11th-15th June, 2024. A total of 34 students, who had completed six semesters of their architecture programs, participated in the 7-day workshop. These students were from Maharashtra, West Bengal, Punjab, Gujarat, Haryana, Rajasthan, UP, Assam, and Nepal. The general objective of the workshop was to sensitize the students to earthquake safety issues and capacity building in the basics of earthquake-resistant design at a conceptual level. The resource persons included:

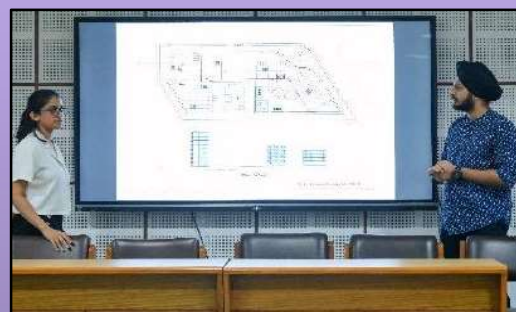


Dr Hari Kumar – Geo Hazards International, New Delhi; *Prof. Vasudha Gokhale*, *Sujata Mehta*, and *Meera Shirolkar* from Dr. B.N. College of Architecture for Women in Pune, *Prof. Atanu Dutta* from Jorhat Inst. Of Science & Technology, *Dr. Bhavna Vimalwala* and *Dr. Nehal Desai* – Sarvajani University Surat, *Dr. Nayanmoni Chetia* – Jorhat Engineering College, Assam. The design brief was an architectural assignment that required participants to design an office complex on a one-hectare site in Gandhidham, a rapidly developing city in the Kutch district of Gujarat in seismic zone - V. Gandhidham is a municipality and the economic capital of Kutch.

The Jury Board consisted of the following members:

Dr Atanu Dutta from Jorhat Inst. Of Science & Technology, *Jorhat*
Ar. Vikram Hundekar, Practicing Architect from Pune, *Dr Indrani Gogoi*
from Technical Education Kahilipara, Guwahati, *Prof. Rajeev Kacker* from
Dr. A.P.J. Abdul Kalam Technical University Lucknow

The jury members appreciated the award-winning designs of the following participants:



Chiara Niket Karnik, Pillai College of Architecture, Navi Mumbai; *Anantjeet Singh Nagpal*, Malaviya National Institute of Technology, Jaipur; *Kush Alpeshbhai Ribadia*, Sarvajani University, Surat; *Arya Umesh Ranaware*, Vidya Pratishthan's School of Architecture, Pune; *Afreen Ashfaq Sable*, Pillai College of Architecture, Navi Mumbai; *Vedanshi Ostwal*, Chandigarh College of Architecture, Chandigarh

The workshop was sponsored by CSIESPL, New Delhi, and several supporters of NICEE. For more information, visit:
https://www.nicee.org/Architecture_Workshop/Arch_Ws_2024_Report.pdf

Workshop for Architecture Faculty

The National Information Centre of Earthquake Engineering (NICEE) at IIT Kanpur organized a comprehensive five-day faculty development workshop titled “Teaching Earthquake-Resistant Structures in Undergraduate Architecture Design Studio” from 8th to 10th March 2025. This workshop is for all university faculty who teach architecture design to UG students. It’s a five-day faculty development program, including a 3-days in-person session at IIT Kanpur followed by a 2-day project-based exercise. The event drew participation from faculty members representing architecture programs nationwide. The aim of the workshop was to strengthen architectural education by integrating earthquake-resistant practices into design studios and offering standalone core courses in seismic design in the UG curriculum.



A distinguished panel of experts, included: **Prof. Keya Mitra, Prof. Vasudha Gokhale, Prof. Meera Shirolkar, Prof. Bhavana Vimawala, Prof. Ruchira Das, Prof. Atanu Kumar Dutta, and Prof. Chinmoy Kolay**, guided participants through the workshop’s technical sessions, providing deep insights into both theoretical and practical aspects of seismic design.

Key highlight of the workshop was a design studio exercise in which

participants were tasked with designing a residential block for **Garchuk, Guwahati**, a high-risk Seismic Zone V area. This exercise provided a real-world context for participants to apply their learning and create conceptual designs that adhered to seismic safety principles. The exercise underscored the importance of architects in advancing earthquake safety and emphasized interdisciplinary collaboration in seismic design.



The workshop concluded with a *Two-Day End Exercise*, designed to consolidate participants’ learnings. During this phase, participants developed draft teaching modules to help integrate earthquake-resistant concepts into UG design studios. These modules are intended to serve as practical resources for architecture faculty, enhancing the quality of seismic design education in their respective institutions.



This successful pilot workshop featured a well-rounded curriculum and active participation from architecture faculty across India and is **likely to become an annual event to further the agenda of seismic safety in architectural education.**

The workshop received generous support from **CSIESPL New Delhi** and **NICEE** donors.

CSI Engineering Software's CSR Grant to NICEE

CSI Engineering Software Pvt. Ltd. has made a significant contribution to the National Information Centre of Earthquake Engineering (NICEE) over the years. We are pleased to acknowledge their generous support of ₹9,20,000/- (Rupees Nine Lakhs Twenty Thousand Only) under their Corporate Social Responsibility (CSR) grant for the Financial Year 2024-25. This contribution is earmarked for supporting key initiatives including EEP Journal Printing, Workshops, Quiz, etc., and will be instrumental in supporting NICEE's ongoing initiatives and activities

Inter School Quiz on Earthquake Tips

NICEE held an Inter School Quiz competition on IITK- BMTPC Earthquake Tips, with seven schools participating in the final round. The quiz consisted of four rounds and questions from Prof. CVR Murty's publication.

The Gwalior Glory High School, Gwalior team won first place, followed by Bhartiya Vidya Bhavan's Prism School, Satna and Sheiling House School, Kanpur. The quiz has become an important annual event, with plans to include more neighboring cities in the future. For further details and the procedure for participating in the quiz, please visit <http://www.nicee.org/Quiz/>



Remembering Past Earthquakes

THE 2004 SUMATRA-ANDAMAN EARTHQUAKE ON ITS 20TH ANNIVERSARY

The 2004 Sumatra-Andaman earthquake, one of the deadliest natural disasters in recorded history, struck on December 26, 2004, with a magnitude of 9.1-9.3. It killed about 10,000 people in India, mostly children and women in Tamil Nadu. This event brought to light issues concerning the implementation of national seismic codes for earthquake-resistant design, especially in public infrastructure projects, and the oversight of tsunami hazard preparedness. For further details please visit https://nicee.org/Latur_EQ/.

Members in News

PROF MAHESH TANDON HONOURED WITH THE LIFETIME ACHIEVEMENT AWARD

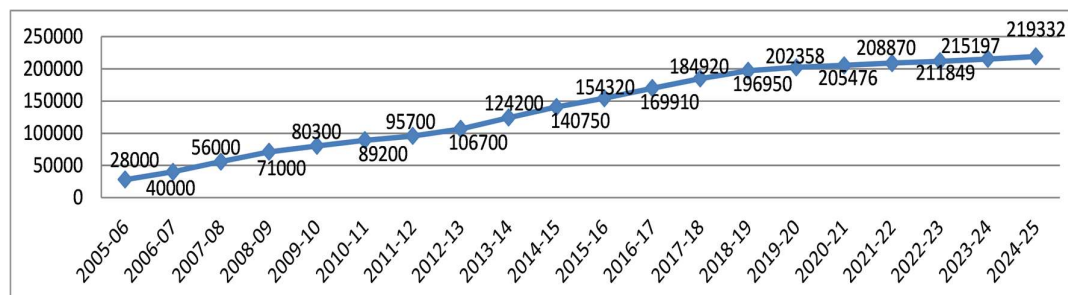
NICEE is proud to share that Prof. Mahesh Tandon, the member and the past Chairman of the National Advisory Committee, has been honoured with the "CE & CR Lifetime Achievement Award" from the Institution of Civil Engineering & Construction Review in an award ceremony on 2nd August 2024 in New Delhi in recognition of his path breaking and pioneering work in Structural Engineering.

Oriya Translation of Earthquake Tips

In the year 2024-25 we have uploaded the Oriya translation of Earthquake Tips from No.1-8 on the NICEE website. It can be viewed on the NICEE website at <https://nicee.org/EQTips.php>

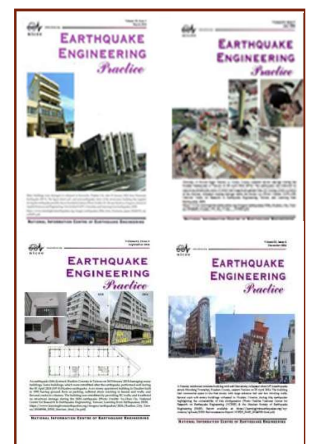
Dissemination of Literature

During the year 4135 copies of books, monographs, and CDs, were distributed. To date, NICEE has distributed, 384851 such items.



Earthquake Engineering Practice

The quarterly periodical *Earthquake Engineering Practice* continues to gain popularity. Its subscription list as of March 2025 stands at 726 from 85 countries. The periodical is being financially supported by CSI Engineering Software Pvt. Ltd., New Delhi, and the numerous other donors of NICEE. The annual expenditure on the periodical is to the tune of ₹ 2.65 lakhs. To make it self-sustaining, we invite advertisements/ sponsorships from the corporate sector.



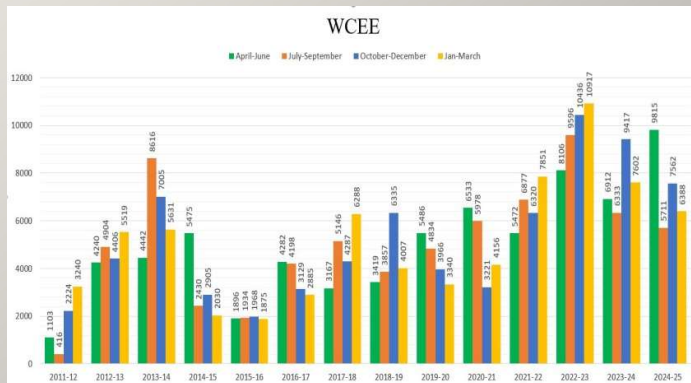
WCEE Proceedings



hosted at
www.nicee.org/wcee

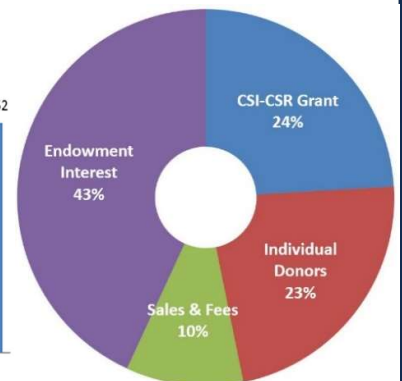
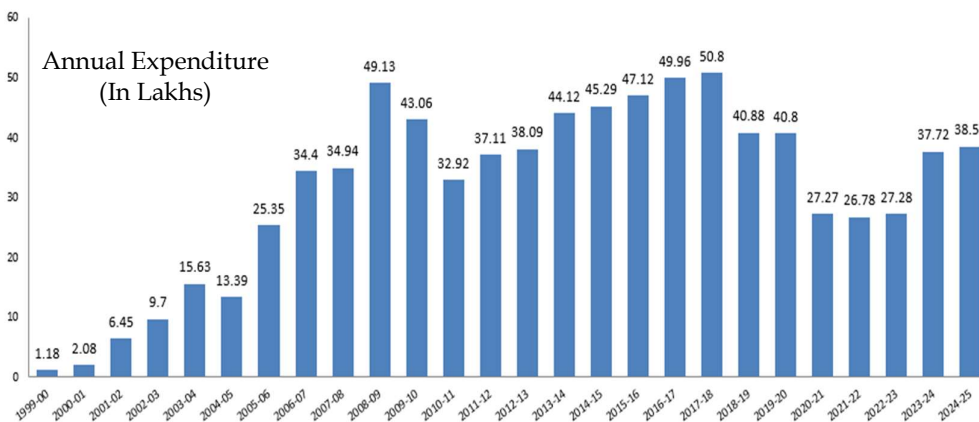
The World Conference on Earthquake Engineering (WCEE) is a major gathering of stakeholders promoting seismic safety worldwide. The first WCEE was held in 1936 in California, and the 17th was held in Sendai, Japan, in hybrid mode due to the Covid pandemic. To make the papers available for free, NICEE initiated a project in 2010, uploading 5,360 papers from the first ten conferences in December 2010. As of now, there are over 19,130 articles uploaded with 160,000 pages (20 GB of data).

The graph below explains the worldwide access to WCEE papers with an average quarterly hit at present approx. 7369 with significant access in Asia and Europe which covers around - 90%; North America - 4%; South America - 3.5%; Australia - 1% and Africa - 1.5%.



The 19th World Conference on Earthquake Engineering (WCEE2025) is scheduled to be held in Montréal, Canada from October 01 to 05, 2028.

NICEE Financials



With a healthy growth of NICEE activities, the overall expenditure during the year stood at about ₹ 38.52 lakhs (₹ 37.72 lakhs last year). This was covered by a mix of resources from various sources: 23% from CSI-CSR grant, 24% from individual donors, 10% from sales and fees and 43% from endowment interest. The sale proceeds from publications and monographs were ₹ 3.84 lakhs as compared to ₹ 7.16 lakhs last year. The number of donors this year is 22 (33 last year), contributing a total of ₹ 17.19 lakhs with an average donation of ₹ 78126/- (₹ 14.92 lakh last year with an average of ₹ 45,241/-). Since its inception, NICEE has received one or more donations from a total of 582 donors with an overall median of ₹ 4,000; this is an excellent endorsement of NICEE's activities by its friends and well-wishers.

₹ 4,00,000/- and above

CSI-Engineering Software Pvt. Ltd., New Delhi

Tandon Consultants Pvt Ltd, New Delhi

₹ 20,000/- to ₹ 99,999/-

Robert Reitherman, CA, USA

₹ 4,000/- to ₹ 19,999/-

Deepak B. Dave, Mumbai, MH
Anjan Kumar Dutta, Kolkata, WB
O R Jaiswal, Nagpur, MH
Hari Kumar, New Delhi
G Sree Lakshmi, Hyderabad, AP
Gaurav Maroo, Gurgaon, Haryana
Bhabananda Nath, Jamnagar, GJ

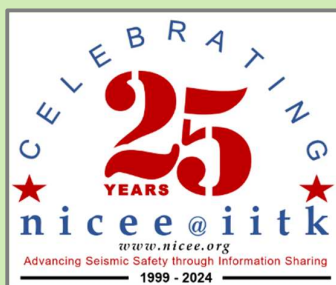
Prasad V. Panandikar, Margao, Goa
A.V. Bhaskar Rao, Ongole, AP
M.L.N. Rao, Hyderabad, TG
Durgesh C Rai, Kanpur, UP
Debasis Roy, Kharagpur, WB
Premanand Shenoy, Mangalore, KA

Up to ₹ 3,999/-

Amareesh S Patil, Gulbarga, KA
J. Prakashvel, Chennai, TN
Ravi K. Sharma, Udaipur, RJ

Rabinder Shekher, Jammu, J&K
N. Subramanian, Chennai, TN
Gandhreti Tanuja

NICEE Celebrating 25 Years



A Architecture Workshop Held annually since 2008 for 3rd year UG Architecture students which has benefited over 750 participants from 55 colleges in India, Nepal, and Bhutan.	N Electronic Newsletter The monthly newsletter reaches over 15,000 subscribers, providing updates on activities, global conferences, and workshops in EQ Engineering while also acknowledging its supporters.
C Confined Masonry Initiative Promoting Confined Masonry as an earthquake-resistant building type through workshops and the distribution of special publications for engineers, architects, and artisans.	P EEP Quarterly Periodical A compilation of top earthquake engineering journal articles is published in four issues each year since 2007, distributing over 1,50,000 copies across India and 85 other countries.
E WCEE Proceedings Hosts 21,911 articles (about 194,000 pages) from seventeen IAEE World Conferences since 1955, with over 565,000 downloads globally.	Q EQ Tips Quiz Inter School Quiz on IITK-BMTPC Earthquake Tips for Classes VII-XI, launched in 2009, has seen participation from over 2000 students across 100 cities.
I International Affiliation Affiliation with organizations of international repute working in the field of Earthquake Engineering – LAEE, EERI, NZSEE, SESOC, etc.	S Special Publications Over 40 publications, 17 CDs, and EERI monographs have been printed, with about 2,11,849 publications distributed and a few available for download.
L Literature Review Workshops Since 2002, the event has assisted over 800 PG students from around 80 colleges in India and Nepal with earthquake engineering theses.	T Translations NICEE's popular publications, such as EQ Tips, LAEE Guidelines, Confined Masonry Guidebook, etc., are available in various Indian languages.
M Institutional Membership Organizations such as CSI, IITGN, NBCC, TCPL, PNC, BVA, VMS, UL India, UltraTech, N.Y.K. Consultant Engg., EUCENTRE, CUREE and SPA have generously contributed to support various capacity-building activities.	W Website A resourceful website with over 35,000 monthly visitors features manuals, seismic code commentaries, a photo gallery of past Indian earthquakes, downloadable publications, and reports on NICEE's past activities.

For more information, please contact

Prof. Durgesh C. Rai
Coordinator, NICEE
Department of Civil Engineering,
Indian Institute of Technology Kanpur
Kanpur 208016, India
Web: www.nicee.org E-mail: nicee@iitk.ac.in
Phone: +91 (512) 259 7866 Fax: +91 (512) 259 7794

NICEE Team

Cdr Suresh Ailawadi, Retd.
Mr. Shivesh Pandey
Ms. Shradha Shukla
Mr. Moti Lal
Mr. Malkhan Singh