

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 31 members during the year and 580 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.,
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NBCC (India) Limited, New Delhi

GOLD SUBSCRIBING MEMBERS

PNC Infratech Limited, Agra
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Balbir Verma & Associates, New Delhi
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Workshop for Architecture Students

The 15th National Workshop for UG students of Architecture was held at IIT Kanpur during July 22 - 29, 2023, in which 61 students from 15 institutes representing 12 cities from all over India participated in the 8-day workshop. The participating students had completed six semesters of studies in their respective architecture programs. 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:



Prof. Keya Mitra from IEST Shibpur, Prof. Vasudha Gokhale, Sujata Mehta, and Meera Shirolkar from Dr. B.N. College of Architecture for Women in Pune, Prof. Atanu Dutta from Jorhat Engineering College, Prof. Ruchira Das from Women's Polytechnic Chandernagore, and Prof. Bhavana Vimarwala along with Nehal Desai from Sarvajani University in Surat. creating a Co-working Office Complex on a site in Guwahati, Assam, the largest city in the state of Assam and a major metropolis in

northeastern India. This site was proposed for a Trade Centre by the National Building Construction Corporation (NBCC). In addition, special lectures for the benefit of participants were delivered by Ar. Vikram Hundekar from Pune, Dr.

Shailesh Agarwal, Executive Director of BMTPC in New Delhi, and Dr. Hari Kumar from Geo Hazards in New Delhi.

The Jury Board consisted of the following members:

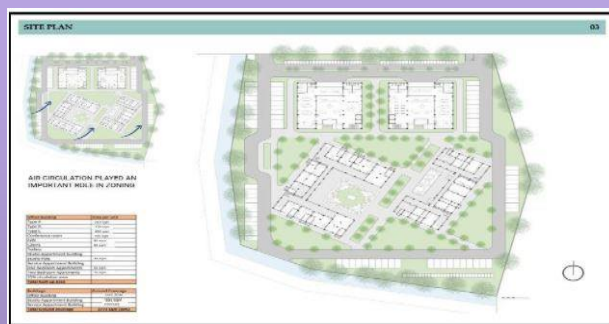
Ar. Balbir Varma from New Delhi, Ar. Vikram Hundekar from Pune, Prof. Meenu Varshney from NIT Jaipur, Prof. Mayank Varshney from VIT Jaipur, and Prof. Vaibhav Singhal from IIT Patna

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



Shriya Sushil Patil, Thakur College of Architecture and Planning, Mumbai; Garima Agrawal, D.Y.Patil School of Architecture, Navi Mumbai; Vidula Nitin Ghodekar, Pillai College of Architecture, Navi Mumbai; Nimit Kartik Makwana, Inst. Of Design Planning and Technology, Surat; Purova Anand Lade, Pillai College of Architecture, Navi Mumbai; Yashasvi Ketan Bhavsar, Inst. of Design Planning and Technology, Surat; Sanika Dalvi, D.Y.Patil School of Architecture, Navi Mumbai.

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_2022_Report.pdf



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 Nehru World School, Ghaziabad team won first place, followed by Indorama Public School, Amethi, 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 1993 LATUR EARTHQUAKE ON ITS 30TH ANNIVERSARY

Thirty years ago, a destructive earthquake hit Maharashtra's Marathwada region, resulting in over 8,000 deaths, 16,000 injuries, and one million people displaced. Vulnerable housing construction exacerbated the devastation, with 67 villages in Latur district completely destroyed. The total property loss was estimated at \$333 million (Rs. 11.8 billion). For further details please visit https://nicee.org/Latur_EQ/.

THE 1999 CHAMOLI EARTHQUAKE ON ITS 25TH ANNIVERSARY

Twenty-five years ago, on March 29, 1999, a magnitude ~6.6 earthquake struck Chamoli, Gopeshwar, and Rudrapur in the Garhwal Himalayas, causing around 100 deaths and displacing 100,000 people. Poorly constructed dwellings made of undressed stone masonry in mud mortar suffered the most damage, highlighting the importance of earthquake-resistant construction methods. For further details please visit https://nicee.org/Chamoli_EQ/.

Members in News

PROF. DIPTI RANJAN SAHOO AWARDED 2022 SS BHATNAGAR PRIZE

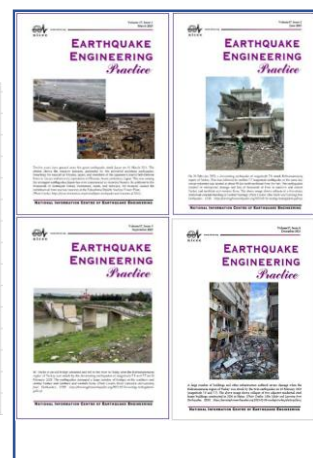
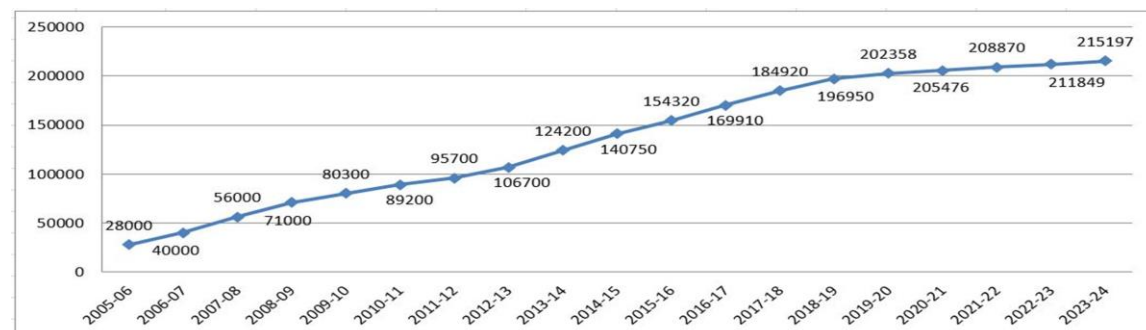
Prof. Dipti Ranjan Sahoo, Department of Civil Engineering, IIT Delhi, has won the Shanti Swarup Bhatnagar (SSB) Prize for Science and Technology 2022 in Engineering Sciences. For further details please visit <https://www.nicee.org/DRS.htm>

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 Lifetime Achievement Award from the Institution of Bridge Engineers in an award ceremony on 9 Feb 2024 in Mumbai in recognition of his pathbreaking and pioneering work in bridge and metro design and construction

Dissemination of Literature

During the year 3348 copies of books, monographs, and CDs, were distributed. To date, NICEE has distributed 2,15,197 such items.



Earthquake Engineering Practice

The quarterly periodical *Earthquake Engineering Practice* continues to gain popularity. Its subscription list as of March 2024 stands at 685 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 ₹ 2.56 lakhs. To make it self-sustaining, we invite advertisements/ sponsorships from the corporate sector.

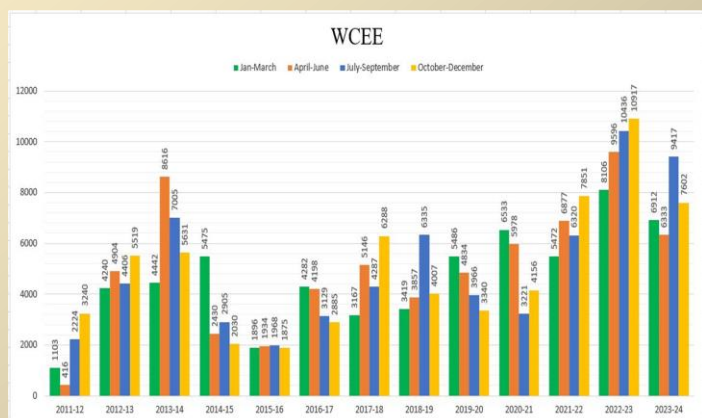
WCEE Proceedings



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).

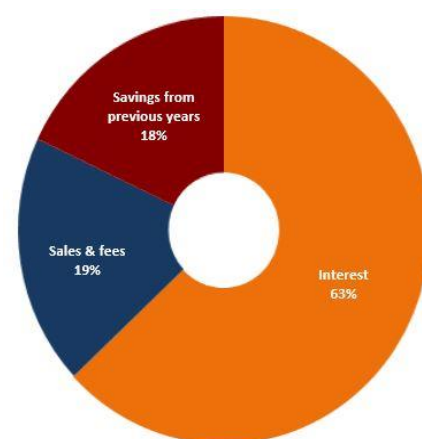
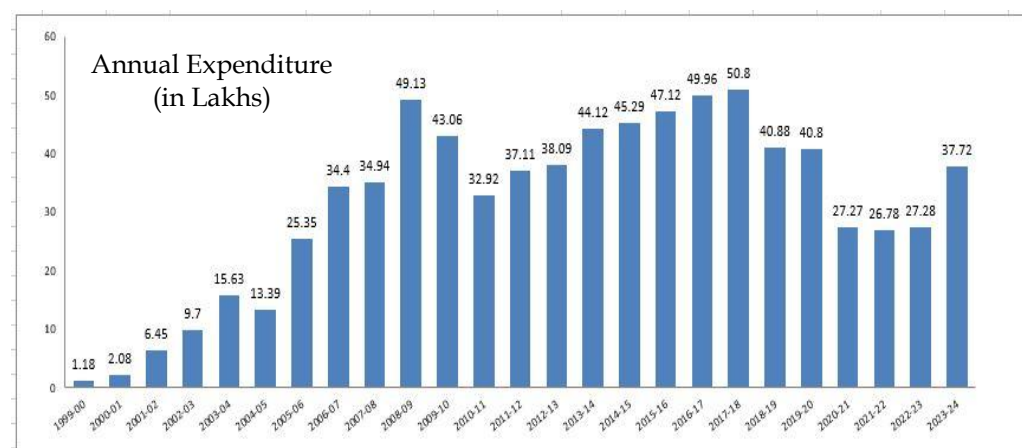
The graph below explains the worldwide access to WCEE papers with an average quarterly hit at present approx. 9764 with significant access in Asia and Europe which covers around – 90%; North America - 4.5%; South America – 3.5%; Australia – 1% and Africa - 1%.



The 18th World Conference on Earthquake Engineering (WCEE2024) is scheduled to be held in Milan, Italy from June 30 to July 05, 2024. Details and invitations are available at <https://www.wcee2024.it/>.

NICEE Financials

Funding of Expenses – 2023-24



With a healthy growth of NICEE activities, the overall expenditure during the year stood at about ₹ 37.72 lakhs (₹ 27.28 lakhs last year). This was covered by a mix of resources from various sources: 19% from sales and fees, 18% from previous years' savings and 63% from interest from endowment. The sale proceeds from publications and monographs were ₹ 7.16 lakhs as compared to ₹ 1.20 lakhs last year. The number of donors this year is 31 (36 last year), contributing a total of ₹ 14.82 lakhs with an average donation of ₹ 47,821/- (₹ 14.76 lakh last year with an average of ₹ 41,004/-). Since its inception, NICEE has received one or more donations from a total of 580 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
NBCC (India) Limited, New Delhi

₹ 20,000/- to ₹ 99,999/-

Sudhir K. Jain, Varanasi, UP
C S Manohar, Bangalore, Kn

Robert Reitherman, CA, USA
Balbir Verma, New Delhi

₹ 4,000/- to ₹ 19,999/-

N. Y. Kochak Consulting Engineers & Structural
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Hari Kumar, New Delhi
Abhay Khandeshe, Ahmednagar, MH

Bhabananda Nath, Jamnagar, GJ
Durgesh Rai, Kanpur, UP
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Rasiklal Shah, Ahmedabad, GJ
Alok Tiwari, Indore, M.P.

Up to ₹ 3,999/-

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Karnail Singh, Bathinda, PB
Rabinder Shekher, J&K
N. Subramanian, Chennai, TN
Gobinath Velusamy, Erode, TN

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