

From the Coordinator

The year 2021-22 has been testing time for all due to the outbreak of Covid. This forced us to cancel all annual face-to-face activities during the year due to limitations on travel and availability of accommodation at IIT Kanpur. We expect to restart the activities in full swing soon with improvement in the scenario and hope for further improvement in the coming times. With the increased availability of the internet and various publications at college levels, the workload of NICEE related to library activities has reduced significantly, which is certainly a healthy sign. On the other hand, a lot more needs to be done for our agenda of promoting seismic safety in the country, especially in the earthquake-prone Himalayan regions. NICEE continued to receive good support from its well-wishers during the year. Your support is vital to us, and we look forward to your continuous support and guidance in the forthcoming years. Generous support from 59 members during the year and 572 unique members to date is an excellent 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.

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Workshop for Architecture Students

The 13th National Workshop for UG students of Architecture was held at IIT Kanpur during August 07- 14, 2021, in which 86 students from Bhutan and 19 institutes representing 15 cities from all over India participated in the 8-day workshop. The participating students had completed six semesters of studies in their respective architecture programmes. 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, IEST, Shibpur, Howrah; *Prof. Vasudha Gokhale*, Dr. B.N. College of Architecture for Women, Pune; *Prof. Atanu Dutta*, Jorhat Institute of Engineering and Technology, Assam; *Prof. Meera Shirolkar*, Dr. B.N. College of Architecture for Women, Pune; *Prof. Ruchira Das*, Women's Polytechnic, Chandernagore; *Dr. Indrani Gogoi*, Directorate of Technical Education, Assam; *Prof. Nayanmoni Chetia*, Jorhat Engineering College, Assam; *Dr. Mayank Varshney*, Vivekananda Institute of Technology, Jaipur; *Dr. Soumen Mitra*, IEST, Shibpur, Howrah; *Prof. Nehal Desai*, Sarvajanik University, Surat; *Prof. Bhavna Vimawala*, Sarvajanik University, Surat; *Mr. Baharul Hossain*, Jorhat Engineering College, Assam; *Dr. Tanaya Sarmah*, GeoHazards Society, New Delhi; *Dr. Hari Kumar*, GeoHazards Society, New Delhi. The design brief was an architectural design assignment where they were required to design Hostel Building for UG Students in a site in Almora, Uttarakhand, located in Seismic Zone V, with 1000+ intake capacity. The evaluation of the designs was also done in online mode only.

The Jury Board consisted of the following members:

Prof. V R Shah, Ahmedabad; *Ar. Amit Bose*, New Delhi; *Er. Karnail Singh*, Chandigarh; *Prof. Chinmoy Kolay*, Kanpur; *Prof. Ratnesh Kumar*, Nagpur; *Er. Narayan Kochak*, Pune; *Ar. Ravi Kakar*, New Delhi; *Prof. Rajiv Kacker*, Lucknow; *Ar. Radhika Vaidya*, Pune; *Ar. Vikram Hundekar*, Pune

The jury members appreciated the designs of the following participants:

Mehnaz Imtiaz, Amity University, Kolkata; *Rumana Nishat Qamar*, SPA Bhopal; *R Shabarinath*, VNIT Nagpur; *Kishan Sirohi*, Vastukala Academy, New Delhi; *Priyanshi Shukla*, Sushant School of Art & Architecture, Gurgaon; *Nimisha Agrawal*, LS Raheja School of Architecture, Mumbai; *Soniya Santosh T*, BGS School of Arch.& Planning, Bangalore; *Naman Sharma*, Shri Mata Vaishno Devi University, Katra; *Gauri Dixit*, VNIT Nagpur; *Shreya*, Shri Mata Vaishno Devi University, Katra; *Shirin Goel*, IIT

Kharagpur; *Trikuti Mishra*, Shri Mata Vaishno Devi University, Katra; *Nilay Dev*, Amity University, Raipur; *Gitika Suklabaidya*, ITM University, Raipur; *Bhavin Mandot*, LS Raheja School of Architecture, Mumbai; *Shashank Bhuwal*, Amity University, Raipur; *Ankit Mahobiya*, NIT, RAIPUR; *Vaishnavi P Chandane*, BKPS College of Architecture, Pune; *Pritam Roy*, NIT, RAIPUR; *Anushka Aglawe*, VNIT Nagpur; *Shubham Gawade*, *Manohar Phalke* College of Arch., Mumbai; *Rajeshwari N*, BGS School of Arch.& Planning, Bangalore; *Dorji Choden*, College of Science & Technology, Bhutan; *Abhishek Gunjal*, Dr. DY Patil College of Arch., Navi Mumbai.

The participants expressed a satisfaction level of 87.7%. 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_2021_Report.pdf



Inter School Quiz on Earthquake Tips

NICEE conducted an online Inter School Quiz competition on IITK- BMTPC Earthquake Tips. The final round of which was held on January 26, 2022, at the Indian Institute of Technology Kanpur, Kanpur.

In this competition, more than 800 students registered from eight states: Himachal Pradesh, Punjab, Delhi, Rajasthan, Gujrat, Uttar Pradesh, Madhya Pradesh, and Maharashtra, out of which 150 students participated. The quiz consists of twenty multiple-type questions with a maximum time limit of 10 minutes.

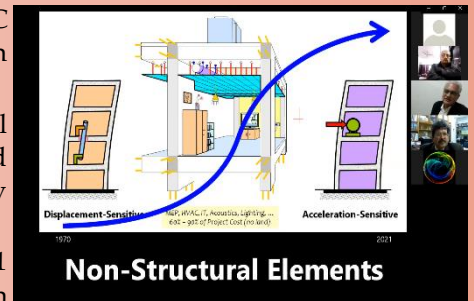
The Webinar was conducted at IIT Kanpur on January 26, the anniversary of the 2001 Gujarat earthquake, in which Prof. CVR Murty, IIT Madras, made a presentation on Seismic safety and its promotion through the dissemination of Earthquake Tips.

The following top 8 performers were awarded a cash prize and a set of NICEE publications:



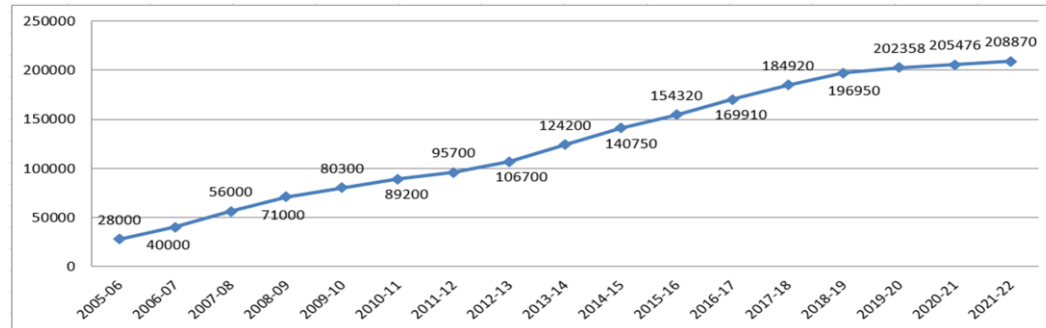
Ms. Riddhi Boola, Kids Club, Jaipur, Rajasthan; Mr. Hrishabh Chaturvedi, Bharatiya Vidya Bhavan's Prism School, Madhya Pradesh; Ms. Rashi Chopra, Blue Bells Model School, Haryana; Ms. Jiya Wadhwa, Blue Bells Model School, Haryana; Ms. Uma Pareek, Gwalior Glory High School, Madhya Pradesh; Ms. Muskan Kumari, Jawahar Navodaya Vidyalaya, Himachal Pradesh; Mr. Atharv Kumar, Sainik School Balachadi, Gujrat; Mr. Anupam Anand, Sainik School Balachadi, Gujrat.

The school quiz has now become an important annual event of NICEE. It will be our endeavour to include more and more cities from the neighboring areas during the forthcoming years. For further details and the procedure for participating in the quiz, please visit <http://www.nicee.org/Quiz/>



Aggressive Dissemination of Literature

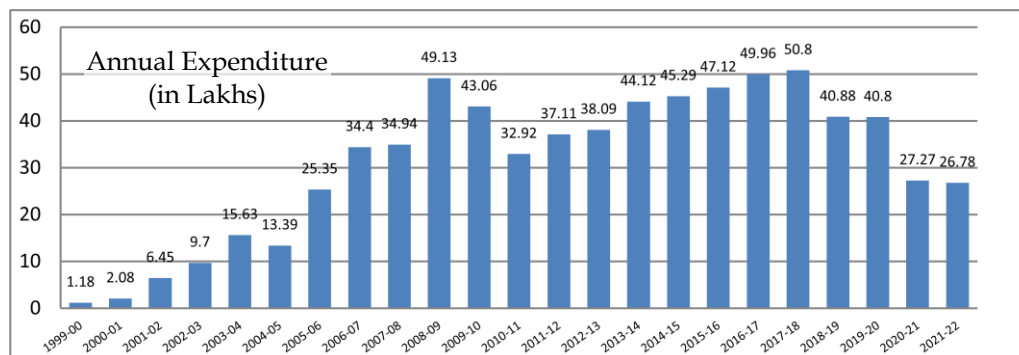
During the year 3394 copies of books, monographs, and CDs, were distributed. To date, NICEE has distributed 2,08,870 such items.



Earthquake Engineering Practice

The quarterly periodical *Earthquake Engineering Practice* continues to gain popularity. Its subscription list as of March 2022 stands at 811 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 ₹ 2.40 lakhs. To make it self-sustaining, we invite advertisements/ sponsorships from the corporate sector.

NICEE Financials



Funding of Expenses – 2021-22



With a healthy growth of NICEE activities, the overall expenditure during the year stood at about ₹ 26.78 lakhs (₹ 27.27 lakhs last year). This was covered by a mix of resources from various sources: 6% from sales and fees, 54% from previous years' savings and 40% from interest from endowment. The sale proceeds from publications and monographs were ₹ 1.52 lakhs as compared to ₹ 1.80 lakhs last year. The number of donors this year is 59 (41 last year), contributing a total of ₹ 14.57 lakhs with an average donation of ₹ 24,700/- (₹ 5.68 lakh last year with an average of ₹ 13,846/-). Since its inception, NICEE has received one or more donations from a total of 572 donors with an overall median of ₹ 3,000; this is an excellent endorsement of NICEE's activities by its friends and well-wishers.

WCEE Proceedings



hosted at
www.nicee.org/wcee

The prestigious World Conference on Earthquake Engineering (WCEE) is held every four years under the aegis of the International Association for Earthquake Engineering (IAEE) which are one of the largest technical/professional gatherings of various stakeholders engaged in promoting seismic safety across various disciplines and different parts of the World. The first conference was held in 1936 in California and the recent the 17th WCEE was held in Sendai, Japan in the hybrid mode due to Covid pandemic.

With advancements in technology and easy availability of computers and internet access, a need was strongly felt to make easy and free availability of all the papers presented in WCEE till date.

A project was, therefore, taken up by NICEE in 2010, and all the papers available till then were first uploaded on the website in December 2010. 5,360 papers from the first ten conferences (about 40,000 pages) had to be scanned for their use in the digitized library. As of date, there are more than 19,130 articles uploaded with about 160,000 pages (20 GB of Data). In order to ease the search, indices are built on the following attributes:

Search

Title :

Author :

Keywords:

City:

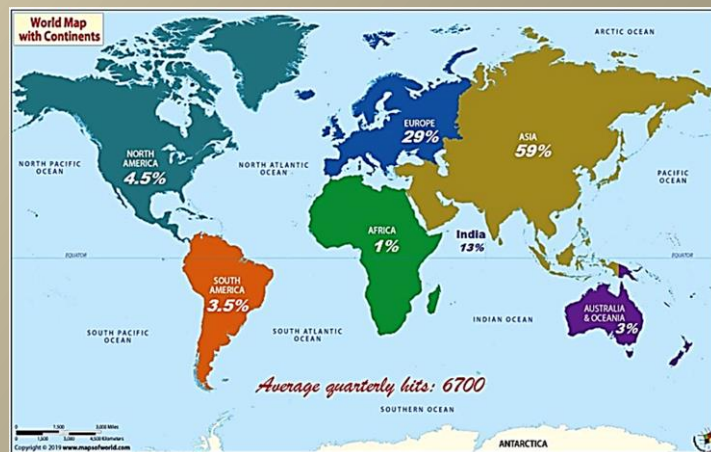
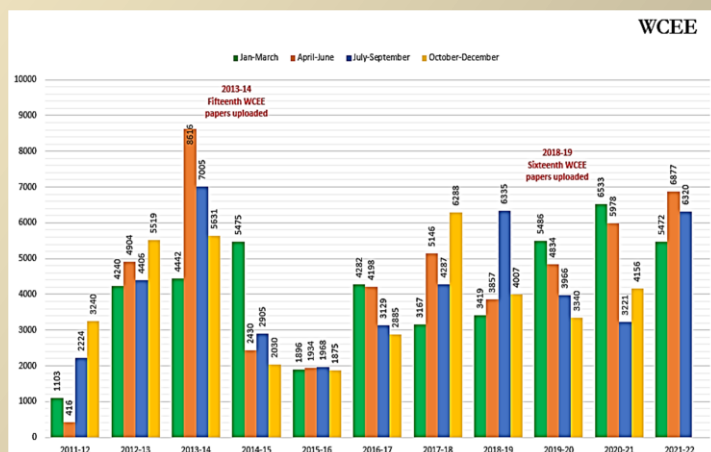
Country:

Conference:

[Help Tips:]

1. Author: Search by "First Name" or "Last Name" e.g. "George" or "Housner"
2. Conference: e.g. 11WCEE etc

The graph below explains the worldwide access to WCEE papers with an average quarterly hit at present approx. 6700 with significant access in Asia and Europe which covers around - 88%; North America - 4.5%; South America - 3.5%; Australia - 3% and Africa - 1%.



To upload the proceedings of the recent 17th WCEE held at Sendai, Japan, we are making significant changes in the WCEE website, such as the migration of the entire WCEE website to a new platform and developing a webpage with an entirely new look and feel. These changes were necessary to make it more secure and user-friendly; the papers will be available to all after these updates, probably by the end of this year, and can be accessed through the following link: <https://www.nicee.org/wcee/index.php>.

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