



National Information Centre
of Earthquake Engineering
Indian Institute of Technology Kanpur

Annual
April 2018 - March 2019
Report

Inter School Quiz being appreciated

The inter-school quiz based on IITK-BMTPC Earthquake Tips is being appreciated by the schools as well as the participants. The quiz which began in 2009 has continued for more than a decade.

The purpose with which the quiz was started, to fulfill the long felt need to include school children, who are the future builders of the country, in such an activity so that the mandate of NICEE is inculcated at the grass root level, has met its objective. The schools and the participants have shown continued interest in this activity of NICEE and more than 500 schools from about 130 cities have participated in the quiz till date.

The quiz, which is oral, the registering schools are given 50 copies of "Earthquake Tips" which are used for selecting a team of four participants from each school from Class VIII to Class XI.

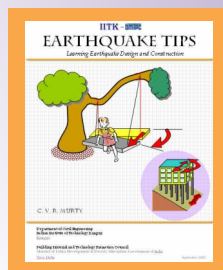
This has for sure, opened a small window in the minds of young generation who have shown an intense dedication and interest in the learning the subject. The teachers have also shown interest and intend to start this as a regular subject in their schools with the help of the publication and the support from NICEE. It is intended to take this topic to higher echelons with support from all NICEE members, schools and students.



Publications during 2017- 18

During the year the English Version of IITK-BMTPC Earthquake Tips with 32 Tips was printed. This is the most sought after publication and is also the basis of Inter School Quiz.

List of NICEE publications and products:
www.nicee.org/Publications.php



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 47 members during the year and 548 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

GOLD SUBSCRIBING MEMBERS

PNC Infratech Limited, Agra
Indian Institute of Technology Gandhinagar

SILVER SUBSCRIBING MEMBERS

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

Inter School Quiz on Earthquake Tips

NICEE conducted an Inter School Quiz competition on IITK- BMTPC Earthquake Tips, the final round of which was held on 07 February 2019 at Outreach Auditorium, Indian Institute of Technology Kanpur, Kanpur.

48 schools from 30 cities participated in the preliminary rounds which were held Ahmedabad, Chandigarh, Ghaziabad, Gwalior, Indore, Kanpur, Nagpur and Vijaywada. In the final round of the quiz on 07 February, 08 schools - DAV, Ludhiana; BVB Prism School, Satna; Bhavan's Bhagwandas Purohit Vidya Mandir, Nagpur; Smt. Sandrabhen Shroff Gnyan Dham School, Vapi; Nehru World School, Ghaziabad; V P Siddhartha Public School, Vijayawada; Gwalior Glory High School, Gwalior and Sheiling House School, Kanpur participated. The quiz had four rounds: Round Robin, Picture Round, Rapid Fire Round and Lucky Number Round. The questions were mostly from the publication IITK-BMTPC Earthquake Tips by Prof. CVR Murty and some questions



Winners of the quiz- Sheiling House School, Kanpur, represented by Mohd Faraz Hussain, Vansh Agarwal, Prakrati Jaiswal and Kartik Dixit

were based on the past earthquakes in India and in other countries. The winning team from Sheiling House School, Kanpur, represented by Mohd Faraz Hussain, Vansh Agarwal, Prakrati Jaiswal and Kartik Dixit scored 118 points. Bhavan's Bhagwandas Purohit Vidya Mandir, Nagpur and Nehru World School, Ghaziabad came second and third, respectively, scoring 94 points and 78 points. The quiz was supported by BMTPC, New Delhi, Computers & Structures Inc. (CSI). The quiz at Gandhinagar was conducted by the team of Mr. Abhishek Gupta, Mr. Hrishikesh, Ms. Bhumika & Ms. Himanshi under the guidance of Prof. Manish Kumar and Prof. Amit Prashant. The quiz at Chandigarh was conducted by Er. Karnail Singh with support from Er. RK Dalal and Er. Sawinder Singh of Institution of Engineers State Centre Punjab and Chandigarh. The quiz at Nagpur was conducted by Mr. Harshad Phadke under the guidance of Prof. OR Jaiswal of VNIT Nagpur. Prof. Raana Pathak of SVTIS Indore with guidance from Prof. Rakesh Khare of SGSITS Indore was instrumental in the successful conduct of the quiz at Indore whilst the quiz at Gwalior was conducted by the team of Prof. Sarvesh K. Jain of MITS Gwalior. The quiz at Vijayawada was conducted by the team of Dr. Hanumantha Rao, from PVP

Siddhartha Institute of Technology, Vijayawada. NICEE would like to extend their gratitude to Nehru World School Ghaziabad for their help in conducting the preliminary rounds of the quiz in their premises. 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 forthcoming years. For further details and procedure for participating in the quiz please visit <http://www.nicee.org/Quiz/>

Workshop for Architecture Students

The eleventh workshop on Earthquake Resistant Practices for Undergraduate Students of Architecture was conducted at IIT Kanpur during June 17 - 23, 2018. The workshop was attended by 61 students from 16 colleges representing 14 cities of India. The aim was to sensitize the students of architecture in earthquake resistant design practices through technical lectures followed by design studios where they were given guidance in earthquake resistant design by working on an architectural design project. The resource persons included:



Prof. Keya Mitra, IEST Shibpur, Howrah; Prof. Vasudha Gokhale and Meera Shirolkar, Dr. B.N. College of Architecture for Women, Pune; Prof. Snigdha Sanyal, Centurion University, Bhubaneswar; Prof. Atanu Dutta, Jorhat Engineering College, Jorhat and Prof. Suresh Dash, IIT Bhubaneswar. The final designs were evaluated by a Jury board consisting Ar. Balbir Verma, Practicing Architect, New Delhi; Ar. Narendranath Mitra, Practicing Architect, Kolkata; Er. Karnail Singh, Retd., Chandigarh and Prof. Atanu Dutta, Jorhat.

The design of Shravya Durge of SMMCA, Nagpur; Afia Siddiqui of NIT, Raipur and Harsh Gupta of DDYPCA, Navi Mumbai were adjudged as the best by the jury. The workshop was sponsored by Computers & Structures Inc. (CSI) and several supporters of NICEE. For more information, visit: [http://www.nicee.org/Architecture Workshop/Arch Ws 2018 Report 2018.pdf](http://www.nicee.org/Architecture%20Workshop/Arch%20Ws%202018%20Report%202018.pdf)

PG Literature Review Workshop

This Annual Workshop was conducted at IIT Kanpur during June 07 - 16, 2018. Six Postgraduate students from 05 colleges across India participated in this. The participants were encouraged to make use of available literature at NICEE library and the Kelkar Library of IIT Kanpur for doing quality research work. They were also provided access to internet for downloading the published research literature. The participants had interaction with Prof. Durgesh C. Rai, Dr. KK Bajpai and Dr. Rajeev Gupta of IIT Kanpur.

The sponsors of the workshop were CSI Engineering Software Pvt. Ltd., New Delhi and the numerous other donors of NICEE.

For more information please visit:

http://www.nicee.org/MTech_Workshop

Institutional Membership

You may like to encourage your organisation to take up institutional membership of NICEE. For details: <http://www.nicee.org/AboutNICEE.php?id=18>

PLATINUM SUBSCRIBING MEMBERS

₹ 4 lakh (US\$ 10,000) per year or more

GOLD SUBSCRIBING MEMBERS

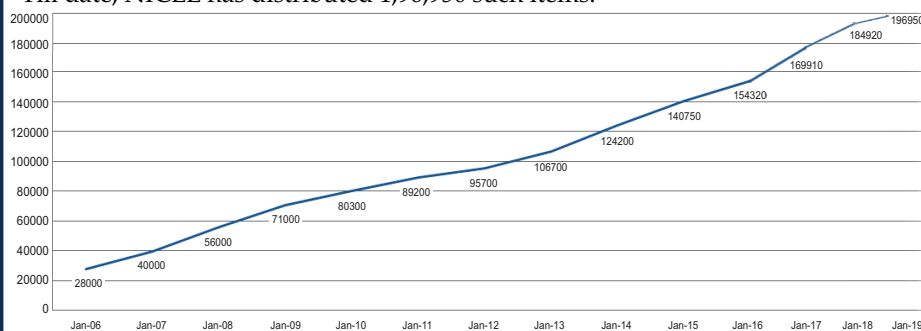
₹1 lakh (US\$ 2,500) per year or more

SILVER SUBSCRIBING MEMBERS

₹ 25,000 (US\$ 550) per year or more

Aggressive Dissemination of Literature

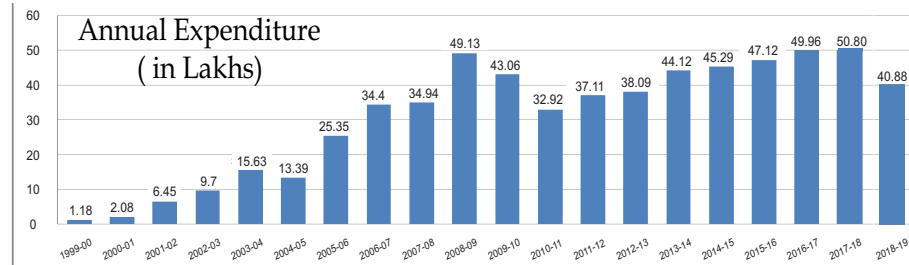
During the year 12,030 copies of books, monographs, and CDs, were distributed. Till date, NICEE has distributed 1,96,950 such items.



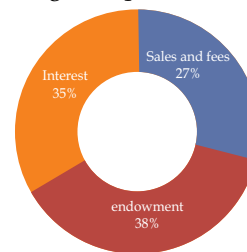
Earthquake Engineering Practice

The quarterly periodical *Earthquake Engineering Practice* continues to gain popularity. Its subscription list as of March 2018 stands at 3,400 from 73 countries. The periodical is being financially supported by the 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 ₹ 16.0 lakhs. To make it self-sustaining we invite advertisements/ sponsorships from the corporate sector.

NICEE Financials



Funding of Expenses - 2018-19



With a healthy growth of NICEE activities, the overall expenditure during the year stood at about ₹ 40.88 lakhs (₹ 50.80 lakhs last year). This was covered by a mix of resources from various sources: 27% from sales and fees; 38% from endowment and 35% from endowment interest.

The sale proceeds from publications and monographs were ₹ 11.05 lakhs as compared to ₹ 8.58 lakhs last year. The number of donors this year were 47 (61 last year) contributing a total of ₹ 15.45 lakhs with an average donation of ₹ 32,866/- (₹ 13.95 lakh last year with average of ₹ 21,455/-). Since inception, NICEE has received one or more donations from a total of 548 donors with an overall median of ₹ 5,000: this is a great endorsement of NICEE's activities by its friends and well wishers.

₹ 4,00,000/- and above

CSI-Engineering Software Pvt. Ltd., New Delhi

₹ 1,00,000/- to ₹ 3,99,999/-

IIT Gandhinagar, Gandhinagar, GJ

PNC Infratech Limited, Agra, UP

₹ 20,000/- to ₹ 99,999/-

Balbir Verma, New Delhi

₹ 4,000/- to ₹ 19,999/-

Ascent Consulting Engineers, Mumbai, MH

DELFI Consulting Engineers (I) Pvt. Ltd., Ahmedabad, GJ

N. Y. Kochak Consulting Engineers & Structural

Designers, Pune, MH

Sharma & Associates, Raipur, CG

M/s Structcon Designs Pvt Ltd, Mumbai, MH

Achintya, Sitamarhi, BR

Vivek Abhyankar, Mumbai, MH

Deepak B. Dave, Mumbai, MH

Atanu Kumar Dutta, Jorhat, AS

Sarvesh Kumar Jain, Gwalior, MP

Sudhir Kumar Jain, Gandhinagar, GJ

TS Kaith, New Delhi

Abhay Khandeshe, Ahmednagar, MH

Harikumar, New Delhi

S Harikumar, New Delhi

BB Ladge, Kolhapur, MH

Atop Lego, Itanagar, AR

C. S. Manohar, Bangalore, KA

Keya Mitra, Howrah, WB

Partha Pratim Nandy, Bangalore, KA

Bhabananda Nath, Jamnagar, GJ

A.S. Nikam, Pune, MH

Durgesh Rai, Kanpur, UP

Hari Chand Salaria, Ludhiana, PB

Chaitanya S Sanghvi, Ahmedabad, GJ

T. Viswanathan, New Delhi

Up to ₹ 3,999/-

M/S Omtatsat Infra, Ahmedabad, GJ

Amit Auti, Nagpur, MH

Sudipta Chattopadhyaya, Anupuram, TN

Ravindra Desai, Pune, MH

Anjan Kumar Dutta, Kolkata, WB

Sunil Gandhi, Rajkot, GJ

O. R. Jaiswal, Nagpur, MH

P Joginaidu, Visakhapatnam, AP

G. Sree Lakshmi, Hyderabad, AP

Gaurav Maroo, Noida, UP

M. L. Narasimhulu, Kurnool, AP

Hemant Y. Oke, Pune, MH

Amaresh S Patil, Kalaburagi, KA

Bhushan Raisinghani, Ahmedabad, GJ

N. Subramanian, Chennai, TN

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. Malikhan Singh