Event Report

Name of the Activity:	Training of Trainers (ToT) Workshop on Architecture Design Studio		
Theme of the Activity:	Development of Resource Material on Earthquake Engineering		
Activity Date(s):	17th to 19thJan'23	**No. of Participants:**	59

Brief Description of the Activity:

The National Disaster Management Authority (NDMA) has taken the initiative to developResource Materials on Earthquake Engineering/ Architecture for undergraduates in the disciplines of Civil Engineering and Architecture.

In consultation with experts, the NDMA initially identified the following 12 subjects for the development of resource materials: (i.) Introduction to Earthquakes. (ii.) Earthquake Structural Dynamics. (iii.) Earthquake Resistant Design. (iv.) Earthquake Geotechnical Engineering (v.) Earthquake Design of RC Structures. (vi.) Earthquake Design of Steel Structures. (vii.) Earthquake Design of Masonry Structures. (viii.) Earthquake Design of Non-Structural Elements. (ix.) Earthquake Structural Configuration. (x.) Design Studio - Earthquake Structural Configuration (xi.) Earthquake Design of RC and Steel Structures; and (xii.) Design Studio - Earthquake Design of RC and Steel Structures

Subsequently, the NDMA constituted a Core Group for the development of Resource Materials for Earthquake Engineering courses.After elaborate discussions, Core Group identified required topics in various subjects. It further categorized them as essential (or core) subjects and optional (or elective) subjects to fit into the existing curriculum. It was decided that resource materials should be developed on the following subjects: (1.) Structural Dynamics and Earthquake Engineering (2.) Earthquake Geotechnical Engineering (3.) Earthquake Resistant Design of RC Structures (4.) Earthquake Resistant Design of Steel Structures (5.) Design Studio – Earthquake-Resistant Structural Configuration.

After the finalisation of the initial Draft of Resource Material, one semester-long pilot offering of the subject was carried out under the project (Completed in Dec 2022). The colleges were identified by the Core Group in consultation with NDMA. Some of the colleges were located in Seismic Zones IV or V. The subject matter experts mentored the pilot offering pertaining to their respective subjects. Regular feedback on Resource Material was collected from the nominatedfaculties from these pilot institutes. The resource material has been further fine-tuned by thesubject matter expert based on the experience from the pilot offering.

In order to facilitate the use of the resource material, a two and a half day Training-of-Trainers workshop for about 60 architecture faculty members across India has been conducted at the University School of Architecture and Planning, Guru Gobind Singh Indraprastha University.

The feedback from this programme shall be used to refine the resource materials further, as and where required.

In summary, ToT workshop for architectural faculty members across India has been conducted at USAP to facilitate use of resource material developed in earthquake engineering and

feedback from workshop shall be incorporated towards finalisation of resource material.
Brief Description of Participants(like industry experts, students, faculty, etc)**:**
Participants include 59 faculty from architectural colleges across India. Key institutes represented at the workshop include,Birla Institute of Technology Mesra, College of Engineering Trivandrum, DIT University, Faculty of Architecture , SCET, Faculty of Architecture and Ekistics, Jamia Millia Islamia, Gautam Buddha University Greater Noida, IIT Bombay, IIT Roorkee, Indian Institute of Technology (BHU) Varanasi, Indira Gandhi Delhi Technical University for Women, Delhi, KIIT School of Architecture and Planning, Lovely Professional University, MeerabaiMaharanibagh DSEU Campus, National Institute of Technology Hamirpur, National Institute of Technology Patna, National Institute of Technology, Tiruchirappalli, Rachana Sansad's Academy of Architecture, School of Planning and Architecture, Bhopal, School of Planning and Architecture, New Delhi, School of Planning and Architecture, Vijayawada, SRM Institute of Science and Technology, Thiagarajar College of Engineering, University School of Architecture and Planning, GGSIPU
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Training-of-Trainers
Workshop on


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Workshop on
RCHITECTURE DESIGN STUDIO
17th – 19th January 2023, Delhi
Organised by
Indian Institute of Technology Bombay
in association with : University School of Architecture and Planning (USAP)
Guru Gobind Singh Indraprastha University, Delhi
PROF. (Dr.) PUSHPLATA
PROF. (Dr.) MAHESH VERMA
VICE-CHANCELLOR, GGSIPU
PROF. (Dr.) RAVI SINHA
PROF. (Dr.) Mandeep Singh
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