



Two-Day National Workshop on

Earthquake Safety of Buildings: Behaviour, Assessment, and Retrofitting

 10 - 11 OCTOBER 2025

Organized by: **Earthquake Engineering Research Centre (EERC), IIIT Hyderabad**

About the Workshop:

The workshop aims to provide participants with a comprehensive understanding of how buildings respond to earthquakes and the strategies available to improve their safety. With the increasing seismic vulnerability of existing and new structures, the need for effective assessment and retrofitting measures has become more crucial than ever. This two-day program will cover the fundamentals of seismic behaviour of buildings, seismic assessment of reinforced concrete (RC) and masonry buildings, techniques for seismic assessment, and modern retrofitting approaches, including sustainable materials and innovative strengthening methods.

Through sessions, case studies, and interactive discussions, the workshop seeks to bridge the gap between theory and practice, equipping participants with knowledge that can directly contribute to enhancing the resilience of our built environment. The program is designed for undergraduate & postgraduate students, practising structural engineers, and researchers, to help improve their knowledge and skills pertaining to seismic safety and risk reduction.

SPEAKERS



Prof. Pradeep K. Ramancharla
Director
CSIR-CBRI Roorkee



Dr. Sunitha Palissery
Assistant Professor
EERC, IIIT Hyderabad



Dr. Jofin George
Assistant Professor
EERC, IIIT Hyderabad



Dr. P. Pravin Kumar V. Rao
Assistant Professor
EERC, IIIT Hyderabad



Dr. Shubham Singhal
Assistant Professor
EERC, IIIT Hyderabad

Workshop Co-ordinators: EERC Faculty Members

WORKSHOP SCHEDULE

Day 1 – 10th October (Friday)

8:30 AM – 9:00 AM
Reporting

9:05 AM – 11:05 AM
Dr. Sunitha Paliserry
Session 1 – Fundamentals of Earthquake Behaviour of Buildings

11:10 AM – 11:25 AM
Tea Break

11:30 AM – 12:55 PM
Session 2 – Lab Visit and Demonstration

1:00 PM – 1:55 PM
Lunch Break

2:00 PM – 3:25 PM
Dr. Jofin George
Session 3 – Seismic Assessment of Built Infrastructure

3:30 PM – 3:45 PM
Tea Break

3:50 PM – 5:30 PM
Session 4 – Lab Visit and Demonstrations

Day 2 – 11th October (Saturday)

8:30 AM – 10:00 AM
Dr. P. Pravin Kumar Venkat Rao
Session 5 – Seismic Retrofit of Masonry Buildings

10:05 AM – 10:20 AM
Tea Break

10:25 AM – 12:20 PM
Dr. Shubham Singhal
Session 6 – Seismic Retrofit of RC Buildings

12:25 PM – 12:55 PM
Prof. Pradeep Kumar Ramancharla
Session 7 – Seismic Safety of Buildings in India: An Overview

1:00 PM – 1:55 PM
Lunch Break

2:00 PM – 4:00 PM
Session 8 - Structural Trivia Challenge (Quiz Contest)

4:05 PM – 4:20 PM
Tea Break

4:25 PM – 5:30 PM
Feedback and Certificate Distribution

REGISTRATION FEE

Rs.1000 Students (UG, PG, and Research Scholars)

Rs.2000 Faculty/Industry Personnel

Note:

- 100 seats are available.
- Priority to early registrants.
- All registration payments to be made online.
- Registration fee includes workshop kit, refreshments, and lunch.
- Registration fee does not include cost of accommodation.
- On-campus accommodation is not available.

Scan to Payment



To know about
Earthquake Engineering
Research Centre (EERC)



✉ Contact in case of query:
eerc@iiit.ac.in

Registration
deadline
30 SEPT.
2025

REGISTER: <https://payments.iiit.ac.in/eerc>