



International Workshop on Seismic Isolation

MONDAY, 3 JUNE, 2024
8:30 AM - 6:15 PM
VMCC 31, IIT BOMBAY

Event website: www.manishkumar.org/SI2024

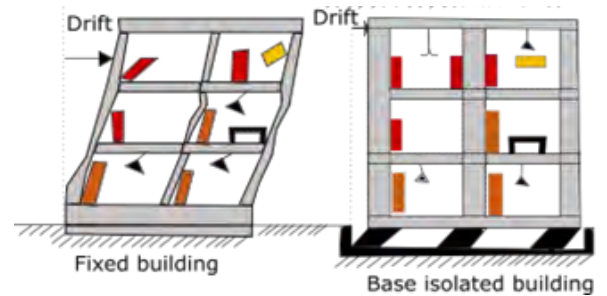
ABOUT THE WORKSHOP

Seismic isolation is an effective technology for safety of structures against earthquakes that can ensure continued functionality and operational performance of critical structures (e.g., hospitals, bridges, operation control buildings, data centres) during major earthquakes to assist in relief and recovery operations. This workshop brings experts from multiple countries (India, US, UK and Taiwan) to develop diverse and comprehensive understanding of seismic isolation systems, their design, application and performance expectation.

Gold Sponsor
mageba

Structural bearings | Expansion joints |
Seismic devices | Structural monitoring |

SEISMIC ISOLATION



LEAD-RUBBER BEARING

Lead-rubber bearing is a typical of elastomeric seismic isolation bearing with a lead core at the centre for energy dissipation

Base-isolated Police HQ
in Patna, Bihar
SARDAR PATEL BHAWAN



This bridge in California is near two active seismic faults, designed for 1.2 m of displacement and remain operational after a major earthquake

BENICIA-MARTINEZ BRIDGE



seismicisolation24@gmail.com

Event Website
Scan here



GUEST SPEAKERS



Andrew S Whittaker
SUNY Distinguished Professor
University at Buffalo



Durgesh C. Rai
Professor
IIT Kanpur



Vasant Matsagar
HOD and Professor
IIT Delhi



Yin-Nan Huang
Associate Professor
NTU, Taiwan



S. D. Bharti
Professor
MNIT Jaipur



Manish Kumar
Associate Professor
IIT Gandhinagar



Dr. Shoma Kitayama
Lecturer
Brunel University, UK



Manish Kumar
Associate Professor
IIT Bombay

Panel Session

Prof. S.D.Bharti

Dr. Jaswant Arlekar

Dr. Yin-Nan Huang

Dr. Manish Kumar (IITGn)

Dr. Manish Kumar (IITB)

What to Expect

Keynote Addresses: From renowned experts offering fresh perspectives on seismic isolation of structures.

Panel Discussions: Interactive sessions on specialized topics, fostering in-depth discussions.

Networking Opportunities: Connect with peers, researchers, and professionals from diverse backgrounds

	Workshop schedule June, 03 2024	
09:15 - 10:00	Introduction and welcome	
10:00 - 10:45	Earthquake safety of critical infrastructure in India – Role of seismic isolation	Prof. Durgesh C. Rai (IITK)
10:45 - 11:00	Tea/Coffee Break	
11:00 – 11:45	Introduction to design and application of elastomeric based isolation systems	Prof. Manish Kumar (IITB)
11:45 - 12:30	Introduction to design and application of sliding isolation systems	Prof. Manish Kumar (IITGn)
12:30 – 13:15	Continued functionality of structures through seismic isolation	Dr. Shoma Kitayama (Brunel University, UK)
13:15 – 14:30	Lunch Break	
14:30 – 15:15	Probabilistic seismic performance assessment of base-isolated buildings	Dr. Yin-Nan Huang (NTU, Taiwan)
15:15 - 16:00	Application of seismic isolation in India (online)	Prof. Vasant Matsagar (IITD)
16:00 - 16:15	Tea/Coffee Break	
16:15 - 17:00	Seismic isolation for nuclear safety and standardization (online)	Prof. Andrew Whittaker (University at Buffalo)
17:00 - 17:20	Industry experience of seismic isolation	Mageba
17:20 - 18:00	Panel Discussion	Prof. S. D. Bharti (MNITJ)
18:00 - 18:15	Vote of thanks and felicitation	

Registration Fee (including GST@18% Indian)

Students	₹ 4130
Academic and Govt. Institutions	₹ 5310
Industry	₹ 7080

Registration fee includes access to lectures, workshop materials, lunch, coffee and refreshments.

Note : Registration ends on 29th May 2024.

Note : Spot registration facility is not available.

Payment & Registration Details

Name of the Account holder - **Registrar, IIT Bombay**

Complete Address - IIT Bombay, Adi Shankaracharya Marg, Powai, Mumbai - 400076

Name of the Bank - State Bank of India

Account Number : **10725729173**

Type of Account - Current

IFSC CODE : **SBIN0001109**

MICR CODE : 400002034

Note: Once the payment is confirmed we request you to kindly fill this Registration form

<https://forms.gle/GNUv5K4sUNJ4Kh3S8>

Refund Policy: Request for Registration Fee Refund in case of cancellation or No-Show cannot be entertained.

Local Accommodation

Limited accommodation is available through payment on first come, first serve basis.
Last date of requesting accommodation is on 25th May 2024.


Venue Details


Room No: 31, Thrid Floor,
Victor Menezes Convention Centre,
Infinity Corridor, Academic Section, Powai
Mumbai, MH 400076

<https://maps.app.goo.gl/q4WmVKAtZd3PyBXG6>

Contact Us

Prof. Manish Kumar (Organizing secretary)
Department of Civil Engineering, IIT Bombay

 seismicisolation24@gmail.com

 www.manishkumar.org/SI2024