

15.30-16.30	Effect of Earthquakes on buildings	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> • Dead & Earthquake loads • Load paths • Effects of earthquakes on structural and non-structural members 	IIT-Gandhinagar
Day -2: 5th March 2025			
9.00-10.00	Breakfast		
10.30-12.00	Earthquake Resistant Construction of Buildings	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> • General Construction aspects of Masonry & RCC buildings • Seismic design philosophy • Types of structural failures • Ductile detailing of structural members (columns, beams, joints, foundation, etc) • Construction against geological hazards 	LDCE
12.00-12.15	Tea break		
12.15-13.00	ShakeOut Drill	At the end of the session, participants will be able to understand: <ul style="list-style-type: none"> • Introduction to ShakeOut Drill • How to practice, DROP, COVER and HOLD ON Technique • Assessing the situation after shaking stops • Evacuation procedure 	GIDM
13.00-14.00	LUNCH break		
14.00-15.15	Maintenance, Repair and Retrofitting of Buildings in earthquake prone areas	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> • Identification of structural deficiencies • Maintenance & Repair procedure • Different methods for retrofitting • Case studies 	CBRI/PDEU/IIT-GN
15.15-15.30	Tea Break		
15.30-16.00	Valedictory Session	<ul style="list-style-type: none"> • Post-test • Feedback • Certificate distribution • Group photo 	GIDM
