

## Schedule

**Name of Training:** Training of Engineers for Training of Masons in Hazard Resistant Construction

**Date:** 22<sup>nd</sup> Nov – 27<sup>th</sup> Nov 2021

**Venue:** GIDM, Gandhinagar

Time	Topic	Partner Agency/ Resource person
<b>DAY-1</b>		
10.30hrs -11.00hrs	Introduction of Participants and Purpose of Training	Shri Piyush Ramteke, RSPM, GIDM
11.00hrs-12.00hrs	Basics of DRM	Dr. Repaul Kanji, RSPM, GIDM
12.00hrs-12.15hrs	<b>TEA BREAK</b>	
12.15hrs-13.15hrs	Basics of DRM (Continued)	Dr. Repaul Kanji, RSPM, GIDM
13.15hrs-14.15hrs	<b>LUNCH</b>	
14.15hrs-15.15hrs	Housing Typologies of the Region: Contribution and Role of Artisans	Hunnarshala Foundation, Kutch-Bhuj
15.15hrs-15.30hrs	<b>TEA BREAK</b>	
15.30hrs-16.30hrs	Hazards: Severity, Zonation and Impact on Buildings	Maj. Chaitanya Sanghvi, LDCE, Ahmedabad
<b>DAY-2</b>		
10.30hrs-11.30hrs	Principles of hazard Resistant Construction	PDEU
11.30hrs-11.45hrs	<b>TEA BREAK</b>	
11.45hrs-13.00hrs	Hazard Resistant Features for House Size and Configuration	PDEU
13.00hrs-14.00hrs	<b>LUNCH</b>	
14.00hrs-15.00hrs	Importance of Site and Soil Conditions	Shri Manish Kumar, Assistant Professor, IIT-GN
15.00hrs-15.15hrs	<b>TEA BREAK</b>	
15.15hrs-16.15hrs	Hazard Resistant Features: Foundation and Plinth	Hunnarshala Foundation, Kutch-Bhuj
16.15hrs-17.15hrs	Hazard Resistant Features: Walls and Openings	Maj. Chaitanya Sanghvi, LDCE, Ahmedabad
<b>DAY-3</b>		
10.30hrs-11.30hrs	Hazard Resistant Features: Roofs	R&B Dept.
11.30hrs-11.45hrs	<b>TEA BREAK</b>	
11.45hrs-13.00hrs	Hazard Resistant Features for Other Construction Elements	R&B Dept.
13.00hrs-14.00hrs	<b>LUNCH</b>	
14.00hrs-15.00hrs	Estimation of Quantities and Costs	R&B Dept.
15.00hrs-15.15hrs	<b>TEA BREAK</b>	
15.15hrs-17.00hrs	Visit to ISR	ISR, Gandhinagar

DAY-4		
9.30hrs to 17.00hrs	<b>Field Visit-I</b> 1. Orientation on Practical Sessions 2. Understanding Basic Construction <ul style="list-style-type: none"> <li>• Basic Construction Tools</li> <li>• Bar Bending</li> <li>• Construction Safety</li> <li>• Brick Masonry and Stone Masonry</li> </ul> 3. Examining Quality of Materials and Importance of Construction Tools and Good Quality Construction <ul style="list-style-type: none"> <li>• Brick Quality</li> <li>• Stone Quality</li> <li>• Test for Sand</li> <li>• Test for Steel</li> <li>• Test for cement</li> <li>• Test for concrete blocks</li> </ul> 4. Layouting	CSTI, L&T, Ahmedabad
DAY-5		
	<b>Field Visit-II</b> 1. Bar Bending activity 2. Constructing Hazard Resistant Foundation <ul style="list-style-type: none"> <li>• Strip Foundation</li> </ul> Stub Foundation 3. Constructing Brick Masonry <ul style="list-style-type: none"> <li>• Header Bond</li> <li>• Stretcher Bond</li> <li>• English Bond</li> <li>• Flemish Bond</li> </ul> 4. Constructing Hazard Resistant Roofs <ul style="list-style-type: none"> <li>• Gable Roof</li> <li>• Flat Roof</li> </ul> 5. Rural House Construction and Materials Available	CSTI, L&T, Ahmedabad
DAY-6		
11.00hrs-12.00hrs	Course Test	GIDM
12.00hrs-12.15hrs	<b>TEA BREAK</b>	
12.15hrs-13.00hrs	Interaction with DG-GIDM	GIDM
13.00hrs-14.00hrs	<b>LUNCH</b>	
<i>End of Training Programme</i>		