

# RACHNA

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

## Training #12: One-Day Awareness Programme

### 'Innovative Construction Technologies & Best Construction practices'

Location: Chennai | Date : 19<sup>th</sup> May 2022 | Time : 10:30 AM to 5:00 PM

#### ABOUT THE TRAINING

The Ministry of Housing & Urban Affairs (MoHUA) in partnership with GIZ and the Building Material and Technology Promotion Council (BMTPC) is hosting a series of training/workshops on Innovative Construction Technologies & Thermal Comfort for Affordable Housing named **RACHNA** (Resilient, Affordable and Comfortable Housing through National Action). The main focus of the training is thermal comfort and its necessity in the affordable housing sector. The training covers the innovative new construction technologies that are available especially in India to create Climate-Smart Buildings. The outcome of the training would be to make the contractors, masons, field workers expertise in the current technologies & best construction practices.

#### TARGET AUDIENCE

Contractors



Masons



Field workers

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Tamilnadu

## Innovative Construction Techniques & Up skilling Contractors and Masons

Location: Chennai | Date : 19<sup>th</sup> May 2022 | Time : 10:30 AM to 5:00 PM

### AGENDA – Day 1

TIME	SESSION	TOPIC	SPEAKER
10:30am –10:45am	Introduction	Welcome Address	CSB Cell
		<ul style="list-style-type: none"> <li>LHP Technologies</li> <li>Trainer Introduction</li> </ul>	
10:45am - 11:45am	Session – 1	Construction materials and Technology: <b>Earth</b> <ul style="list-style-type: none"> <li>Excavation &amp; its hazards</li> <li>Compaction methods</li> <li>Piling types&amp; Sand usage</li> </ul> <b>Stone</b> <ul style="list-style-type: none"> <li>Aggregate types</li> <li>Different types of Blocks</li> <li>Masonry types</li> </ul>	Trainer – Mr. Syed Fazlullah Khan
11:45am – 12:00pm	Tea Break		
12:00pm - 01:00pm	Session - 1 cont.	<b>Metals</b> <ul style="list-style-type: none"> <li>Steel uses</li> <li>Cast iron uses</li> <li>Galvanized Iron uses</li> </ul> <b>Technology</b> <ul style="list-style-type: none"> <li>Precast &amp; Prefabricated system</li> <li>Pre-engineered Steel structures</li> <li>PVC stay-in-place formwork</li> </ul>	Trainer – Mr. Syed Fazlullah Khan
01:00pm - 02:45pm	Lunch		
02:45pm - 03:45pm	Session – 2	Construction materials and Technology: <b>Earth</b> <ul style="list-style-type: none"> <li>Excavation &amp; its hazards</li> <li>Compaction methods</li> <li>Piling types&amp; Sand usage</li> </ul> <b>Stone</b> <ul style="list-style-type: none"> <li>Aggregate types</li> <li>Different types of Blocks</li> <li>Masonry types</li> </ul>	Trainer – Mr. Syed Fazlullah Khan
03.45pm – 04.00pm	Tea Break		
04:00pm - 05:00pm	Session - 2 cont.	<b>Metals</b> <ul style="list-style-type: none"> <li>Steel uses</li> <li>Cast iron uses</li> <li>Galvanized Iron uses</li> </ul> <b>Technology</b> <ul style="list-style-type: none"> <li>Precast &amp; Prefabricated system</li> <li>Pre-engineered Steel structures</li> <li>PVC stay-in-place formwork</li> </ul>	Trainer – Mr. Syed Fazlullah Khan