

# RACHNA

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

## Training #48: Two-Day Training Programme on

### 'Innovative Construction Technologies for Affordable Housing'

Location: AHP Vavdi (Rajkot) | Date : 7<sup>th</sup> & 8<sup>th</sup> July 2022, Thursday & Friday | Time : 10:00 AM to 5:00 PM

#### ABOUT THE TRAINING:

The Ministry of Housing & Urban Affairs (MoHUA) in partnership with GIZ and Building Material and Technology promotion Council (BMTPC) is hosting series of trainings/workshops on Innovative Construction Technologies & Thermal Comfort for Affordable Housing named **RACHNA** (Resilient, Affordable and Comfortable Housing through National Action). The prime focus of this training is thermal comfort and its necessity in the affordable housing sector. The training covers the thermal comfort basics, material influences, low-cost solutions & codes that are available in India to create Climate-Smart Buildings. The outcome of the training would be to make the stakeholders in the affordable housing sector understand the need for thermal comfort & urge them to include no cost or low-cost strategies in upcoming projects.

#### JOIN US AT:

AFFORDABLE HOUSING PROJECT,  
Vavdi: FP No. 15 A + 28 A,  
TPS No 15, Rajkot - Gujarat

For Further Details, Please drop an email to  
Mr. Winamra Negi; [in\\_rajkot\\_giz\\_csbcell@pwc.com](mailto:in_rajkot_giz_csbcell@pwc.com);

#### TARGET STAKEHOLDERS



Training Program tailored for Contractors, Masons, Plumber, Electrician, Insulation Applicators, and the Construction Field Workers

## Innovative Construction Technologies & Thermal Comfort for Affordable Housing

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### AGENDA – Day 1 & 2

DURATION	TOPIC	SPEAKER
10:00-10:30	Registration of Participants	Climate Smart Buildings (CSB) Cell
10:30-11:00	Welcome Address	Climate Smart Buildings (CSB) Cell
11:00-11:15	HIGH-TEA	
11:15-12:15	<p>Session 1: LHP &amp; It's Construction Technology. GHTC Brief on other LHP Construction Technologies.</p> <p>a) Monolithic Concrete Construction using Tunnel Formwork - Rajkot,</p> <p>b) Precast Components assembled at Site - Chennai</p> <p>c) Prefabricated Sandwich Panel System - Indore,</p> <p>d) Precast Concrete Construction System – 3D Volumetric – Ranchi</p> <p>e) Light Gauge Steel Structural System &amp; Pre-engineered Steel Structural System – Agartala</p> <p>f) PVC Stay in Place Formwork System – Lucknow</p>	<p>Mr. Kanishk Bhatt Architect Consultant, CSB Cell - GiZ</p>
12:15-13:15	<p>Session 2: Detailed Presentation on Construction Technology Process of LHP Rajkot</p> <p>a) Site Excavation &amp; Stabilization</p> <p>b) Column Laying &amp; Structure</p> <p>C) Technology specific construction &amp; other walling &amp; roof components details</p> <p>d) Plastering &amp; Finishes</p> <p>e) Improving efficiency in construction</p>	<p>Mr. Kanishk Bhatt Architect Consultant, CSB Cell - GiZ</p>
13:15-14:00	LUNCH BREAK	
14:00-16:00	<p>Session 3: Vocational Training</p> <p>a) Practical Implementation (Showcasing On Site Building Construction)</p>	<p>Mr. Kishor Vekariya Add. Assistant Engineer – Rajkot Municipal Corporation [AHP Vavdi, Rajkot]</p>
16:00-16:30	Question & Answer Session	Climate Smart Buildings (CSB) Cell
16:30-16:35	Vote of Thanks	Climate Smart Buildings (CSB) Cell
16:35-17:00	HIGH-TEA	

End of Day