

# RACHNA

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

## Training #70: One-Day Training Programme on

### 'Innovative Construction Technologies & Thermal Comfort for Affordable Housing'

Location: Dimapur | Date : 29<sup>th</sup> July 2022 , Friday | Time : 09:30 AM to 5:30 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:

PWD Office Complex  
Conference Hall – 3<sup>rd</sup> Floor  
Dimapur - 797113

For Further Details, Please drop an email to  
Mr. Rajesh Debbarma  
[in\\_agartala\\_giz\\_csbcell@pwc.com](mailto:in_agartala_giz_csbcell@pwc.com)

#### TARGETED STAKEHOLDERS



Senior Govt.  
Officials &  
Policy makers



Built-environment  
professionals &  
Govt. Departments



Building Sector  
Stakeholders



Technograhis

## Innovative Construction Technologies & Thermal Comfort for Affordable Housing

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### AGENDA

DURATION	TOPIC	SPEAKER
9:30-10:00	Registration	
10:00-10:15	Welcome Address	Smt. Nitoli Sema Executive Engineer PWD Nagaland
10:15-10:30	Introduction to MoHUA's Housing for All Programme, GIZ, and the Bilateral Programme – Climate Smart Buildings (CSB)	GIZ Team
10:30-10:45	<b>HIGH-TEA &amp; NETWORKING</b>	
10:45-12:15	Session 1: Thermal Comfort: a) Indices, b) Thermal comfort in Affordable Housing c) Passive strategies & Building Physics, d) Case studies	Smt. Ragini Goswami ECBC Master Trainer certified by Bureau of Energy Efficiency
12:15-13:00	Session 2: Thermal Comfort models: a) Thermal Comfort standards i. IMAC & ii. ASHRAE b) Effect of materials on thermal comfort	Smt. Ragini Goswami ECBC Master Trainer certified by Bureau of Energy Efficiency
13:00-14:00	<b>LUNCH BREAK</b>	
14:00-15:00	Session 3: New age innovative technologies along with the 6 LHP construction technologies	Shri Rahul Bose Architect – CSB East Cluster Cell
15:00-16:00	Session 4: EcoNiwas Samhita Part 1 & 2 and its compliances	Shri Saibal Saha ECBC Master Trainer certified by Bureau of Energy Efficiency
16:05-17:00	<b>HIGH-TEA &amp; NETWORKING</b>	
16:15-17:00	Session 5: a) Low Energy Comfort Systems and BEE Star Labelling & b) Indian & International Best Practices	Shri Saibal Saha ECBC Master Trainer certified by Bureau of Energy Efficiency
17:00-17:15	Q&A and feedback	Climate Smart Buildings (CSB) East Cluster Cell
17:15-17:30	Vote of Thanks	CSB East Cluster Cell

**CLOSE**