

# RACHNA

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

## Training #34: Two-Days Training Programme on

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

Location: Chennai | Date : 16<sup>th</sup> & 17<sup>th</sup> June 2022 | Time : 09:30 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:

Hotel Simsan,  
Poonamalee High Road, Koyembedu  
Chennai, Tamilnadu

For Further Details, Please drop an email to Mr. Anand  
Sachithanatham at [chennai.gizscbcell@gmail.com](mailto:chennai.gizscbcell@gmail.com)

#### TARGET STAKEHOLDERS



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 – Day 1

DURATION	TOPIC	SPEAKER
09:30-10:00	Registration	
10:00-10:05	Welcome Address	Climate Smart Buildings (CSB) Cell
10:05-10:30	GIZ and the Bilateral Programme – Climate-Smart Buildings (CSB) & its activities	Climate Smart Buildings (CSB) Cell / GIZ
10:30-11:30	Session 1: New age innovative technologies along with the 6 LHP construction technologies	Mr. Balaji LHP Chennai Site In-Charge, Building Materials & Technology Promotion Council (BMTPC)
11:30-11:45	HIGH-TEA & NETWORKING	
11:45-12:45	Session 2: Thermal Comfort: a) Indices b) Thermal comfort in Affordable Housing c) Passive strategies & Building Physics	Mr. Crosby Paul ECBC Master Trainer certified by Bureau of Energy Efficiency
12:45-13:00	Q&A	Climate Smart Buildings (CSB) Cell
13:00-14:00	LUNCH BREAK	
14:00-15:20	Session 3: Thermal Comfort models: a) Thermal Comfort standards i. IMAC ii. ASHRAE b) Effect of building materials on thermal comfort c) Case studies	Mr. Crosby Paul ECBC Master Trainer certified by Bureau of Energy Efficiency
15:20-16:30	Session 5: Green Building Ratings a) Brief b) LHP Chennai Green Measures	Climate Smart Buildings (CSB) Cell
16:30-16:45	Q&A	Climate Smart Buildings (CSB) Cell
16:45-17:00	HIGH-TEA & NETWORKING	
	End of Day 1	

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### AGENDA – Day 2

DURATION	TOPIC	SPEAKER
10:00-11:00	Session 1: Eco Niwas Samhita (ENS) Part 1 and its compliances	Mrs. Girija ECBC Master Trainer certified by Bureau of Energy Efficiency
11:00-11:15	HIGH-TEA & NETWORKING	
11:15-12:45	Session 2: LHP Chennai a) Compliance with ENS Part 1 b) Thermal comfort analysis c) Recommendations	Climate Smart Buildings (CSB) Cell
12:45-13:00	Q&A	Climate Smart Buildings (CSB) Cell
13:00-14:00	LUNCH BREAK	
14:00-15:00	Session 3: ENS Part 2 and its compliances	Mrs. Girija ECBC Master Trainer certified by Bureau of Energy Efficiency
15:00-16:00	Session 4: a) Low Energy Comfort Systems and BEE Star Labelling b) Indian & International Best Practices	Mrs. Girija ECBC Master Trainer certified by Bureau of Energy Efficiency
16:00-16:30	i. Demonstration Housing Project analysis- Puducherry ii. ARHC Sriperumbudur	Climate Smart Buildings (CSB) Cell
16:30-16:45	Q&A and feedback	Climate Smart Buildings (CSB) Cell
16:45-16:50	Vote of Thanks	Climate Smart Buildings (CSB) Cell
16:50-17:00	HIGH-TEA & NETWORKING	
	End of Day 2	

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