

RACHNA

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

Training #36: One-Day Training Programme on

'Innovative Construction Technologies & Thermal Comfort for Affordable Housing'

Location: Delhi | Date : 17th June 2022, Friday | Time : 10:00 AM - 04:30 PM

ABOUT THE TRAINING PROGRAMME:

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 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 programme is to make participants gain knowledge on thermal comfort and its necessity in the affordable housing sector. The programme covers material influences, low-cost solutions & codes that are available in India to create Climate-Smart Buildings. The participants will also get familiar with a low energy comfort system and global best practices. The outcome of the programme would be to develop the capacities of participating policymakers and implementers for mainstreaming thermal comfort in housing policies and incorporating thermal comfort provisions in Byelaws.

Venue:

**Juniper Hall: Habitat World at
India Habitat Centre, Lodhi Road.
New Delhi - 110003**

*For Further Details, Please drop an email to
Mr. Amrish Chaturvedi; lucknow.gizcsbcell@gmail.com*

TARGET STAKEHOLDERS



**Senior Govt.
Officials &
Policy makers**



**Built-environment
professionals &
Govt. Departments**



**Building Sector
Stakeholders**

Innovative Construction Technologies & Thermal Comfort for Affordable Housing

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AGENDA

DURATION	TOPIC	SPEAKER
10:00 - 10:30	Registration	
10:30 - 10:40	Lamp Lighting	By Dignitaries
10:40 - 10:50	Welcome Address	Shri Vikash Ranjan, Project Head, GIZ
10:50 - 11:00	Felicitation of Dignitaries	Shri Vikash Ranjan, Project Head, GIZ
11:00 - 11:15	Keynote Address	Chief Guest Shri Kuldip Narayan (IAS), JS & MD HFA
11:15 - 11:30	HIGH TEA & NETWORKING	
11:30 - 12:00	New age innovative technologies along with the 6 LHP construction technologies focusing on - efficiency in construction, mainstreaming & replication of technologies.	Shri Shailesh Kr. Agrawal, ED, BMTPC
12:00 - 12:30	Introduction: Thermal Comfort for Affordable Housing	SMH Adil, TL, CSB Cell, Lucknow
12:30 - 13:15	Session 1: Thermal Comfort a) Need and Impact b) Thermal comfort in Affordable Housing c) Passive strategies & Building Physics d) Case Studies	Expert Trainer (Gaurav Shorey)
13:15 - 14:15	LUNCH BREAK	
14:15 - 14:45	Session 2: Thermal Comfort models a) Thermal Comfort standards 1. IMAC 2. ASHRAE b) Effect of materials on thermal comfort	Expert Trainer (Gaurav Shorey)
14:45 - 15:30	Session 3: Eco Niwas Samhita EcoNiwas Samhita Part 1 & 2, Overview and its role in Thermal Comfort and Energy Efficiency in affordable housing	Expert Trainer (Saif Uddin)
15:30 - 16:00	Session 4: Star Labelling a) Low Energy Comfort Systems and BEE Star Labelling b) Indian & International Best Practices	Expert Trainer (Saif Uddin)
16:00 - 16:15	HIGH TEA & NETWORKING	
16:15 - 16:30	Vote of thanks	Shri Vikash Ranjan, Project Head, GIZ