

# RACHNA

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

## Training #31: One-Day Training Programme on

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

**Location: Delhi | Date : 14<sup>th</sup> June 2022, Tuesday | Time : 10:00 AM to 5:30 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 New age Innovative Construction Technologies & Thermal Comfort for Affordable Housing named RACHNA (Resilient, Affordable and Comfortable Housing through National Action). The prime focus of this awareness workshop is to make participants aware of the Climate-Smart Buildings programme and gain knowledge on thermal comfort and its necessity in the affordable housing sector. The programme will cover the thermal comfort basics, material influences, low-cost solutions & codes that are available in India to create Climate-Smart Buildings. The participants will also learn about six Light-House Project's Construction Technologies and aspects of mainstreaming and replication of these technologies in their upcoming or future projects.

### Venue:

Conference Hall,  
Delhi Development Authority  
Vikas Sadan, INA, New Delhi

*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  
Builders / Developers



Technograhis

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### AGENDA

TIME	SESSION	TOPIC	SPEAKER
10:00 - 10:15	Introductory Session	Welcome Address	Shri Vikash Ranjan, Project Head, GIZ
		Keynote Address	TBA (Chief Guest from DDA)
10:15 - 10:30		Introduction to MoHUA's Housing for All Programme, GIZ, and the Bilateral Programme – Climate Smart Buildings	GIZ
10:30 - 10:45	HIGH TEA and NETWORKING		
10:45 - 12:15	Session-1	Thermal Comfort: a) Indices b) Thermal comfort in Affordable Housing c) Passive strategies & Building Physics d) Case studies	Expert Trainer (Gaurav Shorey)
12:15 - 13:00	Session - 2	Thermal Comfort models: a) Thermal Comfort standards i.IMAC ii.ASHRAE b) Effect of materials on thermal comfort	Expert Trainer (Gaurav Shorey)
13:00 - 14:00	LUNCH BREAK		
14:00 - 15:00	Session - 3	New age innovative technologies along with the 6 LHP construction technologies focusing on - efficiency in construction, mainstreaming & replication of technologies, and sustainable cum thermal comfort aspects.	Expert Trainer (Saif Uddin)
15:00 - 16:00	Session - 4	EcoNiwas Samhita Part 1 & 2 and its compliance	Expert Trainer (Saif Uddin)
16:00 - 16:15	HIGH TEA and NETWORKING		
16:15 - 17:00	Session - 5	a) Low Energy Comfort Systems and BEE Star Labelling b) Indian & International Best Practices	Expert Trainer (Gaurav Shorey)
17:00 - 17:15	Concluding Session	Question & Answer Session	Climate Smart Buildings (CSB) Cell
17:15 - 17:30		Vote of Thanks	GIZ