

# RACHNA

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

## Online Training Programme for Practitioners, on

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

**Location: Online (Google Meet) | Date: 18<sup>th</sup> July 2022, Monday | Time: 11:00 AM to 4:00 PM**

### ABOUT THE TRAINING PROGRAMME

'RACHNA for practitioners' training program will deliver in-depth knowledge on thermal comfort, its nuances, and its relationship with building physics. Moreover, it will discuss design strategies, construction techniques, policy documents, building codes, international practices, and other aspects relevant to thermal comfort in affordable housing through a suite of case studies. Additionally, it will familiarize participants with the evaluation process of thermal comfort, the statistics, and indicators involved as well as affordable cooling technologies and their applicability in various climates.

### Meeting-Link:

[meet.google.com/htv-mttb-jkg](https://meet.google.com/htv-mttb-jkg)

For Further Details, Please drop an email to  
[upma@gedindia.org](mailto:upma@gedindia.org)

### TARGET STAKEHOLDERS



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



**Building Sector  
Stakeholders  
Builders / Developers**



**Technograhis**

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

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### AGENDA

TIME	SESSION	TOPIC	SPEAKER
11:00 - 11:15	Introductory Session	Welcome Address	SMH Adil GEED
11:15 - 11:30		Keynote Address	Sh. Vikash Ranjan GIZ
		Introduction to MoHUA's Housing for All Programme, GIZ, and the Bilateral Programme – Climate-Smart Buildings	
11:30 - 12:10	Session-1	Thermal Comfort: a) Indices b) Thermal comfort in Affordable Housing c) Passive strategies & Building Physics d) Case studies	Mr. Abu Talha (Expert Trainer)
12:10 - 12:15		Question & Answer Session	
12:15 - 12:55	Session - 2	Thermal Comfort models: a) Thermal Comfort standards i. IMAC ii. ASHRAE b) Effect of materials on thermal comfort	Mr. Abu Talha (Expert Trainer)
12:55 - 13:00		Question & Answer Session	
13:00 - 14:00	<b>LUNCH BREAK</b>		
14:00 - 14:25	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.	Mohd. Zaid Khan GEED
14:25 - 14:30		Question & Answer Session	
14:30 - 15:25	Session - 4	EcoNiwas Samhita Part 1 & 2 and its compliance	Mr. Abu Talha (Expert Trainer)
15:25 - 15:30		Question & Answer Session	
15:30 - 15:45	Session - 5	a) Low Energy Comfort Systems and BEE Star Labelling b) Indian & International Best Practices	Mr. Saif Uddin (Expert Trainer)
15:45 - 15:55		Question & Answer / Feedback Session	
15:55 - 16:00	Concluding Session	Vote of Thanks	Sh. Vikash Ranjan GIZ