

# RACHNA

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

## Training #55: One-Day Training Programme on

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

Location: CRRID, Chandigarh | Date: 28<sup>th</sup> July 2022 , Thursday

| 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:

Center for Research in Rural and Industrial Development (CRRID),  
Sector 19 A, Madhya Marg - Chandigarh



For Further Details, Please drop an email to  
Mr. Winamra Negi; [in\\_rajkot\\_giz\\_csbcell@pwc.com](mailto:in_rajkot_giz_csbcell@pwc.com)

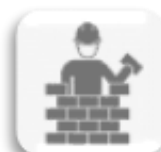
#### TARGET STAKEHOLDERS



Senior Govt.  
Officials &  
Policy makers



Built-environment  
professionals &  
Govt. Departments



Building Sector  
Stakeholders



Technograhis

# Innovative Construction Technologies & Thermal Comfort for Affordable Housing

Location: Center for Research in Rural and Industrial Development (CRRID), Chandigarh | Date : 28<sup>th</sup> July 2022, Thursday  
| Time : 09:30 AM to 5:00 PM |

## AGENDA

DURATION	TOPIC	SPEAKER
9:30-10:30	Registration	
10:30-11:00	Inaugural Session: -	
	1. Welcome Address & Introduction to MoHUA's Housing for All Programme, GIZ, and the Bilateral Programme – Climate Smart Buildings (CSB)	GiZ / GiZ - Climate Smart Buildings (CSB) Cell
	2. Keynote Address	Ar. Jit Kumar Gupta – Chairman: Chandigarh IGBC Chapter; Chairman: Board of Examination & Architectural Education; and Advisor: Journal of Indian Institute of Architects, Chandigarh
	3. Inaugural Address	Chief Guest: Shri. Sunil Dutt Verma Former Additional Project Director – SUDA, Department of Local Govt, and EO Tapa mandi - Govt. of Punjab
	4. Vote of Thanks	Moderator: Dr. Manoj Kumar Teotia, Faculty CRRID (Former HUDCO Chair Coordinator) Co-Moderator: Dr. Neetu Gaur, Assistant Professor - CRRID
11:00-11:15	HIGH-TEA & NETWORKING	
11:15-11:45	Session 1: Thermal Comfort: a) Indices, b) Thermal comfort in Affordable Housing c) Passive strategies & Building Physics, d) Case studies	Mrs. Mariyam Zakiah M.Arch. - Sustainable Environmental Design, Registered Architect – Council of Architecture and BEE Certified ECBC Master Trainer
11:45-12:30	Session 2: Thermal Comfort models: a) Thermal Comfort standards i. IMAC & ii. ASHRAE b) Effect of materials on thermal comfort	Mrs. Mariyam Zakiah M.Arch. - Sustainable Environmental Design, Registered Architect – Council of Architecture and BEE Certified ECBC Master Trainer
12:30-13:30	Session 3: New age innovative technologies along with the 6 LHP construction technologies	Mr. Jitendra Vyas GRIHA Trainer & Evaluator, EDGE Expert & Auditor and BEE Certified ECBC Master Trainer
13:30-14:15	LUNCH BREAK	
14:15-15:00	Session 4: EcoNiwas Samhita Part 1 & 2 and its compliances	Mr. Jitendra Vyas GRIHA Trainer & Evaluator, EDGE Expert & Auditor and BEE Certified ECBC Master Trainer
15:00-15:40	Session 5: a) Low Energy Comfort Systems and BEE Star Labelling & b) Indian & International Best Practices	Mr. Jitendra Vyas GRIHA Trainer & Evaluator, EDGE Expert & Auditor and BEE Certified ECBC Master Trainer
15:40-16:00	Q&A and Feedback	GiZ - Climate Smart Buildings (CSB) Cell
16:00-16:05	Vote of Thanks	GiZ / GiZ - Climate Smart Buildings (CSB) Cell
16:05-17:00	HIGH-TEA	

End of Training Program