

RACHNA

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION
Training #67: One-Day Training Programme on

‘Innovative Construction Technologies & Thermal Comfort Measures for Affordable Housing’

Location: Hotel Le Lac Sarovar Portico, Ranchi | Date : 4 August 2022 , Thursday | Time : 09:30 AM to 4:00 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 Le Lac Sarovar Portico
Ranchi, Jharkhand**

*For Further Details, Please drop an email to
Mr Santanu Mandal; in_ranchi_giz_csbcell@pwc.com;*

TARGET PARTICIPANTS



Training Program tailored for Senior Govt Officials

Innovative Construction Technologies & Thermal Comfort for Affordable Housing

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AGENDA

DURATION	TOPIC	SPEAKER
09:30-10:00	Registration	Climate Smart Buildings Cell
10:00-10:10	Introduction	Climate Smart Buildings Cell
10:10-10:20	Welcome Address	Shri D K Dwivedi, Project Engineering Specialist – DMA Jharkhand
10:20-10:30	Keynote Address	Shri B K Soy, Joint General Manager – HUDCO Jharkhand
10:30-10:45	Introduction to MoHUA's Housing for All Programme, GIZ, and the Bilateral Programme – Climate Smart Buildings	Ar Divya Bansal Talwar, Junior Technical Expert - GIZ (Climate Smart Buildings Programme)
10:45-11:00	HIGH-TEA & NETWORKING	
11:00-11:45	New age innovative technologies along with the 6 LHP construction technologies focusing on - efficiency in construction, mainstreaming & replication of technologies.	Shri Pankaj Gupta, Dy Chief, I&D - Building Materials and Technology Promotion Council (BMTPC) (via Video Conference)
11:45 - 13:00	Session 1: Thermal Comfort a) Introduction to Affordable Housing b) Need and Impact c) Thermal comfort in Affordable Housing d) Passive strategies & Building Physics e) Case Studies	Shri Avijit Ghosh, ECBC Master Trainer
13:00-14:00	LUNCH BREAK	
14:00-14:30	Session 2: Thermal Comfort models: a) Thermal Comfort standards (IMAC & ASHRAE) b) Effect of materials on thermal comfort	Shri Avijit Ghosh, ECBC Master Trainer
14:30-15:15	Session 3: 1) Eco Niwas Samhita (2018) Part 1 2) Eco Niwas Samhita (2021) Part 2	Shri Saibal Saha, ECBC Master Trainer
15:15-15:45	Session 4: 3) BEE Star Labelling, ENS Compliance Tool, Recommendation to design an Affordable Housing Project (thermal comfort) & Case Studies	Shri Saibal Saha, ECBC Master Trainer
15:45-15:55	Q&A and Feedback	Climate Smart Buildings Cell
15:55-16:00	Vote of Thanks	Climate Smart Buildings Cell

Hi-Tea, Networking & CLOSE