

RACHNA

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

Training #19: Two Days Training Programme on

“INNOVATIVE CONSTRUCTION TECHNOLOGIES & THERMAL COMFORT FOR AFFORDABLE HOUSING”

Location: Sarovar Portico, Indore | Date: 26th & 27th MAY 2022 | Time: 10:00 AM to 5:30 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 to make **Government officials, architects and engineers from different department and stakeholders aware about the Innovative Construction Technologies & Thermal Comfort For Affordable Housing**. This also focus on Eco Niwas Samhita Tool and its Application. The outcome of the training would be to make the stakeholders in the construction sector understand the need for technology and Thermal Comfort & encourage them to include in their upcoming future projects.

TARGET AUDIENCE

Training Programme Tailored for Government officials, architects and engineers from ULBs, TCPO, UDDs, IMC, Smart City, PMAY, IDA, MPHIDB, MPPHIDC, MPEB, PWD, CPWD and Universities, who are technical resources in their organizations.



JOIN US AT:

Sarovar Portico,

Plot No, 562, Mahatma Gandhi Rd, Regal Square,
Nehru Park 2, Indore, Madhya Pradesh 452003

FOR FURTHER DETAILS, PLEASE CONTACT

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Day 1

TIME	TOPIC	SPEAKER
10:00am – 10:15am	Welcome Address	CSB Cell
	Key-Note Address	
10:15am – 10:45am	Introduction to MoHUA's Housing for All Programme, GIZ, and the Bilateral Programme – Climate Smart Buildings.	CSB Cell
10:45am – 11:00am	High Tea & Networking	
11:00am – 12:45pm	Session 1: Thermal Comfort	Trainer
	<ul style="list-style-type: none"> a) Indices b) Thermal comfort in Affordable Housing c) Passive strategies & Building Physics d) Case studies e) Live exercise <ul style="list-style-type: none"> i. Passive Architectural Design Strategies ii. Building Construction material iii. No cost solutions 	
12:45pm-01:00pm	Question & Answer Session	
01:00pm – 02:00pm	Lunch Break	
02:00pm – 03:00pm	Session 2: Thermal Comfort	Trainer
	<ul style="list-style-type: none"> a) Thermal Comfort standards b) IMAC c) ASHRAE d) Effect of materials on thermal comfort 	
03:00pm – 03:45pm	Session 3:	BMTPC/CSB Cell
	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.	
03:45pm-04:00pm	Question & Answer Session	
04:00pm – 04:15pm	High Tea & Networking	
04:15pm – 05:00pm	Session 4: Green Buildings	CSB Cell
	<ul style="list-style-type: none"> a) Brief b) Green Measures c) Indigenous and low-embodied materials d) Best Practices 	
05:00pm – 05:15pm	Question & Answer Session	
05:15pm – 05:30 pm	Vote of Thanks	

Day 2

10:00am – 11:30am	Session 5: Eco-Niwas Samhita 2021	Trainer
	Group Discussion with example	
11:30am – 11.45am	High Tea & Networking	
11:45am – 12:45pm	Session 6:	Trainer
	<ul style="list-style-type: none"> a) ENS 2021 Compliance b) Live demo on Tool c) Thermal comfort analysis d) Recommendation to current and future Affordable Housing projects 	
12:45pm – 01:00pm	Question & Answer Session	
01:00pm – 02:00pm	Lunch Break	
02:00pm – 03:30pm	Session 7: ENS 2018 Brief	Trainer
	With technical exercise (Calculating RETV etc.)	
03:30pm – 03:45pm	High Tea & Networking	
03.45pm – 04:30pm	Session 8:	Trainer
	<ul style="list-style-type: none"> a) Low Energy Comfort Systems and BEE Star Labelling b) Indian & International Best Practices 	
04:30pm – 04:45pm	Question & Answer Session	
04:45pm – 05:00 pm	Vote of Thanks	