

# RACHNA 2.0

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

## Training # 04: Two-Days Training Programme on

### 'Innovative Construction Technologies & Best Construction practices'

Location: Hotel Venus International, Akola | Date : 15<sup>th</sup> & 16<sup>th</sup> Dec' 22 | Time : 10:30 AM to 5:30 PM

#### ABOUT THE TRAINING:

RACHNA- 'Affordable and Comfortable Housing Through National Action', is an initiative of Ministry of Housing Urban Affairs (MoHUA) in partnership with Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH and Building Material and Technology promotion Council (BMTPC).

75 trainings workshops on Innovative Construction Technologies Thermal Comfort for Affordable Housing were conducted under this program between April and August 2022. After the success of RACHNA series, now the next series of trainings 'RACHNA 2.0' from Dec 2022 till Mar 2023 is planned across India. The main focus of the training is thermal comfort and its necessity in the affordable housing sector to a wider set of audience and stakeholders. This training program covers Handbook on Innovative Construction Technologies & Thermal comfort in Affordable housing, Thermal Comfort analysis of LHP and Demonstration Projects, Life cycle cost of LHPs, low-cost solutions, policy documents, building codes, international practices, and other aspects relevant to thermal comfort in affordable housing.

#### JOIN US AT:

Hotel Venus International,  
Near Bus Station , Akola (MH)

#### TARGET STAKEHOLDERS



Senior Govt.  
Officials &  
Policy makers



Built-environment  
Professionals &  
Govt. Departments



Building Sector  
Stakeholders



Technograhis

For Further Details, Please drop an email to  
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# 'Innovative Construction Technologies & Best Construction practices'

Location: Hotel Venus International | Date : 15<sup>th</sup> & 16<sup>th</sup> Dec | Time : 10:30 AM to 5:30 PM

Day - 01: 15 December'2022		
TIME	TOPIC	SPEAKER
10:00 - 10:15 AM	Welcome Address Key Note Address	CSB Cell Member
10:00 - 10:45 AM	Introduction to MoHUA's Housing for All Programme, GIZ, and the Bilateral Programme – Climate-Smart Buildings, Aim & Concept	CSB Cell Member
10:45 Am - 11:00 AM	High Tea & Networking	
10:45 - 11:00 AM	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. DHP & AHRCs	CSB Cell Member
11:00 AM - 12:45 PM	Session – 01 Thermal Comfort & Affordable Housing Thermal Comfort & factors Cooling Requirement Scenario, Cooling Demand Growth Building Envelop Impact & Building Physics	Expert Trainer Kaushal Lodaya
12:45 PM - 01:00 PM	Question & Answer Session	
01:00 PM - 02:00 PM	Lunch Break	
02:00 PM - 03:00 PM	Session – 02 Thermal comfort fundamentals Thermal Comfort Indices Passive Design Strategies	Expert Trainer Kaushal Lodaya
03:00 PM - 03:45 PM	Session – 03 Innovative building material Effect of material on thermal comfort New method of construction for Affordable housing	Expert Trainer Gauri A Sharma
03:45 PM - 04:00 PM	Question & Answer Session	
04:00 PM - 04:15 PM	High Tea & Networking	
04:15 PM - 05:00 PM	Session – 04 Case Studies for the application of thermal comfort in affordable housing Demo Projects Analysis Low energy cooling technologies & comfort	Expert Trainer Gauri A Sharma
05:00 PM - 05:15 PM	Question & Answer Session	
05:15 PM to 05:30 PM	Vote of Thanks	
Day - 02: 16 December'2022		
TIME	TOPIC	SPEAKER
10:30 - 11:30 AM	Session-05 Thermal comfort Standards (ASHRAE, IMAC, ENS, NBC) ENC Code Provision	Expert Trainer Kaushal Lodaya
11:30 AM - 11:45 AM	High Tea & Networking	
11:45 AM - 12:45 PM	Session-06 Eco Niwas Samhita 2018, 2021 Technical Exercise (RETV Analysis with Example - LHP, DEMO Project)	Expert Trainer Kaushal Lodaya
12:45 PM - 01:00 PM	Question & Answer Session	
01:00 PM - 02:00 PM	Lunch Break	
02:00 PM - 03:30 PM	Session-07 ENS 2018 & 2021 Brief ENS Compliance Live Demo on Tool, Thermal Comfort Analysis Recommendations to current & future Affordable Housing Projects	Expert Trainer Kaushal Lodaya
03:30 PM - 03:45 PM	High Tea & Networking	
03:45 PM - 04:30 PM	Session-08 BEE Star Labeling Indian & International Best Practices	CSB Cell Member
04:30 PM - 04:45 PM	Question & Answer Session	
04:45 PM - 05:00 PM	Vote of Thanks	