

# RACHNA 2.0

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

## Training # 61: One Day Training Programme on “Innovative Construction Technologies , Best Construction Practices & Thermal Comfort for Affordable Housing”

Location: Conference Hall – Lemon Tree Hotel, Gangtok | Date : 10<sup>th</sup> March 2023 | Time : 10:00 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 :**  
**Conference Hall**  
**Lemon Tree Hotel , Gangtok, Sikkim**

### TARGET STAKEHOLDERS



Head of UDAs/ ULBs / Municipal Corporations & Senior  
Administrative Grade from UDD, State and Senior  
Administrative Grade (SAG) from Ministry of Housing and  
Urban Affairs

For Further Details, Please drop an email to  
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# Innovative Construction Technologies , Best Construction Practices & Thermal Comfort for Affordable Housing

Location: Gangtok | Date : 10th March 2023 , Friday | Time : 09:30 AM to 5:30 PM

## AGENDA

DURATION	TOPIC	SPEAKER
9:30-10:00	Registration	By Dignitaries
10:00-10:05	Welcome Address	GIZ Team
10:05-10:15	Special Address	<b>Ar.Bivek Raj Shrestha</b> Assistant Architect Buildings and Housing Department, Government of Sikkim , Nirman Bhawan , Gangtok
10:15-10:30	Introduction to MoHUA's Housing for All Programme, GIZ, and the Bilateral Programme – Climate Smart Buildings (CSB)	GiZ/ GiZ CSB Cell
10:30-10:45	<b>HIGH-TEA &amp; NETWORKING</b>	
10:45-12:15	Session 1: Thermal Comfort: a) Indices, b) Thermal comfort in Affordable Housing c) Passive strategies & Building Physics d) Case studies	<b>Er.Rana Pratap Poddar</b> ECBC Master Trainer certified by Bureau of Energy Efficiency
12:15-13:00	Session 2: Thermal Comfort models: a) Thermal Comfort standards ( i. IMAC & ii. ASHRAE ) b) Effect of materials on thermal comfort	<b>Er.Rana Pratap Poddar</b> ECBC Master Trainer certified by Bureau of Energy Efficiency
13:00-14:00	<b>LUNCH BREAK</b>	
14:00-15:00	Session 3: New age innovative technologies along with the 6 LHP construction technologies	GiZ/ GiZ CSB Cell
15:00-16:00	Session 4: EcoNiwas Samhita Part 1 & 2 and its compliances	<b>Er.Rana Pratap Poddar</b> ECBC Master Trainer certified by Bureau of Energy Efficiency
16:00-16:15	<b>HIGH-TEA &amp; NETWORKING</b>	
16:15-17:00	Session 5: Low Energy Comfort Systems a) BEE Star Labelling b) Indian & International Best Practices	<b>Er.Rana Pratap Poddar</b> ECBC Master Trainer certified by Bureau of Energy Efficiency
17:00-17:15	Q&A and feedback	Climate Smart Buildings (CSB) East Cluster Cell
17:15-17:30	Vote of Thanks	CSB East Cluster Cell

**CLOSE**