

RACHNA

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

Training #58: Two Days Training Programme on

“INNOVATIVE CONSTRUCTION TECHNOLOGIES & THERMAL COMFORT FOR AFFORDABLE HOUSING”

Location: Hotel Solitaire, Raipur | Date: 18th & 19th July 2022 | Time: 10:30AM to 5:00PM

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 SUDA, ULBs, NRANVP, TCPO, UDDs, CREDA, CPWD, CGPWD, RDA, CGHB, CGPHC, CSPDCL, CSIDC, CECEB, HUDCO and Universities, who are technical resources in their organizations.



JOIN US AT:

Hotel Solitaire

Jaistambh Chowk, Behind SBI Main Branch,
Raipur, Chhattisgarh 492002

FOR FURTHER DETAILS, PLEASE CONTACT

Shelendra Kr. Chanderiya +91-9654419859

CSB Cell, Central Cluster

Light House Project,

Kanadia ext., Sanyogitaganj Mandal,

(Landmark: near Gulmarg Parisar)

Indore, Madhya Pradesh

✉ indore.gizcsbcell@gmail.com

GIZ, India

B-5/5, Safdarjung Enclave

New Delhi, 110 029

✉ vikash.ranjan@giz.de

“INNOVATIVE CONSTRUCTION TECHNOLOGIES & THERMAL COMFORT FOR AFFORDABLE HOUSING”

Location: Hotel Solitaire, Raipur | Date: 18th & 19th July 2022 | Time: 10:30AM to 05:00PM

| Day 1 | | |
|--|---|--|
| TIME | TOPIC | SPEAKER |
| 10:30am – 10:45am | Welcome Address | Ar. Disha Jain CSB Cell |
| | Key-Note Address | Dr. Swasthi Sthapati Arch. HOD , NIT Raipur |
| 10:45am – 11:00am | Introduction to MoHUA’s Housing for All Programme, GIZ, and the Bilateral Programme – Climate Smart Buildings. | Ar. Disha Jain CSB Cell |
| 11:00am – 11:15am High Tea & Networking | | |
| 11:15am – 12:45pm | Session 1: Thermal Comfort | Rana Pratap Poddar Expert 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 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 – 02:30pm | Session 2: Thermal Comfort | Rana Pratap Poddar Expert Trainer |
| | <ul style="list-style-type: none"> a) Thermal Comfort standards b) IMAC c) ASHRAE d) Effect of materials on thermal comfort | |
| 02:30pm – 03:00pm | Session 3: 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. | Ar.Disha Jain CSB Cell, Indore |
| 03:00pm-03:15pm | Question & Answer Session | |
| 03:15pm – 03:30pm High Tea & Networking | | |
| 03:30pm – 04:30pm | Session 4: Green Buildings | Rana Pratap Poddar Expert Trainer |
| | <ul style="list-style-type: none"> a) Brief b) Green Measures c) Indigenous and low-embodied materials d) Best Practices | |
| 04:30pm – 04:45pm | Question & Answer Session | |
| 04:45pm – 05:00pm Vote of Thanks | | |
| Day 2 | | |
| 10:30am – 11:30am | Session 5: Eco-Niwās Samhita 2021 | Ar. Disha Jain CSB Cell, Indore |
| | Group Discussion with example | |
| 11:30am – 11:45am High Tea & Networking | | |
| 11:45am – 12:45pm | Session 6: | Rana Pratap Poddar Expert 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 | Ar. Disha Jain CSB Cell, Indore |
| | With technical exercise (Calculating RETV etc.) | |
| 03:30pm – 03:45pm High Tea & Networking | | |
| 03:45pm – 04:30pm | Session 8: | Rana Pratap Poddar Expert 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 – 05:00pm Vote of Thanks | | |