

RACHNA 2.0

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

Training # 9: One Day Training Programme

'Training on Climate Smart Buildings'

Location: Chennai | Date : 20-12-2022 | Time : 09:30 AM to 04:30 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:

Board Room,
Tamilnadu Urban Habitat Development Board TNUHDB,
Kamarajar road, Chennai – 600 005

TARGET STAKEHOLDERS



Senior Govt.
Officials &
Policy makers



Built-environment
professionals &
Govt. Departments

For Further Details, Please drop an email to
Mr. Anand Sachithanatham; Chennai.gizCSBcell@gmail.com ;

'Climate Smart Buildings'

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TIME	TOPIC	SPEAKER
09:30 - 10:00	Registration	
10:00 - 10:15	Welcome Address	Mr. Selvarasu Team Leader, Climate Smart Buildings Cell
	Lamp Lighting & Facilitation	By Dignitaries & CSB Cell
	Keynote Address	Shri. Govinda Rao IAS Managing Director, TNUHDB
10:15 - 10:30	Introduction to MoHUA's Housing for All Programme, GHTC India, Introduction to GIZ, and Climate Smart Buildings	Mr. Anand Sachithanatham Team Manager, Climate Smart Buildings Cell
10:30 - 10:45	High Tea & Networking	
10:45 - 11:30	<p>Session 1: Innovative Construction Technologies of Light House Projects, LHP Study and Observations</p> <p>a) 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.</p> <p>b) Thermal Comfort Analysis and Recommendations on LHPs and Demo Projects.</p> <p>c) Concept of Life cycle cost and its impact on carbon emission.</p> <p>d) Q&A on New & Innovative technologies and Thermal Comfort.</p>	<p style="text-align: center;">Mr. Anand Sachithanatham Team Manager, Climate Smart Buildings Cell</p>
11:30 - 13:15	<p>Session 2: Importance of Thermal Comfort</p> <p>a) Thermal comfort and cooling demand</p> <p>b) Factors affecting thermal comfort and cooling demand</p> <p>c) Contemporary approaches</p> <p>d) Thermal Comfort Metrics</p>	<p style="text-align: center;">Mr. Crosby Paul ECBC Master Trainer</p>
13:15 - 14:15	Lunch Break	
14:15 - 15:00	<p>Session 3: Building Physics & Fundamental of Thermal Comfort</p> <p>a) Concept of Heat and Energy</p> <p>b) Factors Influencing Heat Transfer and Laws of thermodynamics</p> <p>c) Heat Balance and Adaptive Thermal Comfort Method</p> <p>d) Local Thermal Discomfort</p>	<p style="text-align: center;">Mr. Crosby Paul ECBC Master Trainer</p>
15:00 - 16:00	<p>Session 4: Passive Strategies & Building Materials</p> <p>a) Affordable Housing & Passive Design Strategies</p> <p>b) Innovative building materials</p> <p>c) Case Studies</p>	<p style="text-align: center;">Mr. Crosby Paul ECBC Master Trainer</p>
16:00 - 16:15	Q&A Session	Trainer & CSB Cell
16:15 - 16:20	Vote of Thanks	Ms. Kalaiyarasi Climate Smart Buildings Cell
16:20 - 16:30	High Tea & End of Sessions	