

RACHNA 2.0

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

Training # 41 : One-Day Training Programme

‘Training on emerging construction technologies for thermal comfort’

Location: Port Blair | Date : 01-03-2023 | Time : 10:00 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:

Conference Room,
Port Blair Municipal Council (PBMC),
Mohanpura, Port Blair, Andaman and Nicobar Islands 744101

TARGET STAKEHOLDERS



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'

Location: Port Blair | Date : 01-03-2023 | Time : 10:00 AM to 04:30 PM |

TIME	TOPIC	SPEAKER
10:00 - 10:30	Registration	
10:30 - 10:45	Welcome Address	Ms. Kalaiyarasi Communication Consultant, Climate Smart Buildings Cell
	Lamp Lighting & Facilitation	By Dignitaries & CSB Cell
	Keynote Address	Mr. A.K Singh Superintending Engineer, Port Blair Municipal Council (PBMC)
10:45 - 11:00	Introduction to MoHUA's Housing for All Programme, GHTC India, Introduction to GIZ, and Climate Smart Buildings	Ms. Kalaiyarasi Communication Consultant, Climate Smart Buildings Cell
11:00 - 11:15	High Tea & Networking	
11:15 - 12:00	Session 1: Innovative Construction Technologies of Light House Projects, LHP Study and Observations	
	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.	
	b) Thermal Comfort Analysis and Recommendations on LHPs and Demo Projects.	
	c) Concept of Life cycle cost and its impact on carbon emission.	
12:00 - 13:15	Session 2: Importance of Thermal Comfort	
	a) Thermal comfort and cooling demand	
	b) Factors affecting thermal comfort and cooling demand	
	c) Contemporary approaches	
14:15 - 15:00	Session 3: Building Physics & Fundamental of Thermal Comfort	
	a) Concept of Heat and Energy	
	b) Factors Influencing Heat Transfer and Laws of thermodynamics	
	c) Heat Balance and Adaptive Thermal Comfort Method	
15:00 - 16:00	Session 4: Passive Strategies & Building Materials	
	a) Affordable Housing & Passive Design Strategies	
	b) Innovative building materials	
	c) Case Studies	
16:00 - 16:15	Q&A Session	Trainer & CSB Cell
16:15 - 16:20	Vote of Thanks	Ms. Kalaiyarasi Communication Consultant, Climate Smart Buildings Cell
16:20 - 16:30	High Tea & End of Sessions	