

RACHNA

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

Training #73: Two days awareness session on

'Innovative Construction Technologies & Thermal Comfort for Affordable Housing'

Location: Vijayawada | Date : 2nd & 3rd August 2022 | Time : 10:00 AM to 4:30 PM

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 training covers the thermal comfort basics, materials influences, low-cost solutions & codes that are available especially in India to create Climate-Smart Buildings. The outcome of the training would be to make the students understand the need for thermal comfort & encourage them to include no cost or low-cost strategies in their future projects. A design challenge for students will be shared and it will be judged based on the inclusion of thermal comfort factors in their design & certificates will be provided.

JOIN US AT:

School of Planning & Architecture,
Krishna Nagar,
Vijayawada, AP

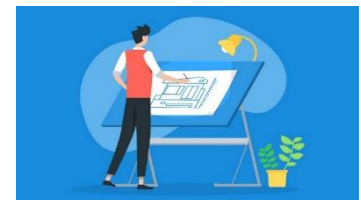
For Further Details, Please drop an email to
Mr. Anand Sachithanatham;
Chennai.gizCSBcell@gmail.com ;

TARGET STAKEHOLDERS

Architectural
College Students



Faculties



'Innovative Construction Technologies & Thermal Comfort for Affordable Housing'

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AGENDA DAY 1

DURATION	TOPIC	SPEAKER
10:00-10:15	Registration	
10:15-10:20	Welcome Address	Climate Smart Buildings Cell
10:20-10:25	Keynote Address	Mrs. Vijayalaxmi HOD, SPA, Vijayawada
10:25-10:30	Special Address	Dr. Srikonda Ramesh Professor, SPA, Vijayawada
10:30-10:45	GIZ and the Bilateral Programme – Climate Smart Buildings (CSB) & its activities	Mr. Anand Sachithanatham Team Manager, CSB Cell
10:45-11:00	Session 1: New age innovative technologies a) 6 LHP construction technologies b) LHP Chennai – Features c) LHP Chennai - Video	Mr. Anand Sachithanatham Team Manager, CSB Cell
11:00-11:15	HIGH-TEA	
11:15-12:15	Session 2: Thermal Comfort: a) Indices, b) Thermal comfort in Affordable Housing c) Passive strategies & Building Physics	Ms. Girija Rajarathinam Consultant Architect – ECBC & ENS Cell TN
12:15-13:00	Session 3: Thermal Comfort models: a) Thermal Comfort standards i. IMAC & ii. ASHRAE b) Effect of materials on thermal comfort	Ms. Girija Rajarathinam Consultant Architect – ECBC & ENS Cell TN
13:00-14:00	LUNCH BREAK	
14:00-15:00	Session 4: EcoNiwas Samhita Part 1 and its compliances	Ms. Girija Rajarathinam Consultant Architect – ECBC & ENS Cell TN
15:00-16:00	Session 5: EcoNiwas Samhita Part 2 and its compliances	Ms. Girija Rajarathinam Consultant Architect – ECBC & ENS Cell TN
16:00-16:15	Session 6: EcoNiwas Samhita Part – Compliance Tool	Ms. Girija Rajarathinam Consultant Architect – ECBC & ENS Cell TN
16:15-16:30	Q&A	
	End of Sessions	

End of Day 1

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AGENDA DAY 2

DURATION	TOPIC	SPEAKER
10:00-10:30	Registration	
10:30-10:45	Session 7: ENS Compliance – Actual Cases a) LHP Chennai b) DHP Puducherry	Mr. Anand Sachithanatham Team Manager, CSB Cell
10:45-11:15	Session 8: Design Challenge – Affordable Housing a) Brief b) Grouping	Mr. Anand Sachithanatham Team Manager, CSB Cell
11:15-11:30	HIGH-TEA & NETWORKING	
11:30-13:00	Session 8 (contd.): Design Challenge Exercise	Mr. Anand Sachithanatham Team Manager, CSB Cell
13:00-14:00	LUNCH BREAK	
14:00-15:00	Session 8 (contd.): Design Challenge Exercise	Mr. Anand Sachithanatham Team Manager, CSB Cell
15:00-16:00	Session 9: Design Challenge Presentation	Students Team
16:00-16:30	Session 10: Design Challenge Judgment & Winner Announcement	Trainer & CSB Team
	High Tea & End of Sessions	

CLOSE