

RACHNA

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

Training #76 : Two days awareness session on

'Innovative Construction Technologies & Thermal Comfort for Affordable Housing'

Location: CET, Thiruvananthapuram | Date : 9th & 10th 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:

College of Engineering Trivandrum,
Department of Architecture
Sreekaryam, Thiruvananthapuram, Kerala

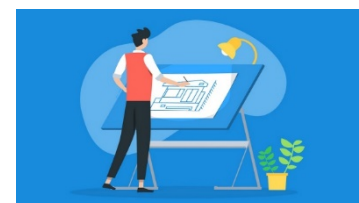
For Further Details, Please drop an email to
Mr. Anand Sachithanatham;
Chennai.gizCSBcell@gmail.com ;

TARGET STAKEHOLDERS

Architectural
College Students



Faculties



'Thermal Comfort in Affordable Housing for Architectural Students'

Location: CET, Thiruvananthapuram | Date : 9th & 10th August 2022 | Time : 10:00 AM to 4:30 PM

AGENDA DAY 1

DURATION	TOPIC	SPEAKER
10:00-10:15	Registration	
10:15-10:20	Welcome Address	Climate Smart Buildings Cell
10:20-10:30	Keynote Address	TBD College of Engineering, Trivandrum
10:30-10:45	GIZ and the Bilateral Programme – Climate Smart Buildings (CSB) & its activities	GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH) / Climate Smart Buildings Cell
10:45-11:00	Session 1: New age innovative technologies a) 6 LHP construction technologies b) LHP Chennai – Features c) LHP Chennai - Video	Climate Smart Buildings Cell
11:00-11:15	HIGH-TEA & NETWORKING	
11:15-12:15	Session 2: Thermal Comfort: a) Indices, b) Thermal comfort in Affordable Housing c) Passive strategies & Building Physics	Ms. Ashiqua Sulthana Energy Expert – Certified by Bureau of Energy Efficiency
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. Ashiqua Sulthana Energy Expert – Certified by Bureau of Energy Efficiency
13:00-14:00	LUNCH BREAK	
14:00-15:00	Session 4: EcoNiwas Samhita Part 1 and its compliances	Ms. Ashiqua Sulthana Energy Expert – Certified by Bureau of Energy Efficiency
15:00-16:00	Session 5: EcoNiwas Samhita Part 2 and its compliances	Ms. Ashiqua Sulthana Energy Expert – Certified by Bureau of Energy Efficiency
16:00-16:15	Session 6: EcoNiwas Samhita Part – Compliance Tool	Ms. Ashiqua Sulthana Energy Expert – Certified by Bureau of Energy Efficiency
16:15-16:25	Q&A	
16:25-16:30	High Tea & 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	Climate Smart Buildings Cell
10:45-11:15	Session 8: Design Challenge – Affordable Housing a) Brief b) Grouping	Ms. Ashiqua Sulthana Energy Expert – Certified by Bureau of Energy Efficiency
11:15-11:30	HIGH-TEA & NETWORKING	
11:30-13:00	Session 8 (contd.): Design Challenge Exercise	Ms. Ashiqua Sulthana Energy Expert – Certified by Bureau of Energy Efficiency
13:00-14:00	LUNCH BREAK	
14:00-15:00	Session 8 (contd.): Design Challenge Exercise	Ms. Ashiqua Sulthana Energy Expert – Certified by Bureau of Energy Efficiency
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