

RACHNA 2.0

RESILIENT, AFFORDABLE AND COMFORTABLE HOUSING THROUGH NATIONAL ACTION

Training # 08: Two-Days Training Programme on

'Innovative Construction Technologies & Best Construction practices'

Location: Lotus Green Project Site, Akola (MH) | Date: 17th & 18th Dec' 22 | Time: 10:30 AM to 5:30 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:

Lotus Green Project Site,
Akola, Maharashtra

TARGET STAKEHOLDERS



Building Sector
Ground Staff



Construction Field
Worker



Building Sector
Stakeholders



Technograhis

For Further Details, Please drop an email to
Mr. Shelendra Kr Chanderiya; indore.gizCSBcell@gmail.com

'Innovative Construction Technologies & Best Construction practices'

Location: Lotus Green Project Site, Akola (MH) | Date: 17th & 18th Dec | Time: 10:30 AM to 5:30 PM |

Day - 01: 17 December'2022			
TIME	SESSION	TOPIC	SPEAKER
10:00 - 10:30 AM	Registration	Registration of Participants - Batch-01	CSB Cell
	Introduction	Welcome Address & Speaker Introduction	
10:30 AM - 12:45 PM BATCH - 01	Session - 01	LHP and its Construction technology GHCT: Brief explanation on other LHP construction technologies (GHCT videos) a) Precast Components Assembled at Site – Chennai, Tamil Nadu b) Prefabricated Sandwich Panel System – Indore, Madhya Pradesh c) Precast Concrete Construction System – 3D Volumetric – Ranchi, Jharkhand d) Light Gauge Steel Structural System & Pre-engineered Steel Structural System – Agartala, Tripura e) Monolithic Concrete Construction using Tunnel Formwork – Rajkot, Gujarat f) PVC Stay In Place Formwork System – Lucknow, Uttar Pradesh	CSB Cell
	Session - 02	Construction Technology -Prefabricated Sandwich Panel Technology(LHP Indore) Process: a) Site Excavation and Stabilization – Excavation and Stabilization Process, hazards, protective methods during construction, Consolidation, Compaction and Transportation b) Column laying and structure – PEB (Pre-Engineered Building) Structure assembling. c) Technology specific construction details such as walling (EPS Panel) and roof (Deck sheet) d) Finishes – Surface Finishing and Painting e) Improving Efficiency in construction – Defects in construction, avoiding cracks, infiltration and reduction in wastage during construction	CSB Cell
	Session - 03	Demonstration Housing Project , Bhopal Insulating Concrete Formwork Technique	CSB Cell
12:45 PM - 01:00 PM	Question & Answer Session		
01:00 PM - 02:00 PM	Lunch Break		
02:00 PM - 2:30 PM		Participant Registrations - Batch-02	
02:30 PM - 04:45 PM BATCH - 02	Session - 01	LHP and its Construction technology GHCT: Brief explanation on other LHP construction technologies (GHCT videos) a) Precast Components Assembled at Site – Chennai, Tamil Nadu b) Prefabricated Sandwich Panel System – Indore, Madhya Pradesh c) Precast Concrete Construction System – 3D Volumetric – Ranchi, Jharkhand d) Light Gauge Steel Structural System & Pre-engineered Steel Structural System – Agartala, Tripura e) Monolithic Concrete Construction using Tunnel Formwork – Rajkot, Gujarat f) PVC Stay In Place Formwork System – Lucknow, Uttar Pradesh	CSB Cell
	Session - 02	Construction Technology -Prefabricated Sandwich Panel Technology(LHP Indore) Process: a) Site Excavation and Stabilization – Excavation and Stabilization Process, hazards, protective methods during construction, Consolidation, Compaction and Transportation b) Column laying and structure – PEB (Pre-Engineered Building) Structure assembling. c) Technology specific construction details such as walling (EPS Panel) and roof (Deck sheet) d) Finishes – Surface Finishing and Painting e) Improving Efficiency in construction – Defects in construction, avoiding cracks, infiltration and reduction in wastage during construction	CSB Cell
	Session - 03	Demonstration Housing Project , Bhopal Insulating Concrete Formwork Technique	CSB Cell
04:45 PM - 05:00 PM	Question & Answer Session		

'Innovative Construction Technologies & Best Construction practices'

Location: Lotus Green Project Site, Akola (MH) | Date: 17th & 18th Dec | Time: 10:30 AM to 5:30 PM |

Day - 02: 18 December'2022

TIME	SESSION	TOPIC	SPEAKER
10:00 - 10:30 AM	Registration	Registration of Participants - Batch-03	CSB Cell
	Introduction	Welcome Address & Speaker Introduction	
10:30 AM - 12:45 PM BATCH - 03	Session - 01	LHP and its Construction technology GHTC: Brief explanation on other LHP construction technologies (GHTC videos) a) Precast Components Assembled at Site – Chennai, Tamil Nadu b) Prefabricated Sandwich Panel System – Indore, Madhya Pradesh c) Precast Concrete Construction System – 3D Volumetric – Ranchi, Jharkhand d) Light Gauge Steel Structural System & Pre-engineered Steel Structural System – Agartala, Tripura e) Monolithic Concrete Construction using Tunnel Formwork – Rajkot, Gujarat f) PVC Stay In Place Formwork System – Lucknow, Uttar Pradesh	CSB Cell
	Session - 02	Construction Technology -Prefabricated Sandwich Panel Technology(LHP Indore) Process: a) Site Excavation and Stabilization – Excavation and Stabilization Process, hazards, protective methods during construction, Consolidation, Compaction and Transportation b) Column laying and structure – PEB (Pre-Engineered Building) Structure assembling. c) Technology specific construction details such as walling (EPS Panel) and roof (Deck sheet) d) Finishes – Surface Finishing and Painting e) Improving Efficiency in construction – Defects in construction, avoiding cracks, infiltration and reduction in wastage during construction	CSB Cell
	Session - 03	Demonstration Housing Project , Bhopal Insulating Concrete Formwork Technique	CSB Cell
12:45 PM - 01:00 PM	Question & Answer Session		
01:00 PM - 02:00 PM	Lunch Break		
02:00 PM - 2:30 PM		Participant Registrations - Batch-04	
02:30 PM - 04:45 PM BATCH - 04	Session - 01	LHP and its Construction technology GHTC: Brief explanation on other LHP construction technologies (GHTC videos) a) Precast Components Assembled at Site – Chennai, Tamil Nadu b) Prefabricated Sandwich Panel System – Indore, Madhya Pradesh c) Precast Concrete Construction System – 3D Volumetric – Ranchi, Jharkhand d) Light Gauge Steel Structural System & Pre-engineered Steel Structural System – Agartala, Tripura e) Monolithic Concrete Construction using Tunnel Formwork – Rajkot, Gujarat f) PVC Stay In Place Formwork System – Lucknow, Uttar Pradesh	CSB Cell
	Session - 02	Construction Technology -Prefabricated Sandwich Panel Technology(LHP Indore) Process: a) Site Excavation and Stabilization – Excavation and Stabilization Process, hazards, protective methods during construction, Consolidation, Compaction and Transportation b) Column laying and structure – PEB (Pre-Engineered Building) Structure assembling. c) Technology specific construction details such as walling (EPS Panel) and roof (Deck sheet) d) Finishes – Surface Finishing and Painting e) Improving Efficiency in construction – Defects in construction, avoiding cracks, infiltration and reduction in wastage during construction	CSB Cell
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