

E-Newsletter-Vol - XXXIV

# LIGHT HOUSE PROJECTS

November 30, 2023, New Delhi

## Secretary, MoHUA reviews progress of Light House Projects



On 23<sup>rd</sup> November 2023, Shri Manoj Joshi, Secretary, Ministry of Housing and Urban Affairs (MoHUA) chaired a meeting to review the progress of Light House Projects (LHPs). Shri Kuldip Narayan, Joint Secretary & Mission Director (JS&MD), Housing For All (HFA), MoHUA, senior officials of the Ministry and representatives of the construction agencies were also present during the review meeting.

Secretary, MoHUA was apprised about the status of work at each location by JS&MD, HFA, after which a detailed review was undertaken. Physical progress, tower-wise progress and status of pending work was discussed during the meeting for the LHPs and their expected date of completion. A detailed presentation comprising of status along with the photographs highlighting the work was shared with Secretary, MoHUA.

These Light House Projects are upcoming in Lucknow, which is ready for inauguration, Ranchi, currently in completion stage and Agartala, which is in advanced phase of construction. Three of the LHPs, located in Chennai, Rajkot and Indore are already complete and were inaugurated by Hon'ble Prime Minister in May 2022, October 2022 and October 2023, respectively.

After taking a considerate view of the progress of LHPs, Secretary, MoHUA directed the construction agencies to expedite work at the sites. He emphasised on timely supply of materials and deployment of additional manpower on LHP sites to fast-track completion of projects so that beneficiaries move into their new houses and experience the joy of having a pucca house in their name with all amenities.

# Snapshot of Light House Projects

Light House Projects in Chennai, Rajkot and Indore have already been inaugurated. In each of these locations, more than 1,000 houses have been constructed with the best-available modern technologies. All basic and civic amenities have also been provided inside the gated premises to provide ease of living of families.

Here's a glimpse of LHPs in Chennai, Rajkot and Indore.

## Chennai, Tamil Nadu



## Rajkot, Gujarat



## Indore, Madhya Pradesh



## Light House Projects: Lighting up Lives

With LHPs reaching the completion stage, the excitement among future homeowners is nothing but inspiring. The revolutionary innovative technologies are a beacon of modern construction, promising not just homes but a future defined by speed, efficiency and minimal upkeep. A vision that has stirred excitement and anticipation among beneficiaries. The future residents express their happiness about transitioning from cramped urban spaces to the elegant, green surroundings of LHPs. The prospect of living in aesthetically pleasing buildings, a stark contrast to their current environments, fills them with pride and a sense of accomplishment. The innovative construction technology employed in LHPs will give the families a sustainable and futuristic living experience.

Here, we unfold the narratives of these homeowners whose dreams of an upgraded life are turning into reality. They are beneficiaries of LHP Lucknow – ready to get inaugurated soon.

“हमारे घर अब लगभग तैयार हो गए हैं। ये हमारे लिए बहुत खुशी की बात है की जल्दी ही हम अपने परिवार के साथ यहाँ रह पाएंगे। हम सरकार का हार्दिक धन्यवाद करते हैं की उन्होंने हमारे घर के सपने को पूरा करने में हमारी मदद की।”

-मनेन्द्र, एलएचपी लखनऊ के लाभार्थी



“लाइट हाउस प्रोजेक्ट के चारों ओर सफाई और हरियाली है। सब कुछ व्यवस्थित और सुंदर है। हम अपने किराये के मकान से निकल कर जल्द ही यहाँ रहेंगे ये सोच करके मन प्रसन्न हो जाता है।”

-संजू बैट, एलएचपी लखनऊ के लाभार्थी

“मैं प्रधानमंत्री आवास योजना - शहरी के लिए सरकार का बड़ा धन्यवाद करना चाहता हूँ। इसके बिना, ऐसे आधुनिक घर में रहने का सपना मात्र सपना ही रह जाता। इसे हकीकत बनाने के लिए मैं सरकार का कृतज्ञ हूँ।”

-ध्रुव गिरी, एलएचपी लखनऊ के लाभार्थी



“एक घर जिसे हम अपना कह सकें यह बहुत बड़ी उपलब्धि है। एक गृहणी के लिए ये सुरक्षा और गर्व की मिश्रित भावना है। लाइट हाउस प्रोजेक्ट के निर्माण के लिए मैं सरकार का बहुत धन्यवाद करती हूँ।”

-मधुलता, एलएचपी लखनऊ की लाभार्थी

“हम लोगों को ये फ्लैट बहुत अच्छा लगा है। जितना इस फ्लैट का क्षेत्र है उसके हिसाब से बहुत अच्छा बना हुआ है। हम लोग बहुत खुश हैं। हमारे घर के लिए हम प्रधानमंत्री जी को धन्यवाद देते हैं।”

-अनिल झा, एलएचपी लखनऊ के लाभार्थी





## Message from JS&MD (HFA) Shri Kuldip Narayan

Light House Projects defines the innovation and defined standards of aesthetics in construction sector. They embrace cutting-edge, resource efficient technologies with reduced reliance on natural resources & minimal waste. That's what makes these projects extraordinary.

LHP Lucknow is ready and the focus is now on completion of projects in Ranchi and Agartala. Meanwhile, beneficiaries are experiencing the magic of at LHPs with discovering the joy your own home gives a family. I see photos of beneficiaries visiting the sites to witness their houses getting constructed and I am sure these families would be feeling surreal. LHPs are transforming the lives of beneficiaries by making their dream homes a reality. With a focus on affordability and inclusivity, this visionary project ensures access to basic amenities and infrastructure. LHPs provide a better quality of life. From improved transportation to green spaces, it's creating a sustainable and liveable environment.

With providing modern housing along with essential amenities, LHP are perhaps, a stepping stone towards a more equitable society.

Furthermore, to make people aware about the different LHP technologies with the aim to adapt them in future projects in the country for fulfilling the vision of 'AatmaNirbhar Bharat', MoHUA has been organising workshops and trainings involving different stakeholders from different professions. During these trainings, various topics ranging from new and emerging construction technologies, thermal comfort, building materials & design, among others are discussed with participants for their knowledge & better understanding.

## Technograhi Connect: Students explore LHP construction innovations



Light House Project (LHP) Ranchi recently hosted students from Vidya Memorial Institute of Technology (VMIT). During the occasion, the students delved into the future of construction technology, with the spotlight on the impact of rapid construction techniques like 3D Precast Volumetric systems. The Climate Smart Building (CSB) Cell shared insights on eco-conscious building methods, underlining their vital role in urbanizing communities. Explaining thermal comfort parameters, the team emphasized on how these innovative techniques yield not only eco-friendly structures but also robust and easily erected buildings. This collaborative knowledge exchange is a step towards nurturing a generation well-versed in sustainable construction practices, envisioning a future where innovation and sustainability harmonize for a greener world.

## Exploring Sustainable Futures: Delegation from Maharashtra visits LHP Agartala

In a recent visit, officials from the Housing Department, Government of Maharashtra along with representatives from State Project Management Unit, Maharashtra Housing and Development Authority (MHADA), Directorate of Municipal Administration (DMA), and Maha Housing, had the opportunity to delve into the innovative initiatives at LHP Agartala. The session focused on pivotal insights into sustainable housing practices, underlining the importance of optimal living conditions in the face of changing climate patterns. During the presentation, highlights about study on



various Energy Conservation Measures (ECMs) at LHP Agartala was shared with the delegation. These measures are geared towards enhancing thermal comfort analysis, ensuring that residents experience optimal living conditions regardless of external climate fluctuations. By implementing innovative solutions and leveraging cutting-edge technology, the aim is to create climate-smart buildings that are not only environmentally-friendly but also prioritize the well-being and comfort of their occupants.

## Training & consultation workshops on Innovative Construction Technologies & Thermal Comfort in Affordable Housing



MoHUA, in association with Building Materials and Technology Promotion Council (BMTPC) and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), is hosting training-cum-consultation workshops on “Innovative Construction Technologies & Thermal Comfort in Affordable Housing” in different cities across India to make professionals aware about emerging and innovative construction technologies.



The workshops are being attended by stakeholders like senior Government officials and policy makers, architects, engineers, built environment professionals, building sector professionals, officials from construction agencies, students among others. During the workshops, the participants are apprised about

a wide range of topics like emerging construction technologies, passive design response in increasing thermal comfort with viable solutions, construction technologies adopted for Light House Projects as well as climate responsive & sustainable buildings.

As of date, four workshops on “Innovative Construction Technologies & Thermal Comfort in Affordable Housing” have been held in cities namely Chandigarh, Bengaluru, Bhubaneswar and Kolkata.

## PROGRESS OF LIGHT HOUSE PROJECTS

### LUCKNOW, Uttar Pradesh

Technology Name: **PVC Stay in Place Formwork System**



No. of Dwelling Units : **1040 Nos. (S+13)**  
 No. of Block / Tower : **4 Blocks**  
 Units in each Block / Tower : **A(494), B(130), C(208) & D(208)**

Activities	Progress
<b>Superstructure work of Building Blocks</b>	
Pre-Engineered Steel Building (PEB) Work	· Completed
SIP Wall Form work (No. of Dwelling Units)	· Completed
Shear Wall Work (Staircase & Lift well)	· Completed
<b>Social Infrastructure</b>	· Completed
<b>Infrastructure Work</b>	· Completed



## PROGRESS OF LIGHT HOUSE PROJECTS

### RANCHI, Jharkhand Technology Name: Precast Concrete Construction – 3D Volumetric Construction



No. of Dwelling Units : **1008 Nos. (G+8)**  
 No. of Block / Tower : **7 Blocks**  
 Units in each Block / Tower : **144 Nos.**

Activities	Progress
<b>Casting Yard (Production of Components)</b>	In the casting yard all 10,784 numbers of modules/ different components have been completed out of total requirements.
<b>Foundation work</b>	The Raft & Grade slabs of all 7 building blocks have been completed.
<b>Superstructure</b>	All 7 building Blocks completed.
<b>Infrastructure work</b>	<ul style="list-style-type: none"> <li>• Pre-cast boundary wall- About 56% of total length completed.</li> <li>• STP &amp; UG Water Tank – All civil works are nearly complete and MEP works are in progress</li> <li>• Road work, Sewer line work &amp; Electrical works are in progress.</li> </ul>

### AGARTALA, Tripura

Technology Name: Light Gauge Steel Structural System & Pre-Engineered Steel Structural System



No. of Dwelling Units : **1000 Nos. (G+6)**  
 No. of Block / Tower : **7 Blocks**  
 Units in each Block / Tower : **A(111), B(152), C(125), D(167), E(167), F(167) & G(111)**

Activities	Progress
<b>Foundation (In all 7 Blocks)</b>	Up to PCG level of all blocks are completed.
<b>Raft Foundation</b>	Completed in all 6 Blocks & D block raft in progress.
<b>Superstructure</b>	A, C, E, F & G- Block is in Progress.
Shear walls (Lift, Staircase Shear walls)	A, F & G Block completed and C, B & E- Block is in progress.
PEB Erection	A & F Block completed and E & G Block is in progress.
LGSF Fixing	A, E, F & G- Block is in progress.
Internal & External Cladding	A & F Block is in progress
Infill Concrete	F Block is in progress.
Floor finishing	F Block is in progress.
<b>Infrastructure Work</b>	Boundary wall and Social Infrastructure foundation work is in progress.

# Social Media



## Housing For All @PMAYUrban · Nov 29

A training & consultation programme on “Innovative Construction Technologies & Thermal Comfort for Affordable Housing” was conducted at Bhubaneswar, Odisha recently which was attended by senior officials from State, along with officers from various Govt departments.

#PMAYUrban



## Housing For All @PMAYUrban · Nov 3

At #LightHouseProject Lucknow 1,040 houses have been constructed with one of the best available technology & infrastructure to provide ease of living for residents.

#PMAYUrban #HousingForAll #GHTCIndia #LHPLucknow



## Housing For All @PMAYUrban · Dec 1

A glimpse of #LightHouseProject Lucknow which is closer to inauguration. The project has 1,040 dwelling units constructed using a technology that offers several advantages over traditional methods, including faster construction & reduced maintenance.

#PMAYUrban #HousingForAll



## SUDA (UTTAR PRADESH) @SUDA\_UP · Nov 23

An assessment of the progress in the construction of the Light House Project (LHPs) was conducted under the chairmanship of Shri Manoj Joshi, Secretary of MOHUA, GOI. The Director of SUDA @anilpathakias provided an update on the progress of the #LightHouseProject Lucknow. The... [Show more](#)



## SUDA (UTTAR PRADESH) @SUDA\_UP

Exciting news: The #LightHouseProject in #Lucknow is on the brink of inauguration, revealing 1,040 cutting-edge dwelling units. The use of advanced construction technology promises faster completion and lower maintenance, marking a significant leap towards a more efficient and sustainable future.

#InnovationInConstruction #LucknowDevelopment #GHTCIndia #LHPLucknow #TransformingLives #TransformingUrbanLandscape

### Housing For All @PMAYUrban · Dec 1

A glimpse of #LightHouseProject Lucknow which is closer to inauguration. The project has 1,040 dwelling units constructed using a technology that offers several advantages over traditional methods, including faster construction & reduced maintenance.

[Show more](#)  
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## Housing For All @PMAYUrban

#LightHouseProjects under #PMAYUrban provide dignified living to families inside a well-maintained society with access to all amenities. The project in Rajkot was inaugurated by Hon'ble Prime Minister in October 2022.



## Housing For All @PMAYUrban

Light House Projects: Making a difference!

Beneficiaries of upcoming #LightHouseProjects at Lucknow, Indore, Ranchi & Agartala are regularly visiting the different sites to witness the progress of projects.

#HousingForAll #PMAYUrban #GHTCIndia

