

# LIGHT HOUSE PROJECT RANCHI, JHARKHAND

Construction Agency: M/s SGC Magicrete LLP



No of Houses :	1,008
Technology :	Precast Concrete Construction System - 3D Volumetric
Origin :	Germany
No of Towers :	7
No of Floors :	G+8
Project Cost :	₹ 134.00 Cr.
Built up area :	49,442 sqm
Social Infra :	Community Centre, Skill Development Centre, Anganwadi, School and Health Centre
Special features :	Technology used first time for housing project in the country. 90% work in controlled factory environment. Solar lighting, Rain Water Harvesting and STP

## Construction Process

- 1 Casting of structural modules & slabs in the casting yard
- 2 Placement of modules at site using cranes
- 3 Placement of pre cast floors on already erected structured modules
- 4 Step 2 & 3 are repeated like Lego Blocks to complete a Tower



Light House Project, Ranchi was inaugurated by Hon'ble Prime Minister on 10<sup>th</sup> March 2024



Location: Dhurva, Ranchi, Jharkhand