

# LIGHT HOUSE PROJECT CHENNAI, TAMIL NADU




No of Houses :	1,152 Nos.
Technology :	Precast Concrete Construction System – Precast Components Assembled at Site
Origin :	Finland / USA
No of Towers :	12
No of Floors :	G+5
Project Cost :	₹ 116.27 Cr.
Built up area :	43439.76 sqm
Social Infra :	Anganwadi, shops, milk booth, library and ration shop
Special features :	Four star “GRIHA” rated green building, better quality, durability and thermal efficiency Use of industrial waste (GGBS) with saving in embodied energy, reduction of embodied energy, Solar lighting, Rain Water harvesting, STP


## Construction Process

- 1


Manufacturing of Pre-cast building components (columns & beams, slabs, stairs etc.) in casting yard


- 2


Transportation & Erection of Pre-cast beams & columns at site


- 3

Placement of pre-cast slabs & Assembly through in-situ concreting (wet jointing) with beam and columns


- 4

Infill walls constructed using Autoclaved Aerated Concrete (AAC) Block masonry along with services (electricity, plumbing) followed by plastering



The Project was completed in 12 months.

Hon'ble Prime Minister inaugurated the Light House Project Chennai on 26<sup>th</sup> May, 2022.



Location: Nukkampal Road, Chennai, Tamil Nadu



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