



National Institute of Homoeopathy, Delhi



Location	: Narela, Delhi
Site Area	: 21,032.93 m ²
Built up Area	: 38,540 m ²
Typology	: Institutional
Rating Category	: GRIHA Provisional Rating
Version	: Version 2015
Year of Award	: 2024
Client	: Shri B.K. Singh – Joint Secretary of Ministry of Ayush
Principal Architect	: Mr. Rahul Gupta, Director, Enarch Consultant Pvt. Ltd.
Green Building Consultant	: Mr. Anshu Gupta, Director, MG Consultancy

The following strategies were adopted by the project team to reduce the building impact on the environment:

Sustainable Site Planning & Construction Management:

- Air pollution control measures such as site barricading, wheel washing facility and exhaust height of DG set above average human height were strictly adhered to during construction.
- All 14 existing trees were preserved and 450 new native trees were planted.

Energy:

- EPI reduction of 59.98% from the GRIHA base case has been demonstrated through the integration of high performance systems.
- Solar photovoltaic system of capacity 327 kWp has been installed.

Occupant Comfort:

- 44% of the regularly occupied spaces are day-lit and meet the daylight factor as prescribed by SP41.

Water:

- Reduction of 58.82% from the GRIHA base case has been demonstrated in the building water demand by installing efficient low-flow fixtures.
- Reduction of 42.78% from the GRIHA base case has been demonstrated in the landscape water demand by installing efficient irrigation systems.
- Sequencing batch reactor (SBR) type STP of 250 KLD capacity has been installed in the project.

Sustainable Building Materials:

- Pozzolana Portland cement with 34% pozzolana content by weight has been used in plaster and masonry mortar.
- Vitrified tiles, ceramic tiles, granite and kota stone have been used as flooring materials in the project.

Solid Waste Management:

- Multi-colored bins have been provided for segregation of waste at each floor in the building.
- Dedicated space for storage of segregated waste has been provided in basement of the project.