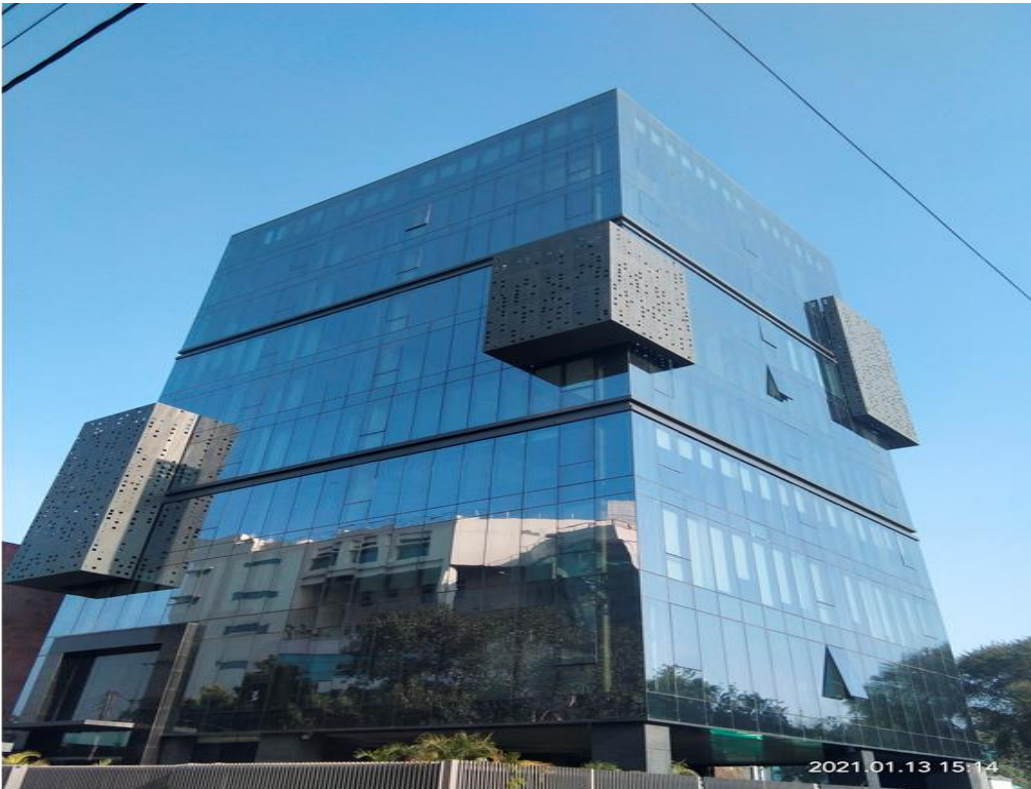




Aman Puri & Samriti Puri, Gurugram, Harayana



Location	: Gurugram, Harayana
Site Area	: 975 m ²
Built up Area	: 2,682.18 m ²
Typology	: Office building
Rating Category	: GRIHA Provisional Rating
Version	: Version 3.1
Year of Award	: 2022
Client	: Mr. Aman Puri & Mrs. Samriti Puri
Integrated Design Team	: Mr. Sumit Dhawan (City Space 82 Architects)
Green Building Consultant	: Akshay Gupta (Passive Design Consultants)

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

Sustainable Site Planning:

- Air pollution control measures such as site barricading, wheel washing facility and exhaust height of DC set were strictly adhered to during construction.
- Roads and pedestrian pathways were shaded on site.

Energy:

- 86% of the regularly occupied spaces are day-lit and meet the daylight factor as prescribed by NBC 2005.
- Automatic timer control has been provided for 100% of the outdoor lighting system.
- EPI reduction of 53.7% from the GRIHA base case has been demonstrated through the integration of high-performance systems.

Water Management:

- Reduction of 34.63% from the GRIHA base case has been demonstrated in the building water demand by installing efficient low-flow fixtures.
- Hessian cloth were used for curing of columns and ponding technique was used for curing of slabs.

Renewable Energy Technology installed on site:

- Solar photovoltaic system of capacity 30 kWp has been installed.

Sustainable Building Materials:

- AAC blocks with 60% fly ash content have been used for walling in the project.
- Vitrified tiles, Kota stone and ceramic tiles have been used as flooring materials in the project.

Waste Management:

- Moving Bed Biofilm Reactor (MBBR) type STP of 20 KLD capacity has been installed on site.
- Central waste collection area has been provided for storage of segregated waste on site.