



## Kaushal Bhawan, New Delhi



<b>Location</b>	: New Delhi
<b>Site Area</b>	: 5,479.44 sq.m.
<b>Built up Area</b>	: 18,341.73 sq.m.
<b>Typology</b>	: Commercial
<b>Rating Category</b>	: GRIHA Provisional Rating
<b>Version</b>	: Version 2015
<b>Year of Award</b>	: 2025
<b>Client</b>	: Ministry of Skill Development & Entrepreneurship
<b>Green Building Consultant</b>	: I- NAT Global

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

### **Sustainable Site Planning:**

- Availability of amenities such as pharmacy, railway station are at a walking distance from the entrance and cafeteria, gymnasium and ATM are located within the project.
- 51% of total external walls oriented towards unfavorable spaces are buffer spaces.

### **Energy:**

- EPI reduction of 52.4% from the GRIHA base case has been demonstrated through the integration of high-performance systems.
- Solar photovoltaic system of capacity 30 kWp has been installed.

### **Occupant Comfort:**

- More than 68.5% of the regularly occupied spaces are day-lit and meet the daylight factor as prescribed by NBC 2005.

### **Water Management:**

- Reduction of 71.58% from the GRIHA base case has been demonstrated in the building water demand by installing efficient low-flow fixtures.
- Reduction of 64% from the GRIHA base case has been demonstrated in the landscape water demand by installing efficient irrigation systems.
- Moving Bed Biofilm Reactor (MBR) type STP with a capacity of 100 KLD, was installed in the project.

### **Sustainable Building Materials:**

- Pozzolana Portland cement with 35% fly ash content were used in plaster and masonry mortar.
- AAC blocks have been used for walling in the project.

### **Waste Management:**

- Centralized waste collection facility has been provided in the project.
- Multi-colored bins have been provided for segregation of dry & wet waste.