



SUB TREASURY Office Building Fatehpur, Chandigarh



Location	: Fatehpur, Chandigarh
Site Area	: 838 sqm.
Built up Area	: 244.36 sqm.
Typology	: Office building
Rating Category	: SVA GRIHA Final Rating
Version	: Version 2.2
Year of Award	: 2023
Client	: Treasuries, Accounts and Lotteries, Himachal Pradesh
Integrated Design Team	: Chief Architect, PWD, Himachal Pradesh
Green Building Consultant	: Design2Occupancy Services LLP

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

Sustainable Site Planning:

- 8 new native trees have been planted on site.
- Ventilators have been provided in habitable spaces to increase cross-ventilation.

Energy:

- More than 90.51% of the total living area is day-lit.
- LPD of the project is 2.26 W/m², which is lower than the ECBC specified limit of 10.80 W/m² for office buildings.
- BEE 5-star rated air conditioners and fans have been installed.
- Solar photovoltaic system of 8 kWp capacity has been installed.

Water Management:

- Reduction of 61.02% from the SVA GRIHA base case has been demonstrated in building water demand by installing low-flow plumbing fixtures.
- Reduction of 32.64% from the SVA GRIHA base case has been demonstrated in landscape water demand by using native trees.
- Rainwater storage tank of 3,240 litres capacity has been constructed on site.

Sustainable Building Materials:

- 100% of interior paints used in the project are low VOC and lead-free.
- Ceramic tiles, vitrified tiles and kota stone have been used as flooring material.

Lifestyle:

- Most of the basic amenities such as grocery store, ATM, pharmacy, restaurant, school, community and park are in close proximity to the site.
- Environmental awareness signage's have been displayed at various locations.
- Electric charging point has been provided to encourage the use of electric vehicles and reduce carbon emission.
- Dedicated resting spaces and toilets were provided for the service staff people.
- Chairs and workstations procured for the project have recycled content in it.