



Gateway of Guwahati, Assam



Location	: Guwahati, Assam
Site Area	: 3,573 sqm.
Built up Area	: 884 sqm.
Typology	: Commercial/ Office
Rating Category	: SVAGRIHA Rating
Version	: Version 2.2
Year of Award	: 2026
Client	: Assam Inland Waterways Company Ltd. (AIWCL)
Green Building Consultant	: ECOSPACE- Green Design Consultancy

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

Sustainable Site Planning:

- 29 numbers of new native trees have been planted on site.
- Reduction of 55.14% in heat gain through favorable orientation and design of facades from the GRIHA base case.

Energy:

- 55.91% of the total living area is day-lit.
- LPD of the project is 6.44 W/m², which is lower than the ECBC specified limit of 10.8 W/m² for office buildings.
- BEE 5-star rated appliances have been installed.
- Solar photovoltaic system of capacity 20 kWp has been installed.

Water Management:

- More than 70% reduction from the GRIHA base case has been demonstrated in the building water demand by installing efficient low-flow fixtures.
- Reduction of 58.97% from the GRIHA base case has been demonstrated in the landscape water demand by plantation of native shrubs and plants on site.

Sustainable Building Materials:

- Reduction of more than 43% in embodied energy by using AAC blocks for all external and internal walls.
- 75% of all materials used in building interiors are low environment impact materials.

Lifestyle:

- Most of the basic amenities such as grocery store, ATM, pharmacy, restaurant and park are in close proximity to the site.
- Printed brochures highlighting the energy and water savings are made available at the ticket counters for visitors' awareness.
- Dedicated resting rooms and toilets for the service staff has been provided in the project.