



IIM Udaipur

GRIHA LD Master plan Rating (Version 2) : 5 stars

Location : Udaipur, Rajasthan

Site area : 1214550 sq.m

Built-up area : 155000 sq.m

Renewable energy installation proposed : 2917.6 kw

The following strategies were adopted to reduce the building impact on the natural environment:

📍 Site Planning

- Hard paving has been reduced and landscape is interspersed between the building clusters to reduce the increase in outdoor ambient air temperature.
- Sustainable Urban Drainage systems such as bio swales, retention ponds have been integrated to reduce peak run-off quantity.
- The site planning is in synchronization with the lake concept of Udaipur city.

🔌 Energy

- The buildings are designed to be about 47% more energy efficient than GRIHA LD base case.
- Street lighting is designed to be about 80% more energy efficient than the GRIHA LD base case.
- Street lights shall be designed to meet minimum lighting requirements and will be installed with automatic switches.

💧 Water

- Project shall be utilizing 100% rainwater, which shall be collected in lakes/ and underground tanks, and will be used for various purposes including drinking after required treatments.
- DEWATS system will be installed to treat the sewage generated on site.
- All fixtures in the project will be low-flow.

♻️ Solid Waste Management

- All organic kitchen waste shall be converted to Biogas.
- All waste from campus will be segregated and sent for recycling through authorized recyclers.

🚗 Transport

- Site planning has been done to improve walkability in the campus through continuous and universally accessible footpaths.
- E-rickshaws/Battery operated golf cart will be provided on site for intra-site movement.
- Electric charging facilities will be provided for more than 10% of the total car and two wheeler parking slots.

👥 Social

- All construction workers will have access to clean drinking water, toilets and accommodation.
- Campus has been designed to ensure universally accessibility.
- 7% of the landscape area will be used to grow food.

Integrated Design Team:

Client : Indian Institute of Management Udaipur

Coordinator/PMC : SYConE CPMC Pvt Ltd

Principal Architect : Vastushilpa Consultants

Landscape Architect : Earthscapes Consultancy Pvt Ltd

Structural Consultant : Ducon Consultants Pvt Ltd

MEP Consultant : Jhaveri and Associates

Green Building Design and Certification : dbHMS