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

🎉 Sustainable Site Planning:
- All the existing 20 trees were cut and 60 new native trees were planted.
- Barricading of site was done to prevent air pollution.

💧 Water Management:
- Reduction of 72.67% from the GRIHA base case has been demonstrated in building water demand by installing water efficient fixtures.
- Reduction of 65.51% from the GRIHA base case has been demonstrated in the landscape water demand.
- Gunny bags/hessian cloth was used for curing of columns and ponding technique was used for curing the slabs.

🌞 Energy Optimization:
- For achieving visual comfort:
  » 75.72% of total living area is day-lit and meets the daylight factor as prescribed by NBC 2005.
- For achieving thermal comfort:
  » EPI reduction of 50.72% from the GRIHA base case has been demonstrated through the integration of high performance systems.

🌞 Renewable Energy Technology installed on site:
- 60 kWp solar photovoltaic system has been installed on site, which would be able to generate 88,025 kWh/annum.

🌿 Sustainable Building Materials:
- Sustainable materials such as mineral fiber, gypsum boards for false ceiling; MDF board for paneling; vitrified tiles and granite for flooring have been used.
- Reduction of 21.56% from the GRIHA base case has been achieved in combined embodied energy of load-bearing structure and masonry walls by using AAC blocks for masonry work.

Integrated Design Team:
- Client: Software technology parks of INDIA
- Principal Architect: Planners Group
- Landscape Architect: Planners Group
- Structural Consultant: M/s Design Accredits
- Electrical Consultant: M/s Sunil Nayyar Consultants Pvt. Ltd
- Green Building Design and Certification: Energetic Consulting Pvt. Ltd