

NAAC Criterion-VII

Institutional Values and Best Practices

Key Indicator – 7.1 Institutional Values and Responsibilities

Sub-Criteria 7.1.2 Facilities for Alternate Source of Energy and Energy Conservation Measures



TECNIA INSTITUTE OF ADVANCED STUDIES

**(Approved By AICTE, Ministry of Education, Govt. of India,
Affiliated to G.G.S.I.P. University & Recognised Under Sec. 2 (f) of UGC 1956)
3 PSP, Institutional Area Madhuban Chowk, Sector 14, Rohini, New Delhi-110085**

INDEX

Evidence/Proof/Additional information

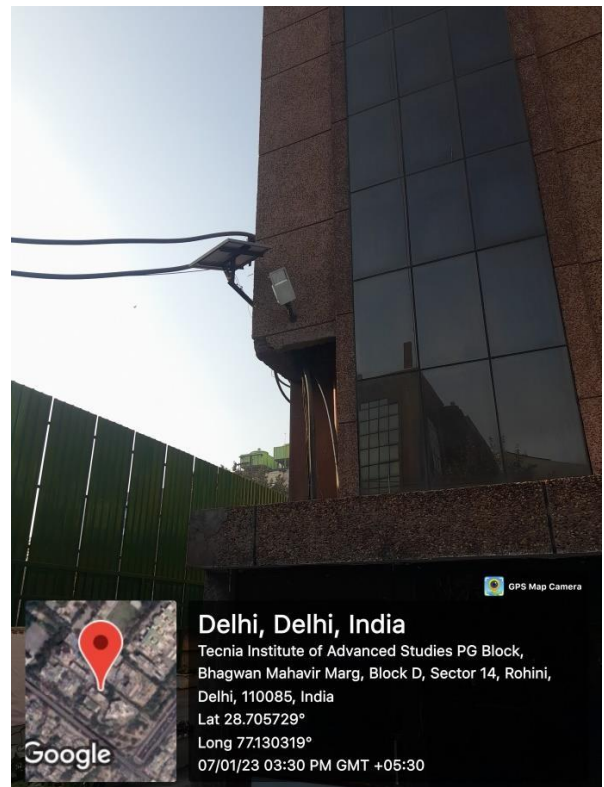
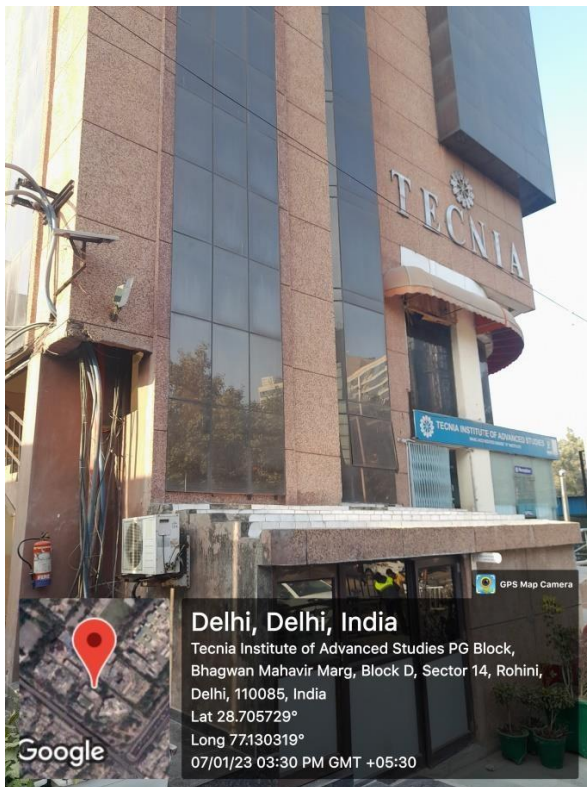
S. No.	Particulars	Page No. /Relevant Link
1	Solar Energy	3
2	Biogas Plant	NA
3	Wheeling to the Grid	NA
4	Sensor-Based Energy Conservation	4
5	Use of LED Bulbs/Power Efficient Equipment	5

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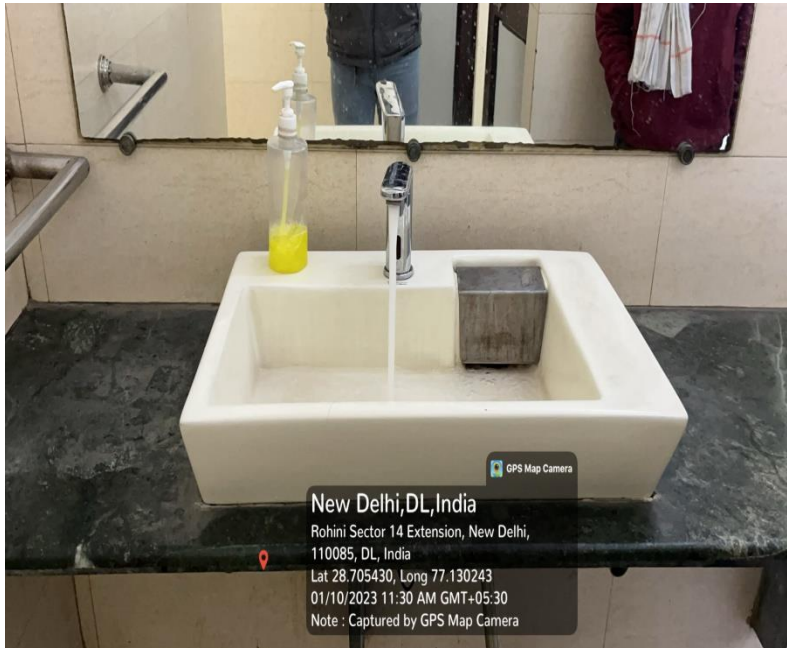
1. Solar Energy

In pursuance of promoting Green initiatives in institute under Renewable Energy and maintained by Institute on rooftop. Institute has installed a standalone roof top solar power plant with battery bank lights. The Solar plant is fully functional and utilized for generating energy for building usage such as lighting etc. The solar panels and modules have been installed on the roof-top.



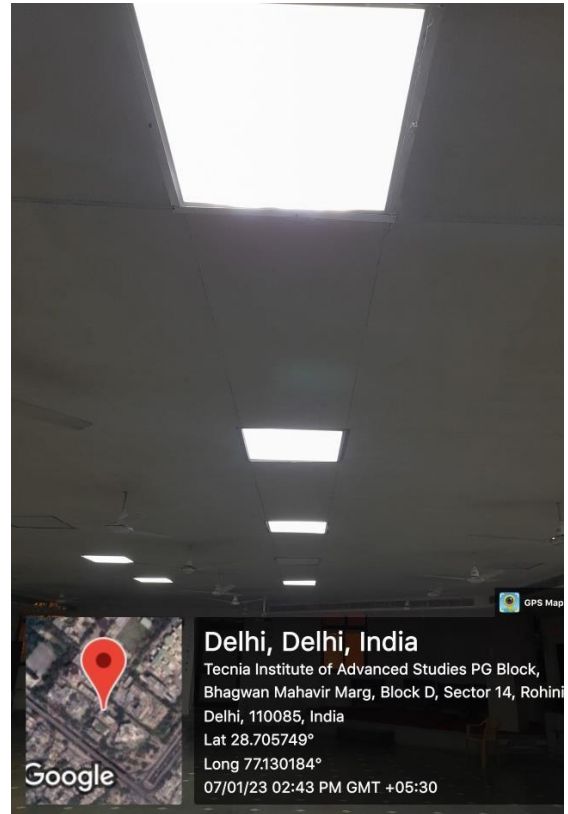
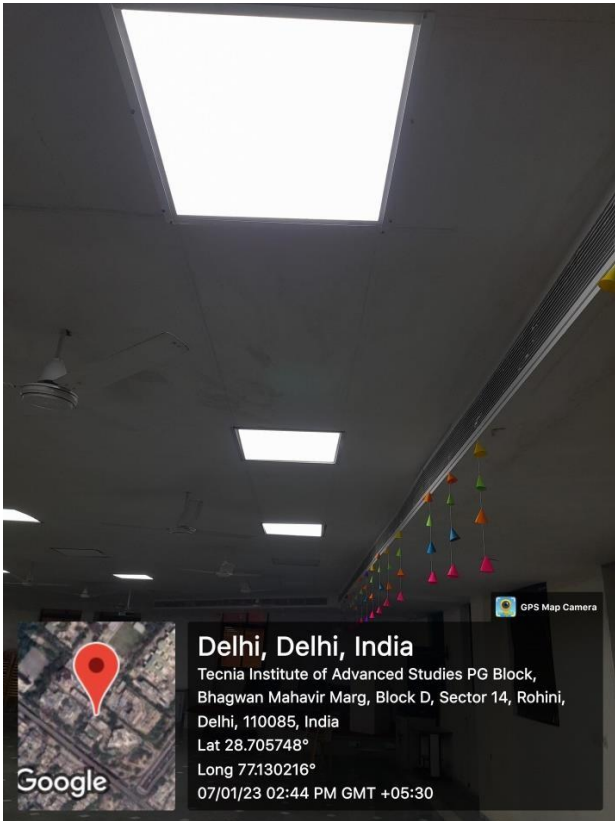
2. Sensor- Based Energy Conservation:

This type of energy conservation is already in place. Motion sensors have been installed in a few of the institute washrooms. In order to save a significant amount of energy is saved with water are automatically shut off. In some laboratories, appliances like air conditioners, fans, and lights have been made remote-controlled through VRV System.



3. Use of LED bulbs/ power efficient equipment:

The institute has taken steps to switch out conventional light bulbs for LED ones. The institution also promotes the procurement of equipment with a star rating for energy efficiency whenever possible.



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