



ST. XAVIER'S COLLEGE MAHUADANR

Estd: 2011. Affiliated to Nilamber-Pitamber University, Medininagar NPU/R/953/11

P.O- Mahuadanr, Dist. Latehar, Jharkhand 822119

Accredited with 'B' Grade by NAAC, Recognized by UGC

AISHE-C-42763

ISO-9001:2015

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ENERGY MANAGEMENT POLICY

Preamble

~~Prioritizing environmentally-friendly options and harnessing energy resources are critical components in~~ achieving Sustainable Development Goals for any organization. As energy demands surge, responding effectively becomes paramount. Therefore, St. Xavier's College, Mahuadanr, has integrated alternative energy sources, specifically Solar PV generation. The college's energy policy underscores efficient energy management and conservation through well-defined procedures outlined in this policy.

Statement

The Energy Policy of SXCM oversees, conserves, and manages the campus's energy requirements, striking a balance between energy demand and supply. The institute bears the responsibility of raising awareness among students and staff regarding energy conservation measures. The aim is to ensure efficiency by maximizing the use of the Renewable PV power generation system and optimizing electric energy utilization. This involves the prudent consumption of lighting load along with proper energy conservation practices across the campus.

The following objectives will drive the implementation of the SXCM energy policy:

Objectives

- ~~❖ Enhance energy efficiency to lower consumption and costs.~~
- ❖ Minimize energy usage by maximizing natural light and ventilation through the glassed windows.

Action Plan

- Conduct an annual External Energy Audit.
- Establish a backup power supply system to meet campus energy needs seamlessly.
- Introduce energy-efficient measures in supply and demand systems as part of campus energy management.
- Implement sensor-based energy conservation techniques.
- Replace existing conventional lighting with LED lamps.
- Expand the Solar PV System.
- Promote awareness among students and staff through energy conservation training programs.
- Acquire Energy Audit certification.
- Provide expertise to industries and other organizations in energy management, offering Energy Audit Services.

Principal
St. Xavier's College
Mahuadanr