



PAVANATMA COLLEGE

MURICKASSERY , IDUKKI 685604




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Energy Conservation Policy

Introduction

To tackle the depletion of available energy resources, it is our duty to make the future generation aware of the significance of energy conservation. With the objective of ensuring the maximum utilization of the limited resources and elimination of wastage, various methods are implemented by the institution.

Energy Conservation Policy Statement

Pavanatma College is committed to ensure the usage of energy in the college is to be efficient and effective. As a Higher Education Institution we are obliged to be a model to students and the society in terms of energy usage and conservation. The College sees it as a responsibility to refrain from conventional non- renewable energy sources to nonconventional renewable energy sources in a gradual basis.

Objectives

1. Promote the principles of reduce, reuse and recycle
2. To create awareness among the stakeholders regarding the greenhouse emissions due to unrestrained consumption of energy
3. Efficient use of the available resources without wastage
4. Harness and preserve renewable energy resources like water, sunlight and biomass to achieve energy independence
5. To develop strategies to counter the rising energy demands of our times

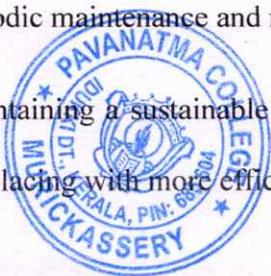


Methods

1. Providing awareness regarding the energy consumption by conducting various programmes like awareness classes, observation of days, activities etc.
2. Reduction if electricity, plastic and water usage inside the campus
3. Implementing effective management of waste water projects
4. Replacement of conventional lighting system with LED bulbs and tubes
5. Solar panels are installed to utilize solar energy
6. Water conservation through rain water harvesting and open well recharge system
7. Energy audit is being conducted periodically to identify the use and wastage of energy
8. Use of energy efficient equipment in the campus
9. To reduce energy consumption and wastage, maximum ventilation is provided in the buildings.

Energy Optimization Plan

1. Regular Monitoring and benchmarking resource use and waste generation.
2. To conduct Energy Audit of the College
3. Monitor and evaluate the energy performance levels
4. Setting short term and long term targets and conservation strategies, to achieve and surpass goals for zero-carbon Campus.
5. Use of energy efficient, star labelled equipment.
6. Periodic maintenance and replacement of other lights/lighting fixtures to LED.
7. Maintaining a sustainable approach by use of existing equipment efficiently till its life cycle ends, and replacing with more efficient equipment when necessary.




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