

Maharashtra Shikshan Samiti's

Maharashtra Mahavidyalaya, Nilanga



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Energy Usage Policy

INTRODUCTION

This policy document is the guidelines and practices for energy uses in our college which promote energy efficiency by using LED light as well as college have solar system and some energy efficient equipment which help us to minimise energy consumption of our campus. Our goal is to create a sustainable energy management system that benefits both the environment and our institute.

Objectives:

1. To reduce energy consumption lower overall energy use through efficiency.
2. To promote energy efficiency implementation energy saving technology and practices.
3. To create awareness:-educate the student about energy conservation also to college staff.
4. To support sustainable practices integrate energy efficiency into campus operation and decision making.

Guidelines for Energy Usage

Maharashtra Mahavidylaya has adopted the policy for efficient energy usage. College endeavours to both save and generate electricity by various means. These guidelines aimed at reducing the usage of electricity in the college as well in creating awareness among the stakeholders for

understanding the consequences of reckless usage of energy for the future generations and hazards it may entail in achieving the Sustainable Development Goals (SDGs).

Following are the general policy guidelines for efficient energy usage. Maharashtra Mahavidyalaya Nilanga takes initiatives observing in the following guidelines in its functioning.

1. Promoting the use of recent, advanced technology to decrease energy consumption.
2. Ensuring the accessibility of required resources to accomplish our objectives.
3. Creating an awareness on energy conservation measures among the stake holders
4. Encouraging and providing opportunities to employees and students to connect with initiatives for environmental protection and conservation.
5. Organizing promotional activities and knowledge or environmental protection among our students by displaying boards and hoardings in the campus for energy conservation.
6. Utilizing daylight at its maximum extent and turn off unnecessary lights.
7. Installing energy efficient lighting equipment in the entire campus to lower energy consumption decrease maintenance cost and to save energy and expenses.
8. Installing and utilizing to the maximum the solar panels which will be helpful for reducing the burden of electricity bills.
9. Preferring energy efficient equipment over conventional equipment.
10. Conducting regular energy audits and following the instructions and advices given by the auditing agency.
11. Reducing air pollution in the campus by restricting entry of automobiles in the college campus.
12. Taking more initiative for continuous decrease in energy usage.

Facilities for Alternative Sources of Energy and Measures for Energy Conservation


College conducts various energy conservation practices to save energy. Some of our energy conservation measures are as follows:

- I. We have installed energy efficient LED lights in premises of college. It helps us lower energy consumption, decrease maintenance cost and use as an energy efficient system to save the energy. We have completely replaced the Tungsten and CFL bulbs, tubes and flood lights by the LED lighting equipment in the campus.
- II. Utmost care is taken to ensure that electric and electronic device being purchased is energy efficient e.g. refrigerators, ACs, CCTVs, Smart TVs, and Printers etc.
- III. Activity sensor based lights are installed in the campus.
- IV. There is a centralized electricity control mechanism which has separate electric switches to switch on or off any particular wing or floor. This can easily ensure that during the night hours and vacations no devices mistakenly left un-switched off are not consuming energy.
- V. Our college has installed renewable energy source device—solar system which is helpful to reduce electricity consumption bills.
- VI. Energy audits are conducted by external agency and the instructions and advices given by the auditing agency are followed.
- VII. Instructions are given to the students to save energy in the college campus.
- VIII. The instructions are stuck in the departments, laboratories and computer labs regarding the switching off the electric and electronic devices like fans, Smart TVs, Smart Boards, Tubes and Computers etc. which are not in use.


- IX. The last person leaving a department, laboratory, computer lab or office is instructed to ensure that all the electric and electronic devices are properly shut down or switched off.
- X. Notices are circulated to the students regarding switching off the devices which are not required.

Activities to create awareness about saving energy are conducted in the college.

Policy Signed by



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