




POLICY

DOCUMENT ON

ENVIRONMENT

AND ENERGY


PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.



The environment and energy usage policy of Mahaveer Institute of Science and Technology is to manage energy in a systematic way so as to minimize its impact on the environment the college has formulated the policy on environment and energy usage to affirm the institution commitment to environment and energy issues and to solve those issues through continuous improvement in environment related activities.th policy aims to ensure environment and energy compliance by adhering the sound environment and energy policies in academic and administration departments of the institution.

Mahaveer Institute of Science and Technology understands that ecological sustainability is the key components of social responsibility and therefore strives to conserve the environment by adhering eco-friendly approach from implementation to training the students as well. This includes conserving energy, water and avoiding and reducing carbon dioxide emission and waste management.

Objectives

- To assess our energy usage and measure its impact on the environment.
- To count CO₂ emissions generated by our means of transportation - Vehicles.
- To reduce local air pollution emissions using environment-friendly vehicles, including bicycles, public transportation and use of pedestrian-friendly roads.
- To install photovoltaic solar panels for the generation of alternate energy.
- To develop systematic waste management mechanism.
- To develop rainwater harvesting unit.
- To undertake tree plantation drive.
- To encourage use of advanced technology to minimize energy consumption, atmospheric emissions and noise, particularly from our vehicle fleets.
- To engage in dialogue with the government agencies, municipal corporation and the affiliating university and actively work with the local organizations in the areas of environment, energy efficiency and sustainable development.
- To monitor and respond to emerging environmental and energy issues. To strengthen our employees' and students' environmental knowledge and skills in order to improve our own environmental performance.
- To provide information and training opportunities on energy saving measures.
- To offer opportunities for employees and students to engage in initiatives which contribute to environmental protection.
- To train our employees and students to make them '**Go Green Specialists**' and partners to plant trees each year.



Environment and Energy initiatives in the Campus

- **Plantation of Trees:** The college management made it a practice to plant trees across the campus to improve greenery. This is a continual ongoing process and every year a target is taken to plant trees and increase the Green cover inside the campus. The Following are the objectives kept in mind for increasing the Green Area coverage inside the campus and internal in the buildings too. This will help in reducing climate change, air purification, cooling down the streets, natural air conditioning and saving water.
- **Renewable Energy:** 100 kW Solar PV Grid Connected and there is available area for further addition of Solar PV plant. Among all the benefits of solar energy the most important thing is that solar energy is a truly renewable energy source. It can be harnessed in all areas of the world and is available every day. We cannot run out of solar energy source.
- **Water conservation, harvesting and management**
- **Waste Management** which includes bio-waste, non-bio waste and E- waste Management.
- **Carbon foot print**
- **Installation of LED bulbs in the whole campus to save energy.**

This policy will be communicated to the students and employees via internal communication channels, and will be made available to all the stakeholders on the institutional website. The Environment and Energy Policy, objectives and targets will be reviewed on a regular basis by the Green Campus Committee Convener and its members under the guidance of the Principal of the college.


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