

Mahatma Gandhi College, Kesavadasapuram

Environment and Energy Usage Policy

The purpose of this policy is to outline the commitment of Mahatma Gandhi College to environmental sustainability and efficient energy usage. This policy aims to reduce the environmental impact of our operations and promote sustainable practices. This policy applies to all employees, and other stakeholders involved in the organization's operations.

Commitment to Sustainability

We are committed to reducing our environmental footprint through the implementation of sustainable practices across all areas of our operations.

Objectives

- Minimize waste generation and promote recycling.
 - Reduce greenhouse gas emissions.
 - Conserve water and energy.
 - Protect natural resources and biodiversity.
 - Promote sustainable procurement practices.
1. **Implement waste reduction and recycling programs:** Plastic Bins and dry leaves bins are placed at different places to reduce open burning of biomass and thereby reduce greenhouse gas emission. Bio gas plants are placed at places to handle food wastes and thereby generate fertilizers needed for the organic farm/medicinal garden/butterfly garden nearby.
 2. **Invest in renewable energy sources and energy-efficient technologies:** We have replaced all the fluorescent tube lights in the institution with LED lights, since it is 80% more efficient and only 5% is wasted as heat. The ceiling fans with induction motors are being replaced by BLDC ceiling fans. Proper wiring and earthing are done to reduce energy wastage. The institution is planning to cover most of its energy needs by implementing solar panels in the next 5-10 years.
 3. **Conduct regular environmental audits and assessments:** Regular energy/environment audits are being conducted regularly by the institution from certified agencies. Also, energy audits are conducted using student volunteers with the proper guidance from teachers. This helps the children to gain awareness about the necessity of energy conservation. Also, awareness campaign is being conducted for students at regular intervals.
 4. **Engage in reforestation and habitat restoration projects:** A program has been implemented by the institution for barcoding all the trees in the campus and thereby increase the awareness among the students. In the later stage, it is being planned to implement this beyond the campus and increase the public awareness.
 5. **Water Conservation facility :** Our college is committed to sustainable water conservation practices, including installing water saving fixtures and conducting regular maintenance to prevent leaks. We also promote water efficiency through educational programs for students and staff. College has implemented a rainwater harvesting facility to collect and utilise rainwater for sustainable water management.


Principal
Mahatma Gandhi College
Thiruvananthapuram