



PAVANATMA COLLEGE

MURICKASSERY , IDUKKI 685604

ENVIRONMENTAL POLICY

THE ENVIRONMENTAL POLICY

PAVANATMA COLLEGE, MURICKASSERY

Scope of the Policy

The Green Campus and Environment Policy aims to create innovative co-curricular and extracurricular practices that empower students and staff to drive positive change. The schemes ask for a complete assessment of all infrastructure and administrative operations in terms of energy efficiency, sustainability, and environmental impact.

The Policy Statement

The Environment Policy of Pavanatma College is embedded in the Concept of Environment and Economic Sustainability. Pavanatma College is entirely devoted to protecting and conserving the natural environment, providing a safe, pleasant, healthy, and participatory teaching and working environment, and making the best use of energy and natural resources.

Objectives of the Policy

- To safeguard and conserve natural systems and resources on campus.
- To responsible use of environmental resources to satisfy the requirements of current and future generations.
- To integrate environmental concerns into social development programmes, goals, and outreach efforts.
- To cooperate with all stakeholders and the local community to create awareness and seek the adoption of environmental good practice and the mitigation of any harmful impacts on the environment.
- Our goal is to enhance our impact on climate protection, adaptation, and resource conservation.
- Ensure effective use of resources, such as electricity and water, and decrease waste via recovery and recycling.
- To eliminate plastic waste on campus.
- Conduct periodic environmental and energy audits.
- Implementing an E-governance policy to reduce paper usage in administrative processes.

The Focus Areas of the Policy

- ❖ Clean Campus Initiatives
- ❖ Landscaping Initiatives
- ❖ Infrastructure Development
 - Solar Power Generation
 - Installation of energy efficiency equipment
 - Water Conservation
- ❖ Waste Management
 - Solid Waste Management
 - Liquid Waste Management
 - E- Waste management
- ❖ Awareness Initiatives
- ❖ Clubs and Department Activities
- ❖ Plastic Free Campus
- ❖ Green Energy Audit

The Policy:

Clean Campus Initiatives

Pavanatma College supports the Swachh Bharat Abhiyan by coordinating cleaning programmes both on and off campus. It agrees to continue with this programme. It includes;

1. Holding frequent cleanliness drives to raise general awareness of cleanliness and hygiene among students and staff members. The goal is to encourage them to contribute in a proactive manner.
2. The college's NSS, Nature and Bhoomithra Clubs, and Green Warrior volunteers will all participate in the 'Swachh Bharat Abhiyan' activities.
3. Staff will be encouraged to take part in the college campus cleanliness effort.
4. Remove any trash materials, including damaged furniture and useless equipment.
5. Administer the yearly promise made by students and staff to keep the college campus and adjacent areas clean.
6. Conduct workshops on the three R's: reduce, reuse, and recycle of waste.

Landscaping Initiatives

It is an important aspect of educational life, offering room for study, recreation, outdoor activities, relaxation, and aesthetic enjoyment. Green campus landscapes also regulate runoff, recharge groundwater, and purify and chill campus air. The environment demonstrates the college community's dedication to sustainability. Campus landscaping activities are an effective technique to raise environmental awareness due to their visibility and accessibility.

The campus has around 150 trees, 500 bushes, and grassy areas. The landscape of trees and plants provides clean and pleasant air for 1000+ students and staff, creating a peaceful setting. Nature and Bhoomithra clubs jointly Organize annual tree plantation drives and Encouraging students to hold tree planting events.

Infrastructure Developments

Renewable Sources of Energy

Pavanatma College is committed to reducing and managing its power use in an environmentally responsible manner. The institution aims to reduce non-renewable energy usage by using sustainable energy sources such as solar energy to power campus lighting. Consequently, solar panels were erected on the top roof of the college structure.

Energy Saving and Energy Efficient Equipment

Our aim to install eco-friendly electrical equipment that conserve energy and decrease unnecessary inefficiencies. The college prioritizes environmentally friendly practices, including LED lighting.

Water Conservation

Pavanatma College is devoted to replenishing the groundwater table through rainwater gathering. This approach contributes to the replenishment and recharging of groundwater.

Waste Management Processes

Pavanatma College prioritizes environmental sustainability by reducing and managing trash on campus. The following particular processes will be implemented to ensure Pavanatma College's commitment to environmental protection;

Solid Waste Management

The institution aims to deliver comprehensive education with a beneficial environmental effect. To do this, they will implement strategies that reduce and manage solid waste, including:

Follow the 3Rs of environmental friendliness: reduce, reuse, and recycle.

- Collect paper trash produced on campus and engage with scrap merchants for recycling.
- Create a technology-driven teaching and administrative paradigm to reduce solid waste.
- Digitize attendance and internal evaluation data to save paper consumption.
- Update the college library's e-books and journals collection to reduce the need for printed books.
- Promote awareness among students about;
 - Food waste and solutions to reduce it.
 - Minimizing the usage of prefabricated foods
 - The habit of consuming and recycling non-biodegradable items
 - Organizing student workshops on solid waste management.

Liquid Waste Management

- Maintain leak-free water fixtures.
- Use less water by building Indian-style toilets instead of Western-style toilets.
- Employ a caretaker to prevent water leaks from taps, pipelines, tanks, and toilets.
- Reuse wastewater generated by the Reverse Osmosis (RO) system in restrooms.

E-Waste Management

Pavanatma College uses technology and generates e-waste responsibly to minimize environmental effect. The college aims to improve its e-waste disposal policies.

- Raising awareness among students about reducing e-waste and adopting environmentally responsible disposal procedures.
- Encourage departmental and societal-level e-waste management efforts.

Awareness Initiatives

Effective outreach and education are crucial for ensuring that the policy's objectives are understood and implemented by the whole campus community. Pavanatma College promotes awareness programmes, seminars, workshops, conferences, and interactive sessions to effectively execute Green Campus, Energy, and Environment regulations.

Clubs and Department Activities

Pavanatma College supports departments and student groups, including Bhoomithra and Nature clubs, NSS, and others, to organize events, contests, and training sessions to promote good environmental change at the grassroots level. The institution works with departments and student groups to empower students to protect and conserve the environment.

Plastic-Free Campus

Since its beginnings, Pavanatma College has focused on solid waste management. The college administration has implemented a 'Plastic Free Campus' policy in response to the Government of India's decision to prohibit single-use plastics due to their harmful influence on pollution and the environment.

Green and Energy Audit

The college conducts regular Green Audits to examine strengths and shortcomings and promote long-term sustainability. A green audit can help identify energy, water, and resource usage patterns. The college can plan for adjustments and cost-saving measures. It can identify the kind and volume of garbage. Recycling or waste minimization initiatives can be implemented. It enhances our awareness of the impact of eco-friendly actions on campus. Green auditing promotes financial savings by reducing resource consumption. The college must analyze its own contributions to a sustainable future.

Conduct energy audits as needed to decrease carbon footprint. The value of lowering energy use cannot be emphasized. The energy audit will discover energy waste using specialized techniques. An examination can discover problems that lead to considerable energy loss that the college may

not recognize. Fixing these problems is generally simple and cost-effective, leading to considerable savings.