



DNYANSAGAR ARTS & COMMERCE COLLEGE

I Affiliated to Savitribai Phule Pune University I

(AISHE Code: C- 41459)

7.1.3 Policy Document on Environment and Energy Usage

Policy document on the green campus/ Energy/ waste/ Water management& conservation

The college is dedicated to implement, maintain and improve environmental management processes in the campus in order to reduce its carbon and environmental footprint. Consciousness about ecological balance and impact of its disorder on sustainability is deep rooted in the ethical framework of the institution. Green Campus Policy that aims to create a Clean and Green Campus where teaching and environmentally friendly practices work together to encourage eco- friendly and sustainable behavior in both on and off campus. Additionally, it provides the organization with a chance to take the initiative in reinventing its environmental culture by guiding staff and students about environmental ethics.

Objectives

- ❖ To educate staff and students on reducing the use of harmful items, avoiding plastic bags, and promoting environmentally friendly goods and services.
- ❖ To address a variety of pollutants, both biodegradable and non-biodegradable, to minimize their environmental impact.
- ❖ To incorporate environmental issues into academic programs to enhance outreach and support social development activities.
- ❖ To promote awareness of environmental issues within academic programs to extend outreach efforts.
- ❖ To implement green initiatives within the campus to foster a sustainable and eco-friendly environment.

This structured approach helps college to ensure that the green policy effectively promotes sustainability and environmental responsibility within the institution.

Methodology

3. Utilizing renewable energy sources and implementing energy-saving practice

The DACC college has taken significant steps to ensure energy conservation on campus, focusing on energy efficiency. The measures implemented include:

c. Solar Energy Harnessing: A Solar PV power plant has been installed on the rooftop to utilize solar energy.



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b. LED Lighting: Traditional bulbs and tube lights have been replaced with LED bulbs to reduce energy consumption.

These initiatives are part of the institution's commitment to creating a more sustainable and energy-efficient environment.

4. Handling different types of biodegradable and non-biodegradable waste.

The Dnyansagar Arts and commerce and college is committed to a policy of reducing, reusing, and recycling to ensure the judicious use of environmental resources. This policy aims to meet the needs of present and future generations while promoting an eco-friendly atmosphere. Minimizing waste generation by encouraging the use of sustainable products and practices.

- **Solid waste management:** Minimizing waste generation by encouraging the use of sustainable products and practices. To promote effective waste management on campus, we follow a waste segregation policy that involves separating wet and dry waste. Each department is equipped with dedicated dustbins for this purpose, and sweepers are assigned to each department to manage the waste generated. This system helps ensure that waste is properly sorted and disposed of, contributing to a cleaner and more sustainable campus environment.
- **Liquid waste management:** The college has implemented a procedure for managing liquid waste by collecting it in a designated storage pit. The collected waste is then handed over to the municipality for recycling, ensuring responsible disposal and contributing to environmental sustainability.
- **E-Waste Management:** The college has implemented a comprehensive policy for the effective utilization and management of electronic resources. Ensuring that computers and peripherals are regularly upgraded to maintain efficiency and performance. Low-end computers and peripherals are repurposed and used by various departments to maximize their utility. All electronic waste is collected and properly managed.
- **Preserving water resources through efficient usage and sustainable practices.**

The college has implemented a rainwater harvesting system to enhance groundwater replenishment and facilitate the reuse of water for plant irrigation. This system includes the use of rainwater collection tanks to gather and store rainwater effectively.

To integrate environmental issues into academic programs for outreach and social development activities,

The college engages in various environmental initiatives through the NSS in villages. These activities include:

Guest Lectures: Inviting experts to speak on environmental topics to raise awareness and educate students and the community.



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Plantation Programs: Organizing tree plantation drives to promote green cover and environmental sustainability.

Cleanliness Programs: Conducting cleanliness drives to maintain hygiene and promote a clean environment.

Implementing Green Campus initiatives within the campus.

● Restricted access for vehicles

Only electric vehicles are permitted inside the campus. All other vehicles belonging to students and staff must be parked at the designated parking area at the entrance. The college provides ample parking space for students at the entrance and encourages the use of public transportation to help reduce pollution.

● Paths designed to ensure pedestrian convenience and safety.

With a predominantly vehicle-free environment, students and staff enjoy the ease of walking along pedestrian-friendly pathways. The internal roads, adorned with trees and solar lights, are well-maintained, offering a pleasant and eco-friendly atmosphere.

● Enhancing the landscape with tree planting

The college's landscaping is visually stunning and showcases a refined aesthetic. The campus boasts a canopy of trees and plants that contribute to a pollution-free environment, promoting the health and well-being of everyone. The trees offer shade and create a beautiful, serene atmosphere. Dedicated gardeners take meticulous care to develop and maintain the lush, green landscape.

Implementing a green campus policy demands a comprehensive approach and collaboration among various stakeholders, such as students, faculty, staff, and local communities. The goal is to establish a sustainable and eco-friendly campus that not only minimizes its environmental footprint but also exemplifies responsible living and learning.

Waste Management Facilities

The waste management facilities on the college campus are located behind the main building. Waste generated regularly from various departments and laboratories is collected in large waste bins and then moved to a designated area for proper disposal. The college has implemented waste segregation into four categories: solid waste, liquid waste, and E-waste.



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Solid waste

The college generates waste from a variety of routine activities, including paper, plastics, glass, metals, and food. This waste is segregated at each level and source. The Office Superintendent ensures that waste on each floor is collected at designated intervals. Safai workers on each floor are responsible for collecting, cleaning, segregating, and compiling the waste into designated dustbins. These dustbins are then emptied into movable containers and transported to the college's dumping yard.

The College under swatch campaign ,people who collects the waste from the designated place, segregates them, recycles them and disposes them at the landfills authorized by the government.

Liquid waste

Liquid waste generated by the College-is collected disposed to the drainage.

E-Waste

Items such as flip-flops, memory chips, motherboards, compact discs, and cartridges generated from electronic equipment like computers, TVs, phones, printers, fax machines, and photocopiers are properly recycled. Instead of purchasing new machines, a buyback option is utilized for technology upgrades. Any e-waste from hardware that cannot be reused or recycled is disposed of centrally.



Dnyansagar Arts and Commerce
College

Let us follow 3 R's :



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