



BHARATI VIDYAPEETH'S
COLLEGE OF FINE ARTS

Approved by AICTE Affiliated to Savitribai Phule Pune University, Pune

7.1.2 The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and non-degradable waste
3. Water conservation
4. Green campus initiative
5. Disabled-friendly, barrier free environment

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Sr. No.	Name of Document
1	Policy document on the green campus/plastic free campus.



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Policy for Green Initiatives

The institution's dedication to promoting a clean environment is shown in the policy it has created about "Waste Management and Green Initiatives." Understanding how important it is to have a sustainable and circular and circular approach to minimize ecological impact.

The institution is committed to establishing a safe and healthy environment for all of its stakeholders, including teaching and non-teaching staff, students, and the larger community, in order to minimize ecological effect.

Consistent with this pledge, the institution understands that it has a responsibility to guarantee appropriate disposal of waste by means of efficient segregation at the point of origin, with the objective of converting trash into environmentally sustainable, high-value products whenever possible. Additionally, the organization understands the need of using eco-friendly procedures and technology to lessen the negative effects of human activity on the environment, supporting the Sustainable Development Goals (SDGs) and abiding by environmental laws and regulations.

1 Policy Statement

- The College views protecting the campus's natural surroundings as a crucial component of ethical institutional governance and is dedicated to doing so. The institution will create and maintain an Environment Management System in order to accomplish this goal, which will promote sustainable development and improve the quality of life for both the institution community and its surrounds.
- The institution will give top priority to the implementation of best environmental practices in the provision of ecological initiatives and waste management services. Adopting a 'waste hierarchy strategy,' the institution will concentrate on waste product recovery, reduction, reuse, and recycling in order to minimize landfill trash, optimize prospects for recycling, and manage waste ethically.
- Additionally, the institution will aggressively advance energy and water conservation through focused initiatives and practices. We'll work to lessen our environmental impact.

2 Policy Objectives

- Encourage a comprehensive strategy for resource conservation, waste management, and green efforts on college campuses.
- Verify that institution campus waste management procedures comply with all trash-related legal obligations.
- Promote the prudent utilization of ecological resources to satisfy the requirements and ambitions of current and upcoming generations.
- Establish roles and duties that are well defined in order to identify and coordinate waste management and green initiative-related activities.
- Raise staff and student understanding of environmental issues.

4. Policy for Waste Management

Solid Waste Management:

Approach: Reduce, reuse, recycle, and recover waste goods as part of an ethical waste management

strategy by implementing a waste hierarchical approach. Reuse and recycling opportunities are to be maximized while landfill volume is kept to a minimum.

Plan of Action:

1. **Waste Avoidance and reduction:** Provide information on available technology solutions to promote waste reduction and avoidance.
2. **Segregation at Source:** In accordance with the 2016 Solid Waste Management Rules, separate solid waste into streams that are dry and biodegradable before delivering it to collectors.
3. **Reuse and recycle:** Give authorized waste-pickers and recyclers recyclable products, such as plastic, tin, glass, and paper.
4. **Processing and Disposing of Solid trash:** Composting or other appropriate on-site techniques should be used to process biodegradable trash. Wastes that are not biodegradable ought to be disposed of by reputable waste collectors or organizations.

Water and Wastewater Management:

Initiatives:

1. **Water Conservation:** Install efficient fixtures and adopt rainwater harvesting to conserve water.
2. **Minimization:** Implement measures to minimize water wastage within the campus.
3. **Wastewater Treatment:** Treat or dispose of wastewater sustainably according to applicable guidelines.

Action Plan:

Conduct a techno-economic feasibility study for establishing Sewage Treatment Plants (STPs) to treat internal sewage. Utilize effluent water for landscaping and non-potable use.

E-waste/Hazardous Waste/Biomedical Waste Management:

Compliance: Manage e-waste, (hazardous waste, and biomedical waste-Not applicable) in accordance with government regulations such as E-Waste Management Rules 2016.

Action Plan:

1. **Inventory and Collection:** Departments should conduct inventory of items classified as e-waste within specific timeframes. Establish an e-waste collection center for departments.
2. **Vendor Selection:** Invite suitable authorized vendors approved by the Central Pollution Control Board to auction e-waste for offloading from the campus.

5. Campus Green Initiatives

Green Audit:

The institution commits to conducting an annual comprehensive Green Audit of its structures and operations to prioritize Environmental Sustainability in alignment with relevant regulations, policies, and standards.

Objective: Enhance energy and water usage efficiency, improve waste management practices, and foster overall eco-friendly campus development for a sustainable future.

Components of the Green Audit:

Water Audit: Assessing water balance, consumption, and recycling.

Waste Audit: Inventorying municipal solid waste, hazardous wastes, biomedical wastes, and compostable fractions. Evaluating waste segregation and management practices.

Energy Audit: Inventorying electrical fixtures, appliances, and machinery. Identifying energy consumption patterns and recognizing energy wastage and leakage points.

Biodiversity Assessment: Mapping green cover, counting trees, and maintaining a biodiversity register.

Green Master Plan:

Ensure compliance with environmental norms and standards, prioritizing energy efficiency, waste reduction, and optimized resource consumption in all future campus development projects.

(a) Energy Conservation

The college prioritizes efforts to minimize energy consumption and maximize the use of renewable energy sources.

Action Plan:

Identify energy wastage and leakage points, establishing targets for significant energy savings through appropriate modifications and best practices adoption.

Replace fluorescent lights with LED lighting across existing buildings .

Increase utilization of renewable energy sources, such as installing solar panels on rooftops and other suitable areas.

(b) Water Management Plan for Optimum Water Usage

The institution commits to adopting a sustainable watermanagement plan to minimize waterwastage and promote the recycling and reuse of wastewater on campus.

Action Plan:

Potable Water Reduction:

Implement efficient monitoring systems and utilize water-efficient fixtures to reduce potable water consumption. Restrict the use of potable water for other purposes.

Rainwater Harvesting:

Install rainwater harvesting units at strategic locations across the campus to collect and store rainwater for various purposes.

Sustainable Gardening Practices:

Implement sustainable gardening practices to conserve water and promote the health of campus greenery.

C) Reduction of Carbon Footprints

The institution is committed to reducing carbon footprints resulting from its activities through initiatives such as plantation drives and the adoption of cleaner and eco-friendly methods.

Action Plan:

Carbon Footprint Calculation:

Develop a methodology to accurately calculate the carbon footprints of the entire institute, including monitoring and improving the calculation process over time.

Tree Plantation Drives:

Initiate tree plantation drives both on and off-campus to mitigate carbon emissions and enhance environmental sustainability.

(D) Plastic-Free Campus and Sustainable Transportation

The institution is committed to creating a plastic-free campus environment and promoting sustainable transportation options among its staff and students.

Action Plan:

Single-Use Plastic Ban:

Implement a comprehensive ban on the use of single-use plastic across the college premises. Launch awareness programs to educate staff, students, and surrounding communities about the harmful effects of single-use plastic and encourage them to adopt sustainable alternatives.

Promotion of Sustainable Transportation:

Encourage staff and students to use bicycles or utilize public transportation options for their daily commute.

Facilitate carpooling initiatives by providing designated carpooling areas and organizing carpooling schedules for routine transportation needs.

(E) Biodiversity Conservation, Plantation, and Campus Landscaping

The college is dedicated to preserving biodiversity and enhancing the natural beauty of its campus through strategic plantation and landscaping efforts.

Action Plan:

Start Environmental Stewardship Awards:

The institution can periodically announce Environmental Stewardship Awards to acknowledge outstanding achievements by staff and students in implementing waste management and eco-initiatives

within their community.

Sensitization, Awareness, and Capacity Building Programs:

Organize a diverse range of workshops, seminars, dialogues, talks, creative actions, and research programs to sensitize students, staff, and the surrounding community about global and local environmental issues. These initiatives aim to empower individuals with the knowledge and skills needed to contribute to a resilient future.

6. Policy Monitoring and Review:

The Oversight Committee:

- Will conduct annual evaluations to assess the effectiveness of the policy.
- Will provide discreet or micro-level data to faculty and departmental heads for further actions.
- This data will facilitate informed decision-making and ensure ongoing compliance with the policy's objectives.

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