

23. Green Environment Policy

Introduction:

A Green Environment Policy is the commitment to sustainability and environment management that the institute is prepared to make formal practices for stakeholders in managing environmental issues. A Green Policy defines the Institute's approach, to improve the environment and provides a framework for the developing green practices.

A Green Environment ensures health and hygiene to everybody. It is mandatory to create a Green Environment in an Educational Institution, to accommodate varied practices of teaching and learning and ensure its productive outcomes. This would involve eco-friendly practices to promote sustainable environment with greeneries in the campus.

The Government of India started green environment initiatives through Swachh Bharath mission to accelerate the efforts to achieve universal sanitation coverage and to put the focus on sanitation on 2nd October 2014.

The second phase of the mission aims to sustain the open defecation free status and improve the management of solid and liquid waste and also working to improve the lives of sanitation workers. The mission is aimed at progressing towards target 6.2 of the Sustainable Development Goals Number 6 established by the United Nations in 2015.

The institute, in compliance with the vision of Government of India, framed the green environment policy.

Scope of the Policy:

Energy and Environment Policies in Aditya Engineering College develop co-curricular and extracurricular practices that encourage students to take the lead in creating positive change. These initiatives call for a thorough review of all infrastructure and administrative functions from the stand point of energy efficiency, sustainability and the environment.

The focus areas of this policy are:

- Clean Campus Initiatives
- Landscaping Initiatives
- Clean Air Initiatives
- Infrastructure
 - ◆ Solar PowerPlant
 - ◆ Installation of Energy Efficiency Equipment
 - ◆ Water Conservation through Rainwater Harvesting System
- Waste Management processes
 - ◆ Solid Waste Management
 - ◆ Liquid Waste Management
 - ◆ E-Waste Management
- Environment awareness Initiatives
- Green Audit
- Energy Audit
- Plastic-Free Campus



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Objective of the Policy:

- To safeguard and conserve ecological systems and resources within the campus.
- To integrate environmental concerns into policies, plans and programs for social development.
- To work with all stakeholders and local community to create awareness and best practices for the protection of environment.
- To improve our contribution to climate change protection.
- To continuously improve the efficient use of all resources, including energy and water, and to reduce consumption and the amount of waste produced by recovering and recycling waste wherever possible.
- To ban single use plastic inside the campus.
- To conduct environment and energy audits time to time.
- To minimize the use of paper by adopting policy for E-governance.

Implementation:**Clean Campus Initiatives**

The institute has pledged to actively implement cleanliness activities in accordance with the guidelines of Swachh Bharat Abhiyan. The institute

- Sensitizes all stakeholders towards up-keeping the cleanliness.
- Encourages students and staff to take part in clean and green program.

Landscaping Initiatives

The campus landscape, its buildings, can be seen as the physical embodiment of institutions values. It is a vital part of the life of a campus, providing space for study, play, outdoor events, relaxation and aesthetic appreciation. Around 500 trees are spread across the campus to provide clean & cool air. The institute encourages

- Gardening of landscapes regularly to provide visual ambience.
- Effective utilization of water by adopting irrigation techniques such as sprinkler systems, drip irrigation and creation of recharge pits for proper runoff of water.

Clean Air Initiatives

The abundant landscape developed in the institute cleans the air naturally. Further, to maintain better air quality index the institute emphasizes:

- Students and staff to use public transportation.
- Restricted entry of automobiles inside the institute.
- Use of Battery powered vehicles to commute inside the institute.
- Prohibition of smoking and use of other tobacco products in the institute in compliance with the framework provided by the National Tobacco Control Programme (NTCP) 2007-2008.

Infrastructural Initiatives

The institute continuously places its effort to conserve energy resources and endeavors for alternative sources of energy. The institute believes in:

- Reducing the consumption of electricity produced by non-renewable resources by switching to clean energysourceslikesolarenergy.
- Installation of eco-friendly electrical appliances that save energy.
- Usage of power efficient equipment.

- Replenishment of the groundwater level by practicing rainwater harvesting.

Waste Management Processes

Institute strives to have a minimal impact on the environment and is dedicated to reduce and manage the waste generated at various sources. The following specific procedures are to be undertaken to ensure protection of the environment.

- Collection of solid waste from the colored dust bins placed in the institute including departments, administrative-office, canteens, hostels, and guest house by the institute's housekeeping team regularly.
- Segregation of whole waste and the biodegradable waste for vermicomposting.
- Disposal of paper waste from departments, libraries, administrative offices and hostels to external vendors.
- Watering the gardens and lawns in the institute by the recycled liquid waste.
- Channeling runoff water to recharge pits.
- Disposal of e-waste from electronic equipment to external vendor.

Quality Audits:

- The institute aims to regularly undertake audits to assess consumption and conservation of resources for long-term sustainability by conducting energy, green and environment audits every year.



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