

**Shri Tilok Jain Dnyan Prasarak Mandal's**

**Shri Anand College, Pathardi.**

District: Ahmednagar, Maharashtra, 414102.



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**Green Campus, Environment and Energy Usage**

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**Policy and Procedures**

## Policy on Green Campus, Environment & Energy Usage

### Introduction:

In recognition of our shared responsibility to nurture and protect our planet, Shri Anand College, Pathardi proudly presents this Green Campus, Environment and Energy Usage Policy. Guided by our commitment to sustainability, environmental stewardship, and the well-being of future generations, this policy outlines our strategic initiatives and principles to foster a campus that is not only academically vibrant but also ecologically responsible. As an institution of higher learning, we acknowledge the pivotal role we play in shaping the attitudes and behaviors of our students, faculty, staff, and the broader community. This policy serves as a compass, guiding us towards a greener and more sustainable future by integrating environmental consciousness into every facet of campus life.

Shri Anand College, Pathardi, is situated in a region characterized by limited rainfall due to its location in a rain shadow area. To address this challenge, we have embraced eco-friendly practices and integrated them into both our academic curriculum and extracurricular activities. This initiative is aimed at cultivating a green and environmentally conscious campus. By doing so, we aim to set a precedent for the institution to reshape its environmental ethos and pioneer innovative approaches that provide sustainable solutions to the interconnected environmental, social, and economic challenges facing humanity.

Our decision involves educating and raising awareness among students on critical issues, including renewable energy sources, waste management, and water conservation. Our Higher Education Institution (HEI) is actively engaged in the realms of energy, environment, and waste management. Together with stakeholders, we are dedicated to cultivating an eco-friendly and sustainable campus while promoting the fundamental principles of a green campus throughout our educational community.

## Objectives:

The primary objectives of this policy are:

- To reduce the environmental impact of Shri Anand College, Pathardi by promoting sustainable practices.
- To create awareness and foster a culture of environmental responsibility among students, staff, and stakeholders.
- To optimize energy usage and promote the use of renewable energy sources.
- To continually improve and update green practices in line with advancements in sustainable technologies.

Implementing a Green Campus, Environment & Energy Usage Policy requires a comprehensive strategy that involves various stakeholders and addresses key aspects of sustainability. Here are strategies for effective policy implementation:

## Strategies:

### **1. Stakeholder Engagement:**

Involve all relevant stakeholders, including students, faculty, staff, administrators, and local communities.

Establish green committee to facilitate collaboration and input from diverse perspectives.

### **2. Infrastructure and Technology:**

Invest in energy-efficient technologies, such as LED lighting, smart building systems, and renewable energy sources.

Upgrade campus infrastructure to support waste reduction and recycling programs.

Implement water-saving technologies and practices to optimize water usage.

### **3. Monitoring and Reporting:**

Establish a system for monitoring and measuring key sustainability metrics, such as energy consumption, waste generation, and water usage.

Implement regular audits to identify areas for improvement and track progress toward sustainability goals.

#### **4. Community Involvement:**

Foster partnerships with local environmental organizations, government agencies, to enhance the impact of sustainability initiatives.

Engage the local community in events and projects that promote environmental awareness and participation.

#### **Plan of Action:**

1. To develop eco-friendly campus by planting more trees.
2. To conserve the energy and use of renewable energy sources.
3. To use of available water efficiently
4. To manage the waste properly.

#### **Guidelines:**

The Higher Education Institution made a commitment to collaborate with stakeholders in cultivating a culture of self-sustainability and promoting an eco-friendly campus. Time-bound strategies have been devised to implement initiatives for a green campus. Initially, committees are formed, consisting of faculty members from different departments, in consultation with the Internal Quality Assurance Cell (IQAC). These committees are entrusted with the responsibility of establishing principles for maintaining a clean and environmentally conscious campus. The committees strategically plan and execute initiatives in the following manner:

1. Conduct a green, environmental, electrical and fire safety and energy audit of the campus periodically.
2. Celebration of "Vanmahostav" and plantation of different plant species at defined intervals with the help of stakeholders.
3. Sensitization of the stakeholders to minimize the use of polluting products and use proper environment-friendly substitutes and services.
4. Ingrain the importance of cleanliness for a healthy life through Swachh Bharat Abhiyan.
5. Use of energy efficient equipment"s at workplace.

6. Awareness about environmental issues by organizing Events, Rallies, Awareness Campaigns, Cleanliness Drives, Study Tours, Guest Lectures, poster competition etc.
7. Initiatives to implement the Clean and Green Campus Policy.

- **Environment and eco-friendly/green campus:**

- Increase of green cover in and around the campus by plantation.
- Construction of pedestrian friendly roads in the campus with help of paver blocks. Development of botanical garden having medicinal plants.

- **Energy Conservation**

- To use of energy efficient lamps (LED) where ever possible like corridors, toilets, store room, etc.
- To use of energy efficient equipment"s in laboratories/ classrooms.

- **Waste Management:**

- Adoption of methods for waste segregation at source in the form of dry and wet with help of dustbins.
- Use of vermicomposting units for disposal of organic waste and production of organic manure to fertilize the trees.
- Establishment of MoUs and agreements to manage, collect and dispose waste, e-waste, scrape, etc. appropriately.
- Actions taken for minimize the use of plastic by following 4 „R" principle viz., refuse, reduce, reuse and recycle.
- Adoption for paperless/less paper work culture and recycling/ reuse of paper in administration.

- **Water Management**

- Adopting following measures on campus to reduce water consumption
- Rain water harvesting.
- Use of STP to treat the domestic/laboratory effluent.
- Use of innovative methods of experimentation.
- Use of septic tanks and soak pits.
- Safe and Clean Potable Water using water purification systems
- Use of water efficient taps.

HEI practiced to display of instructions/alerts/ slogans at prominent locations in the campus for conservation of water, energy and waste management for sustainable development.

Date:

Place: Pathardi

