



# PURBASTHALI COLLEGE

ESTD: 2009

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## POLICY DOCUMENT ON ENVIRONMENT AND ENERGY USAGE

### Introduction:

Purbasthali College acknowledges its responsibility to minimize its environmental impact and promote sustainable practices in energy usage. This policy aims to outline the college's commitment to environmental sustainability and provide guidelines for reducing energy consumption across campus.

### Objectives:

- ❖ Reduce greenhouse gas emissions and carbon footprint.
- ❖ Conserve natural resources and minimize waste generation.
- ❖ Promote energy efficiency and renewable energy sources.
- ❖ Raise awareness and educate the college community about environmental conservation.
- ❖ Promotion of single-use plastic free zone.
- ❖ Promotion of smoking-free zone.

### Energy Conservation Measures:

- ❖ Implement energy-efficient lighting systems, such as LED bulbs and fixtures, across campus buildings.
- ❖ Encourage faculty, staff, and students to turn off lights, computers, and other electrical appliances when not in use.
- ❖ Conduct regular maintenance of equipment and infrastructure to ensure optimal energy performance.
- ❖ Utilize renewable energy sources, such as solar lights, where feasible and cost-effective.

### Waste and Resource Management:

- ❖ Implement waste reduction for paper, plastics, glass, and other such materials.

*B. Saha*  
Principal  
Purbasthali College  
Parulia, Purba Bardhaman.

- ❖ Encourage the use of reusable products, such as water bottles and coffee mugs, to minimize single-use plastic consumption.
- ❖ Promote sustainable transportation options, such as electric vehicle/ Toto, bicycle, and walking, to reduce carbon emissions from commuting.

#### **Education and Awareness:**

- ❖ Effective delivery of topics related to environmental sustainability and energy conservation methods.
- ❖ Organize workshops, seminars, and events to educate students, faculty, and staff about the importance of environmental conservation and energy efficiency.
- ❖ Facilitate extension and outreach programmes to create awareness about environmental conservation and sustainability.

#### **Measures for Promotion of Single-Use Plastic Free Zone:**


Purbasthali College is fully committed to promoting a single-use plastic-free environment within its premises. The objective of the college is to eliminate the use of single-use plastics such as bags, straws, utensils, bottles, and packaging, and to encourage the adoption of sustainable alternatives. Through a phased approach, this will be implemented to ensure that all employees, suppliers, customers, and visitors are educated about the environmental impact of single-use plastics and are equipped with the necessary resources to support this transition.

#### **Measures for Promotion of Smoking-Free Zone:**

To foster a healthy and smoke-free environment, Purbasthali College seeks to promote smoking-free zones across all premises. The goal is to create spaces that prioritize the well-being of the employees, students, and visitors by reducing exposure to secondhand smoke and encouraging healthier lifestyle choices. Through awareness campaigns, the college aims to educate and inform individuals about the benefits of smoke-free environments and the resources available for smoking cessation support.

#### **Measures for Water Conservation:**

In pursuit of water conservation, Purbasthali College has implemented measures focused on rainwater harvesting and soak pits. Through the installation of rainwater harvesting systems and soak pits, rainwater will be stored for various purposes, including irrigation and groundwater recharge. Awareness programmes will be organized for the conservation of water which will contribute to sustainable water management practices.

  
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### **Monitoring and Evaluation:**

Establish a **Green and Clean Campus Committee** to oversee the implementation of environmental initiatives and engage the college community in sustainability efforts.

### **Conclusion:**

Purbasthali College is committed to promoting environmental sustainability and reducing its carbon footprint through responsible energy usage and conservation practices. By implementing this policy, the college aims to promote environmental ethics and inspire positive change within the campus community and beyond.



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