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# Sarat Centenary College

Dhaniakhali, Hooghly

Founded: 1976

Recognised Under UGC 2F&12B

WB Govt. Aided

Affiliated to The University of Burdwan

## Action Taken Report on Environmental and Energy Usage Policy

Sarat Centenary College has made significant strides in aligning with its Environmental and Energy Usage Policy. This report details the actions taken based on the policy to date.

### 1. Protection of Biodiversity

- **Water Quality Monitoring:** The College has conducted regular monitoring of the water body's quality, ensuring that it meets the required environmental standards. We have established a schedule for water testing and have promptly addressed any issues related to water quality.
- **Native Species Protection:** Measures have been implemented to safeguard native species within and around the water body. The College has identified and protected key habitats for these species, and efforts to control invasive species have been actively pursued.

### 2. Habitat Preservation

- **Disturbance Minimization:** Activities around the water body have been carefully managed to minimize environmental disturbance. We have completed several landscaping and construction projects with a focus on preserving natural habitats and preventing soil erosion.
- **Sustainable Design:** New renovations have adhered to guidelines designed to protect and maintain natural habitats, demonstrating our commitment to habitat preservation.

### 3. Education and Awareness

- **Educational Programs:** We have conducted programs aimed at increasing awareness about local biodiversity and the ecological health of the water body. These programs have engaged both students and staff effectively.

### 4. Maintenance of Green Areas

- **Sustainable Landscaping:** The College has maintained its 70% green space through the adoption of sustainable landscaping practices. We have utilized



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native plants and organic fertilizers, contributing to the health of the green spaces.

- **Tree Planting Initiatives:** We have executed annual tree-planting initiatives, significantly enhancing the green cover on campus and contributing to improved air quality.

## 5. Green Space Utilization

- **Recreational Areas:** Green spaces have been actively used for recreational purposes, providing areas for relaxation and outdoor activities for the College community.
- **Community Engagement:** We have hosted community engagement activities in the green spaces, fostering environmental awareness and community wellbeing.

## 6. Herbal Garden Management

- **Sustainable Practices:** The herbal garden has been managed using organic gardening techniques and water-efficient methods. This approach has ensured the health and productivity of the garden.
- **Educational Integration:** The herbal garden has served as a living laboratory, where students have learned about herbal medicine, sustainable agriculture, and environmental science.

## 7. Energy Efficiency

- **Energy Audits:** Energy audits have been conducted to identify areas for improvement in energy efficiency. The results have been used to develop and implement effective energy-saving measures.
- **Energy-Efficient Infrastructure:** We have made substantial investments in energy-efficient infrastructure, including the installation of LED lighting and energy-efficient systems.

## 8. Renewable Energy

- **Renewable Energy Sources:** The College has explored and invested in renewable energy sources, including the installation of solar panels.



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## 9. Energy Conservation Practices

- **Energy Awareness:** Energy conservation practices have been promoted among students, staff, and faculty through workshops, campaigns, and informational materials. These efforts have raised awareness and encouraged participation in energy-saving initiatives.
- **Energy-Saving Measures:** We have encouraged and monitored energy-saving measures such as turning off lights and equipment when not in use and using energy-efficient appliances.
- **Energy Management Plan:** An Energy Management Plan has been developed, setting targets for energy consumption reduction and tracking progress towards these goals.

## 10. Waste Management

- **Waste Minimization:** Strategies for waste reduction, including reducing single-use plastics and promoting reusable materials, have been implemented.
- **Recycling Programs:** Recycling bins have been placed across the campus. Our recycling program includes the separation and recycling of paper, plastics, metals, and organic waste.

## 11. Policy Implementation and Review

- **Responsibility:** The Environmental Committee has overseen the implementation of this policy, with representatives from administration, faculty, staff, and students actively involved.
- **Action Plans:** Plans have been developed to achieve the policy goals, outlining timelines, responsibilities, and resource allocations.
- **Regular Review:** The policy has been reviewed periodically to assess its effectiveness and incorporate new best practices. Adjustments have been made as necessary to improve outcomes.

Sarat Centenary College has demonstrated a strong commitment to environmental sustainability and energy efficiency through the actions detailed in this report. By adhering to the policy and continuously striving to improve, the College aims to protect natural resources, enhance energy efficiency, and contribute positively to the quality of life for the entire community.



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