

NALBARI COMMERCE COLLEGE

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(Affiliated to Gauhati University)



Policy Documents on Environment and Energy Usage

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1. Policy Overview

Nalbari Commerce College is committed to ensuring the sustainable use of resources and minimizing its environmental impact. This policy outlines our approach to managing energy consumption and environmental sustainability across campus operations. The college aims to foster an environmentally responsible community through the adoption of energy-efficient practices, the reduction of waste, and the promotion of sustainability in all college activities.

2. Policy Objectives

1. To reduce energy consumption and promote energy efficiency across all college facilities.
2. To minimize the environmental footprint of the operations of the college, including waste, water use, and greenhouse gas emissions.
3. To foster a culture of sustainability through awareness, training, and student engagement.
4. To comply with local, regional, and national environmental regulations and standards.
5. To continually monitor and improve the environmental performance of the college.

3. Scope

This policy applies to all college stakeholders, including:

1. Students
2. Faculty and Staff
3. Campus Facilities and Operations
4. Contractors and Vendors

The policy covers energy consumption, waste management, water use, and other aspects of environmental sustainability related to campus operations and activities.

4. Energy Usage and Conservation

4.1 Energy Efficiency

- a. The college will make concerted efforts to reduce overall energy consumption by implementing energy-saving technologies and practices across all buildings and operations.
- b. All electrical appliances, such as lighting, computers, and HVAC systems, will be regularly maintained for optimal performance.
- c. Energy-efficient equipment will be purchased when replacing old or outdated systems, including energy-saving LED lighting, efficient HVAC systems, and energy-star-rated appliances.

4.2 Use of Renewable Energy

- a. The college will explore and invest in renewable energy sources, such as solar panels, wind energy, and other sustainable alternatives, where feasible, to reduce reliance on non-renewable energy sources.
- b. Solar energy will be incorporated into new building designs and retrofitted in existing structures as part of the long-term sustainability strategy.

4.3 Energy Monitoring

- a. The college will regularly monitor energy consumption across campus to track usage patterns and identify areas for improvement.

4.4 Behavioural Changes and Awareness

- a. Faculty, staff, and students will be encouraged to adopt energy-saving practices, such as turning off lights and electronic devices when not in use.
- b. Awareness campaigns and workshops on energy conservation will be organized to educate and engage the college community.

5. Environmental Sustainability Practices

5.1 Waste Management

- a. The college will implement a comprehensive waste management system, including waste segregation at source, recycling, and composting.
- b. Efforts will be made to reduce paper usage through digitalization of records and communications, where possible.
- c. The use of single-use plastics will be minimized, and reusable alternatives (e.g., metal bottles, and cloth bags) will be promoted.
- d. A campus-wide awareness program will be conducted to encourage responsible waste disposal and recycling.

5.2 Water Conservation

- a. The college will implement water-saving devices, such as low-flow faucets, water-efficient toilets, and rainwater harvesting systems.
- b. Awareness campaigns on water conservation will be organized to encourage the responsible use of water by students and staff.

5.3 Green Campus Initiatives

- a. Efforts will be made to enhance green spaces on campus, such as planting trees, maintaining gardens, and preserving natural habitats.

6. Sustainability in Curriculum and Research

- a. The college will integrate sustainability topics and energy management into the curriculum, fostering awareness among students about environmental issues and sustainable practices.

7. Compliance and Regulations

The college will comply with all relevant local, regional, and national laws, regulations, and policies relating to environmental protection and energy consumption. This includes:

- a. Local environmental laws and regulations
- b. Energy conservation guidelines set by national agencies
- c. Waste disposal and recycling guidelines
- d. Water conservation mandates

8. Roles and Responsibilities

8.1 College Administration

- a. Oversee the implementation of the policy and allocate necessary resources for sustainability projects.
- b. Ensure compliance with all relevant environmental laws and regulations.
- c. Review and assess the effectiveness of the policy annually.

8.2 Facilities and Maintenance Staff

- a. Implement and maintain energy-efficient systems and sustainable practices across campus buildings.
- b. Conduct regular maintenance on HVAC systems, electrical appliances, and other infrastructure to ensure optimal energy use.

8.3 Faculty and Staff

- a. Integrate environmental sustainability practices into academic and administrative functions.
- b. Serve as role models by adopting energy-saving and waste-reducing behaviours.

8.4 Students

- a. Participate in sustainability initiatives and engage in campus-wide environmental awareness campaigns.
- b. Adopt energy-efficient and waste-reducing behaviours both on and off-campus.

9. Monitoring, Reporting, and Review

- a. Regular audits will be conducted to assess energy usage, waste management, and water conservation efforts.
- b. An annual environmental report will be prepared, detailing the college's energy consumption, waste generation, and sustainability achievements.
- c. The policy will be reviewed annually and updated as needed to reflect changes in regulations, best practices, and technological advancements.

10. Implementation and Communication


- a. This policy will be communicated to all college stakeholders, including faculty, staff, and students, through orientation programs, emails, posters, and workshops.
- b. Specific actions and targets for reducing energy usage and environmental impact will be outlined in a strategic sustainability plan.

11. Conclusion

Nalbari Commerce College is dedicated to being a responsible and sustainable institution that actively reduces its environmental impact and promotes energy-efficient practices. By working together, all members of the college community can contribute to a more sustainable campus and a healthier environment for future generations.



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