

Energy Policy

Nikhil Banga Sikshan Mahavidyalaya



Policy Documents of Environment & Energy Usage

In order to reduce energy's negative environmental effects, Nikhil Banga Sikshan Mahavidyalaya, Bishnupur, Dist. Bankura, has adopted an environment and energy usage policy. The strategy suggests looking into renewable energy sources to lessen the load on the government and to identify alternative natural resources that can be used to address the energy crisis.

This environmental and energy policy applies to all stakeholders and is mandatory for all institutional components as well as the different activities the institution does. We will be better able to fulfill our commitment to the protection and responsible use of natural resources as a result of being able to incorporate efficiency and environmental awareness into our daily operations. To save energy and safeguard the environment, the Eco Club is an official platform that promotes environmental awareness, green initiatives, and green literacy programs.

The Framework

<p>Campus Planning</p> <ul style="list-style-type: none"> ➤ Promote Green Architecture ➤ Leverage Innovation & Sustainable Technology 	<p>Landscaping & Biodiversity</p> <ul style="list-style-type: none"> ➤ Plant Trees ➤ Preserve Old Trees ➤ Create Botanical garden ➤ Enhance Natural Biodiversity
<p>Energy Conservation</p> <ul style="list-style-type: none"> ➤ Improve energy efficiency ➤ Reduce Greenhouse Gas Emissions 	<p>Ware & Waste Management</p> <ul style="list-style-type: none"> ➤ Conserve water ➤ Reuse waste water ➤ Recycle waste paper ➤ Tie-up for e-waste

In order to help the institution achieve campus sustainability and, eventually, make it easier to reap rewards and advantages for the environment, society, and economy, this framework describes the procedures and regulations that will be put in place. The initiatives and procedures that make up the framework are as follows:

Campus planning

The college shall:

- Accord top priority to ensuring high standards of environmental quality in the campus



(Signature)
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and implement environment friendly policies, with barrier free access.

- A properly surveyed map that shows open, developed, and green areas as well as present and anticipated plantation plans for future growth should be used to build the master plan.
- Organize the campus so that most academic buildings are easily accessible by foot in order to create a walk able environment.
- Depending on space availability and weather, maintain healthy, open, and vegetated spaces.
- Preserve habitats of species of particular concern and preserve vegetated buffers as much as possible during campus construction.
- Build structures using a plan that has been authorized by professional architectural experts, incorporating as many windows as feasible to ensure adequate lighting and ventilation.
- It is imperative to adhere to all pertinent environmental laws and regulations and minimize any needless effects on the surrounding environment.

Landscaping and biodiversity

The college shall:

- Make certain that every construction on campus blends nicely with the surrounding natural setting.
- Preserve and improve the area's natural biodiversity while working to preserve locally threatened plant and animal species.
- Plant more trees and create vegetated buffers.
- Respect old trees and the habitat they provide for wildlife, including birds.
- Maintain a botanical garden.
- Have adequate support staff, who looks in to the maintenance of gardens, lawns and other aspects of environment.

Energy Conservation

The college shall:



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- Lower energy use and switch to energy-efficient equipment, together with clean and sustainable energy sources like solar, wind, and biogas, to help cut down on greenhouse gas emissions.
- Establish criteria for heating, ventilation, and air conditioning systems.
- Install energy efficient lights.
- Raise awareness among staff and students about the importance of conserving energy by turning off lights, fans, LCDs, and other devices when not in use.
- Establish a pollution-free atmosphere by placing dustbins for effective waste disposal and providing enough water (via a deep bore well) for the restrooms and other areas of the college building.
- Declare the campus as “**No Smoking Zone**” as per UGC guidelines.
- Maximize the use of recyclable and reusable materials.
- Create a digital repository of all official documents to save paper and upload the same on the internal server of the college for the convenience of the employees and other interested parties.
- Use digital banners, reuse one sided printed papers and adopt “think before you print” attitude.
- By distributing information and news via electronic and internet channels, fewer paper publications and documents will be needed. Reduce the amount and number of pages printed by printing on both sides of the paper when printing on recycled paper.
- Use obsolete documents in the composting process and purchase file covers made from recycled papers.
- Gift green souvenirs and use reusable food-ware to serve food during events.
- Establish an environment-specific unit that will plan and implement programs for maintaining and enhancing the environment. Along with organizing community outreach programs, the unit will educate and sensitize the general public about a range of environmental challenges.



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Waste and water management

The college shall:

- Assist all parties involved in minimizing personal waste production by following the waste management maxim "Reduce, Reuse, Recycle."
- Educate staff, students, and other campus organizations on the college's waste management policy so that everyone is aware of the waste management plan.
- Use on-site composting of food and garden waste for reuse on campus grounds.
- Organize waste into biodegradable and non-biodegradable categories and maintain trash cans in every location on campus, including the classrooms.
- Have an efficient and effective water distribution system in the campus.
- Capture and re-use rain water for non-potable uses.
- Promote a water self-sufficient campus.

As per this framework, the college bears the obligation of ensuring that periodic evaluations of all sustainability initiatives and measures are conducted to ensure that the measures are not only put into action but also closely observed. To monitor and sustain sustainability performance, a campus-wide audit of sustainability practices will be carried out.


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