



**Kazi Nazrul Islam Mahavidyalaya,  
Churulia, Paschim Bardhaman**

**Kazi Nazrul University**

**Policy on Environment,  
Energy And Green Campus**

## PREAMBLE

Kazi Nazrul Islam Mahavidyalaya is an Under-Graduate multi-disciplinary General Degree College affiliated to Kazi Nazrul University, Asansol and is located in the coal-belt region of West Bengal. It began its journey as a Govt.-Aided co-educational General Degree Arts College only on 1st June,1982. The establishment of the College reflected the long-standing aspirations of the people of the area for a College in the name of the rebel poet Kazi Nazrul who was born at Churulia. With time the College has been able to fulfill to a very large extent the desires and aspirations of the people of the area in facilitating quality higher education. This has been despite the fact that the remoteness of location of the College has proved to be major hindrance. Originally affiliated to The University of Burdwan (till July 2016), the College was affiliated to Kazi Nazrul University from the session 2016-17. The College has increasingly become an institution which believes in its abilities despite geographical, socio-economic and infrastructural odds.

We are conscious of our Fundamental Rights and Fundamental Duties as envisaged in the Constitution of India and we try to incorporate best practices at institutional levels to minimize the impact on environment and ensure resilience and sustainability. We are committed to fulfil the legitimate requirements of our present generation without compromising the ability of future generations to meet their own needs in line with Sustainable Development Goals (SDGs). The college strives to reconcile institutional activities with environmental conservation for a safe and secure future in the era of climate change.

## VISION

The College recognizes that in pursuing its strategic objectives, in relation to teaching and learning, it has a responsibility towards, and should aim to protect and nurture the environment. By exercising proper control over all its activities, the college will aim to ensure sustainable use of resources and prevent wasteful or damaging practices.

Kazi Nazrul Islam Mahavidyalaya will aim to manage its operations in ways that are environmentally sustainable, economically feasible and socially responsible i.e., making the College a Green Campus where environment friendly practices and education combine to promote sustainable and eco-friendly practices. The College is striving to develop on a self – sustainable basis in the areas of power, water and cleanliness. Therefore, this policy represents an important component of the College's broader sustainability strategy.

This document sets out the College's aims and objectives for safeguarding the environment, and details the organization and arrangements for implementing and monitoring them.

## **PURPOSE**

The Environmental and Energy Policies of the College is made to provide an overview of the College's vision to minimize the environmental impacts of its activities and operation and sustainable management of the available resources. The policy statement highlights how the college would pursue environmental best practices and inspire the sustainable use of resources at the community level within and outside college premise. It lays out the concepts, delineates priority areas, and methods for the college's environmental plans' implementation, management, and evaluation. Its goal is to reduce energy and raw materials consumption that could jeopardize the sustainability measures being taken at college level. This policy will communicate the College administration's goals and objectives to all stakeholders of the College, as well as aid in the creation of a better environment for future generations.

## **SCOPE**

Our College has tried to address the issue of sustainability as a part of curricular and extra-curricular activities. We welcome suggestions and promote exchange of ideas to make a more risk-averse, resilient and a sustainable society. We sincerely hope that Kazi Nazrul Islam Mahavidyalaya will take the lead in developing new frameworks for understanding the paradigm of sustainable development. We're excited to learn about new approaches that could help put the sustainability drive into action.

Kazi Nazrul Islam Mahavidyalaya, Churulia is guided by a band of dedicated faculty members and students who are passionate about the environment and have implemented various sustainable environmental initiatives in its campus. Various committees have been constituted to carry out and oversee these tasks. On the academic front the Department of Geography and the Department of Economics pool in their resources for teaching the compulsory course of Environmental Sciences at the under-graduate level. Apart from that, our college has also duly constituted a College Environment Committee to assess, manage and implement the best ecological practices in the College and to oversee and implement the Green Campus Policy in line with sustainable practices We also on an annual basis undertake a mandatory "Green Audit" as mentioned in the Criteria-7 of NAAC. The NSS Unit of the College plays a pivotal role in

coordinating with the College Environment Committee for implementing the Green Initiatives. Following are the initiatives that have been taken at the institution levels for promoting awareness among students of all the disciplines about the problems of climate change through academic as well as non-academic outreach activities which are exclusively monitored by the NSS Unit with the active guidance of the IQAC. We involve different stake- holders of our college in our activities for a broader outreach.

Kazi Nazrul Islam Mahavidyalaya wishes to pursue actively the following Green Initiatives under the following heads:

- Energy
- Water
- Waste (Solid waste, E-waste)
- Green Campus & Biodiversity

## ENERGY

1. Reduce energy consumption. In this context the College therefore has adopted the following Policies:
  - i. Activate power management features on your computer and monitor so that it will go into a low power “sleep” mode when you are not working on it;
  - ii. Turn off your monitor when you leave your Table;
  - iii. Turn off unnecessary lights and use daylight instead;
  - iv. Use LED or compact fluorescent bulbs as much as possible;
  - v. Switch off lights, fans in conference rooms, classrooms, lecture halls when they are not in use;
  - vi. Implement solar system to cut down the heavy usage of electricity;
  - vii. In hostels install the ovens with non conventional energy resources;

## WATER

Minimize consumption of water. In this context, Kazi Nazrul Islam Mahavidyalaya has adopted the following policies:

- i. Repair sources of water leakage, such as dripping taps and showers as quickly as possible.
- ii. Install appliances which reduce water consumption.
- iii. Encourage use of recycled rainwater and grey water to reduce mains water consumption.

- iv. Use an efficient and hygienic water storage mechanism is to minimize the loss of water during storage.
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## WASTE

Waste minimization is very important because it makes good business sense to protect the environment and boost environmental performance. Waste minimization techniques focus on preventing waste from ever being created, otherwise known as source reduction, and recycling.

Kazi Nazrul Islam Mahavidyalaya therefore commits to:

- i. Keep a stack of paper that has been printed on one side and use it for day to day rough paper work.
- ii. Use more readout material in soft form. Reduce the hard readout material. Use more of e-mail for officially communicating the information needed, online reading etc.
- iii. Minimize the use of fertilizers and pesticides in college grounds, opting for the use of compost produced on site wherever possible.
- iv. Reduce the practice of burning plastic and other materials that emit harmful gas on burning is prevented in the campus.
- v. Ensure that all cleaning products used by college staff have a minimal detrimental impact on the environment.
- vi. Use two types of bins separately for biodegradable and non-biodegradable wastes in the college campus.
- vii. Recycle electronics and batteries in e-waste recycling bins located around campus.
- viii. Re-evaluate. Do you really need that extra gadget? Try finding one device with multiple functions. This will reduce the generation of e-waste at source.
- ix. Dispose the chemical waste generated from the laboratories in a scientific manner.

### a. SOLID WASTE MANAGEMENT

The college will strive to limit waste creation in all possible ways, including reducing the procurement of new materials, reusing and recycling existing materials, and, if this is not possible, disposing of garbage in a manner that has the least environmental impact.

- i. The usage of plastic is prohibited on campus.
- ii. Waste containers/Dustbins are positioned where they are needed.

- iii. Composting of solid waste from the campus.
- iv. Hazardous and E-waste must be handled, transported, and disposed of properly.
- v. Supporting the digitization of attendance and internal assessment records reduces the consumption of paper.
- vi. Update the college library's e books and e journals collection to reduce the need for printed books.
- vii. Encourage students and teachers to utilize email to submit assignments.
- viii. Take steps to raise student knowledge about food waste and strategies for reducing it.
- ix. Minimizing the usage of packaged foods, as well as the habit of reusing and recycling non-biodegradable items

## **b. E-WASTE MANAGEMENT**

The college assures that its technological use and e-waste output have no negative influence on the environment. The college intends to work toward the following goals:

- i. More arrangements for the disposal of institutional e-waste.
- ii. Working with e-waste recycling firms to recycle electronic waste.
- iii. Awareness among students about e-waste reduction and environmentally responsible e-waste disposal techniques.
- iv. Encouraging e-waste management initiatives at the departmental and societal levels.

## **AIR QUALITY MANAGEMENT**

- i. Maintain good green cover to enhance CO<sub>2</sub> sequestration from campus.
- ii. No vehicle day in a month to be initiated.
- iii. To reduce dust, open places with lawn and grasses should be used.

## **REDUCE CARBON FOOTPRINTS**

- i. Encourage the implementation of many carbon-reduction measures.
- ii. Implementing the Reduce, Reuse, and Recycle (RRR) approach to achieve zero waste.
- iii. Green computing to cut down on paper usage.
- iv. On-campus “No Vehicle Day” and the use of electric vehicles.
- v. Use of energy-efficient lighting and equipment.
- vi. An increase in the amount of greenery on campus.

## CONDUCT GREEN AUDIT

The institution intends to undertake a Green Audit of our college campus on a regular basis to analyze our strengths and weaknesses in order to advance our long-term sustainability goals. A green audit can help you figure out how and where you're wasting the most energy, water, or resources. The college can then think about how to make improvements and save money. It can tell you what kind of garbage you have and how much of it you have. Waste minimization initiatives or recycling projects can be implemented. It will promote environmental principles and ethics while also raising health awareness. It helps students comprehend the implications of environmentally friendly behaviors on campus. Green auditing will help you save money by reducing your resource usage. It is critical that the college assess its own contributions to a long-term future.

## ACTION PLAN

1. Observance of important days such as ozone day, environment day, earth day, and so on.
2. Organize a pollution awareness campaign and take preventative actions.
3. Conduct frequent green/environmental audits and take corrective action as needed.
4. Ensure that clean campus practices such as correct waste disposal, e-waste campaigns among stakeholders, rain water harvesting, and monitoring judicious water usage are followed up on and updated on a regular basis.
5. Activities that promote recycling, reuse, repair, and refurbishment, among other things
6. Deliver an invited discussion (at the department/college level) on various policy updates and environmental studies.
7. Once every six months, do a review of the College's green/renewable energy projects and audit its maintenance records.