



Phone: 033-2441-1710

NABA BALLYGUNGE MAHAVIDYALAYA

(Formerly CHARUCHANDRA EVENING COLLEGE)

27E, Bosepukur Road, Kolkata - 700042

Email: nbmv2005@yahoo.co.in / info@nbmahavidyalaya.in, Website: nbmahavidyalaya.in

Ref. No.

Date

Policy document on the Green Campus, Energy Efficiency and Environment Conservation

Picture of NBM CAMPUS



Sl.No.	Particulars
1.	The Green Campus, Energy and Environment Policy

The Green Campus, Energy and Environment Policy of NabaBallygungeMahavidyalaya envisions a Clean and Green Campus where education, activities and environment friendly practices combine to promote environmental consciousness among students, teaching and non-teaching staff. The Green Campus, Energy and Environment Policy also works toward encouraging the students and faculty members to engage in environment oriented co-curricular and extracurricular programmes with the purpose of awakening a sense of personal commitment to the universal cause of protecting the environment. Being an urban campus with very little space, NabaBallygungeMahavidyalaya prioritizes beyond the campus initiatives to take the lead in raising awareness and fostering collective action towards environment conservation.



Shosh 10.05.2023

Principal

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Focus Areas for Green Campus Policy:

- Nature Club for Students
- Care and Maintenance of the College Garden
- Clean and Plastic-free Campus Initiatives
- Clean Air Initiatives
- Water Conservation
- Eco-friendly Infrastructure
- Installation of Solar Panels
- Use of Energy Efficient Equipment
- Waste Management Process
- Liquid Waste Management
- Solid Waste Management
- E-waste Management
- Environment Centric Awareness Activities
- Green Audit
- Energy Audit

Objectives of the Policy:

- To promote environmental consciousness among students and staff.
- To awaken a sense of personal commitment to the cause of protecting the environment.
- To reduce carbon footprint.
- To ensure efficient use of environmental sources to meet the needs of the present and future generations.
- To make the campus plastic free.
- To integrate environmental concerns into the co-curricular and extra-curricular activities.
- To conduct Green and Energy Audits.
- To organize social outreach programmes to raise community awareness and take on collective action towards environment conservation.



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Nature Club for Students:

To generate awareness and affinity towards nature, NabaBallygungeMahavidyalaya has introduced a nature club for the students. The club aims at educating the students of the institution about the current impacts that urbanization and industrialization have on environment and encouraging them to learn to conserve the natural resources to make the world a better place for upcoming generations. Due to various anthropogenic activities, the environment is undergoing irreparable damages that might have immense negative impact upon us. Hence, the primary objective of this club is to protect the ecosystem as much as possible and take small yet impactful steps to preserve our habitat. We believe that nature teaches life's lessons in its own subtle ways and it is absolutely imperative that the young people of our society act upon preserving a healthy environment and take steps to avoid environmental degradation in their individual as well as collective capacity.

Mission

The mission of the Nature Club of NabaBallygungeMahavidyalaya is to create awareness and interest amongst the students about sustainable living which is extremely important for the conservation of our ecosystem. It is primarily meant to be a student centric initiative where some of the teachers and non-teaching staff are voluntarily nominated as mentors.

Objectives

- To educate students about the importance of environmental conservation.
- To raise awareness about major issues which damage the ecological balance.
- To implement small scale projects which help to create interest towards sustainable living.
- To observe important days that mark as reminders of the utmost usefulness of conservation of nature.
- To educate the students to minimize the usage of plastics and other products which pose threat to the environment.
- To organize environment oriented seminars, road shows, quiz contests, film/ short-film/ documentary festivals, exhibitions, lecture demonstrations, workshops and awareness activities to raise awareness among students and also the society at large.
- To organize and participate outreach programmes and campaigns on environmental issues.



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Care and Maintenance of the College garden:



Naba Ballygunge Mahavidyalaya has a very small campus situated at a thoroughfare of the southern part of Kolkata. Unfortunately, being a relatively new institutional set up within a very congested urban space, the college has practically no scope of landscaping with trees and plants. We could only prepare a very small garden bed as a symbolic representation of urban-nature cohabitation. Very dear to our heart this garden bed is maintained and taken care of not only by a gardener but also our students. They regularly participate in watering, thinning, weeding and fertilizing the soil. Plants were also identified and monitored for pests. This is not only therapeutic for the students but they also learn to feel a deep emotional relation with the world of nature even amidst the concrete jungle. We also intend to create vertical gardens within the building area.



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Clean and Plastic-free Campus Initiatives:



Naba Ballygunge Mahavidyalaya is committed to maintain a clean, green and plastic-free campus. Apart from full time college housekeeping staff, the NSS units' members also undertake regular cleanliness drives in and around the campus. In view of the Government of India's resolution to ban all single use plastics due to the hazardous impact of plastic use and pollution, the college administration strictly bans the use of single use plastics in its premise to make it a 'Plastic Free Campus'. To discourage students from consuming packaged water and single use plastic bottles a water cooler cum purifier has also been installed.

Clean Air Initiatives:



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The students and staff of Naba Ballygunge Mahavidyalaya are encouraged to use public transportation with the objective of reducing emission. The locational advantage of the institution is particularly advantageous in this regard. A monthly no vehicle day is also to be introduced. In compliance with the framework provided by the National Tobacco Control Programme (NTCP) 2007-8, the college strictly prohibits smoking and the consumption of other tobacco products.

Water Conservation:

As mentioned above owing to lack of open space it seems impossible to develop the required infrastructure for rain water harvesting. But Naba Ballygunge Mahavidyalaya is deeply committed to promote water conservation and to minimize wastage of water. Leak proof water fixtures are maintained. Immediate measures are taken to stop any water leakage through taps, pipes, toilet flush, tank etc. Instructions on proper use of water and toilet habits are put up on all the washrooms.

Eco-friendly Infrastructure:



Grid connected PV Solar System for the campus:

- The college believes in reducing the consumption of electricity by utilizing grid connected PV Solar system with net metering. NBM has plans to install these panels on the rooftop of the college building.
- Installation of Energy efficient equipment
- College commits to install environment-friendly electrical appliances that save energy and reduce wastage of energy. Most of the tube lights and lamps are replaced by LEDs in classrooms and passages to minimize the energy consumption.
- Water Conservation through Rain Water Harvesting System



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In spite of the lack of open space the college has an honest intension a it is working toward a long term plan to replenish the groundwater table by practicing rainwater harvesting. This practice helps in the replenishment and recharge of the groundwater.

Waste Management Process

- Liquid waste management
- Maintain leak proof water fixtures.
- Continued employment of a caretaker to take immediate steps to stop any water leakage through taps, pipes, tanks, and toilet flush etc.
- Putting up instruction on proper toilet habits and behavior on all the washrooms.
- Solid waste management
- The college will adopt practices to mitigate the generation and manage solid waste through the following methods:
- Systematically engage with the 3Rs (Reduce, Reuse and Recycle) for eco -friendly environment.
- Collect paper waste in campus and sent for recycling
- Take initiatives to spread awareness among students about:
- Food wastage and ways of minimizing it
- Minimizing the use of packaged food
- Use of degradable waste for composting purpose.
- E-waste management
- College ensures that its usage of technology and generation of e-waste does not impact the environment. For this purpose, the college plans to do the following:
- Raising awareness amongst students about reduction of e-waste and making provisions for environment friendly disposal
- Managing e-waste by external agencies for recycling purposes.



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Environment Centric Awareness Activities:



Naba Ballygunge Mahavidyalaya is sincerely committed to raise awareness regarding environmental issues and the absolute necessity of conserving the environment and protect the ecological balance both within and beyond its campus. Students and staff are encouraged to organize and participate in various awareness campaigns, green and cleanliness drives, rallies, afforestation programmes, seminars, workshops and cultural events in and around the campus. The World Environment Day is compulsorily celebrated every year. The college has also developed a culture of presenting saplings to all the invited guests, speakers and resource persons in the various in-house and collaborative programmes.

Green Audit:

The college aims to conduct a Green Audit to assess strengths and weaknesses for long- term sustainability. A green audit is a useful tool to determine how and where most energy or water resources are being used. The college can then consider how to implement changes and make savings. It can determine the type and volume of waste. Green auditing will promote financial savings through reduction in the use of resources. It is imperative that the college evaluate its own contributions toward a sustainable future.

Energy Audit:

NBM intends to carry out an Energy Audit to reduce carbon foot print. The energy audit, with its specialized tools will identify wastage of energy. Such an inspection often reveals several different flaws which cause a loss of significant amounts of energy which the college will not be able to detect. These flaws often have easy and affordable solutions and provide significant savings.



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