

Green Campus Policy

Introduction:

NBS believes that nature is a long and enduring one and should be preserved. Hence all our students and staff are being made aware of the importance of maintaining a green campus. The management has consciously chosen to preserve and protect the flora and fauna of the community by planting trees which has been uprooted during the construction of the college. The entire campus has a lush green campus with playgrounds, lawns and gardens. A huge area is left in its natural form as “Kuttivanam” and acts as a natural habitat for biodiversity and a large variety of species of grasses, herbs, shrubs and trees and insects live there. We have also created a herbal garden to augment the efforts of naturopathic medicines.

Scope of the Policy:

The Green Campus, Energy and Environment Policies are designed to develop exciting new co-curricular and extracurricular practices that encourage students to take the lead in creating a positive change. These initiatives are reviewed during all infrastructural development and will stand out in our effort to bring in energy efficiency, and creating a sustainable environment.

The focus areas of this policy are:

1. Clean Campus Initiatives
2. Landscaping Initiatives
3. Clean air initiatives
4. Smoking Free Campus
5. Green Infrastructure development
6. Water Conservation through Rainwater Harvesting System
7. Waste Management processes
 - Solid Waste Management
 - Liquid Waste Management
 - E-Waste Management
8. College Activities
9. Green & Energy Audit
10. Aatmanirbhar Bharat Abhiyan

Objectives of the Policy:

- ✓ To protect and conserve ecological resources inside the campus.
- ✓ To use environmental resources judiciously so that it meets our needs for the future generations.
- ✓ To integrate environmental concerns in our outreach activities.
- ✓ To work with all stakeholders and the local community on raising awareness good environment practices there by reducing adverse effects to the environment.

- ✓ To continuously improve our contribution towards reducing carbon footprint, climate change and conserving natural resources.
- ✓ To continuously monitor and improve efficiency on the use of all resources, including energy and water, and to reduce consumption and the amount of waste produced, by recovering and recycling waste where possible.
- ✓ To create a plastic free campus.
- ✓ To conduct environmental and energy audits from time to time.
- ✓ To minimize the use of paper in administration through having policy for E-governance.

1. Clean Campus Initiatives:

NBS has implemented the cleanliness activities in the college and beyond the campus in accordance with the vision of Swachh Bharat Abhiyan. It continues to implement this program through:

1. Creating awareness on cleanliness and hygiene amongst students and staff members by holding cleanliness drives in the campus.
2. ‘Swachh Bharat Abhiyan’ to be implemented every year where students will volunteer with the housekeeping and maintenance staff and work towards cleanliness in the campus.
3. All staff Members are encouraged to participate in the cleanliness drive as well as observe the Environment as well as Energy conservation policy of the college.
4. Events such as poster and slogan competitions, essay writing, spoken word poetry, speeches, are to be organized in the campus along with mygov.in.
5. Rallies on themes connected with ‘Swachh Bharat Abhiyan’ to create mass awareness.
6. Distribution of cloth bags in the community thereby preventing plastic bag usage.
7. All waste material like broken furniture, unusable equipment etc. to be segregated and store separate and sent for recycling by authorized agencies.
8. Administer of the pledge by students and staff members to maintain cleanliness of the college campus and its surrounding areas on an annual basis.
9. Reduce the use of paper and other materials during

2. Landscaping Initiatives

The NBS campus landscape, and its buildings, represents the values for which we stand. Green is a vital part of the life of the campus. Our lawns are beautifully crafted to provide space for study, games, outdoor events, and for relaxation. Our Green campus landscapes also recharge our groundwater, and maintain a clean and cool the air on campus. The landscape is beautifully maintained and seen as a visual representation of the community’s commitment to sustainability. Our landscaping has also been a great motivating factor to the community that visit our campus and contributes to building awareness around the environment.

There are more than 850 trees which are named and audited with a wide variety of shrubs on campus. The landscape of trees and plants provide clean and cool air and in our campus environment.

The diverse green cover of NBS is also home to a number of animals and birds apart from a wide variety of birds and other pets which contribute to the biodiversity. The college is committed to habitat and maintains a relationship with nature through:

- ✓ Observing world environment day
- ✓ Observing world water day
- ✓ Conducting seminars on bio diversity

3. Clean Air Initiatives

Our students and staff are encouraged to use public transportation. We provide bus services to students and faculty members as well as encourage carpooling by our staff to reduce air pollution. The entry of automobiles inside the campus is restricted and students and faculty members who have passes are allowed to take their vehicles inside and part in designated parking areas. We also maintain pedestrian walkways to maintain our green cover. Our natural landscape not only cleans the air on campus, but also becomes an extension to the NH544 highway which has a large number of vehicles plying to and from the city.

4. Smoking Free Campus

In compliance with the framework provided by the National Tobacco Control Programme (NTCP) 2007-2008, the college prohibits smoking and the use of other tobacco products. As per the provision's Section 6 (a) and (b) of COTPA act tobacco products cannot be sold to the person below the age of 18 years, and in places within 100 yards radius from the outer boundary of an institution of education, which includes school colleges and institutions of higher learning established or recognized by an appropriate authority. As a step in this direction, smoking and use of tobacco in and around the campus is strictly prohibited. The anti- smoking committee of the college ensures enforcement of the anti- smoking policy.

5. Green Infrastructural Development:

- **Renewable Sources of Energy**
 - NBS is dedicated to minimize and sustainably manage its use of electricity. The college believes in reducing the consumption of electricity through awareness programs and also through non-renewable resources by switching to solar energy. NBS has installed a solar power of 50 KW for purposes like lighting the campus.
- **Energy Saving and Energy Efficient Equipment**
 - NBS uses mostly energy star certified environment-friendly electrical appliances that have reduce the use of energy and reduce wasteful inefficiencies. The college believes in using cleaner energy such as LED lighting.

6. Water Conservation through Rainwater Harvesting System

As an institution NBS has committed itself to this effort to replenish the groundwater by practicing rainwater harvesting. We have rainwater harvesting equipment's kept in several locations in the campus to replenish and recharge of the groundwater.

7. Waste Management Processes:

NBS strives to have a minimal impact on the environment and is dedicated to reduce and manage the waste generated by the college campus. The following specific procedures are undertaken to ensure that waste management processes are effective:

➤ **Solid Waste Management**

- ✓ Student and faculty engagement with the 3R's of environment friendliness (Reduce, Reuse and Recycle).
- ✓ Paper waste produced on is given for recycling.
- ✓ Technology based teaching and administration for reducing the use of paper
- ✓ Using college management software for collecting assignments, replace paper based books with e-books and e-journals collection of the college library.
- ✓ Take initiatives to spread awareness on food wastage
- ✓ Minimizing the use of packaged food

➤ **Liquid Waste Management**

- ✓ Maintain leak proof water taps
- ✓ Minimize the use of water by having Water-Efficient & Sustainable Toilets
- ✓ Having plumbers in campus to stop any water leakage through taps, pipes, tanks, toilet flush etc.
- ✓ Reuse of wastewater in washrooms and bunds for landscaping.

➤ **E-Waste Management**

- ✓ Recycling of e-waste
- ✓ Segregation of e-waste and arrangement with e-waste recycling companies to get electronic waste recycled.
- ✓ Awareness amongst students about reduction of e-waste
- ✓ Encouraging department and society level activities pertaining to e- waste management.

8. College Activities:

NBS has Outreach supports and encourages awareness campaigns, seminars, workshops, conferences and other interactive sessions to facilitate effective implementation of the Green Campus, Energy and Environment policies. Hastham is one such program through which all students are trained in a community setting that will bring about positive environmental changes at the grassroots level. The college support towards sustainability and eco-friendly practices have percolated down to the students which have led more and more students to join in our green practices. Our initiatives have aided the green initiatives and practices to grow exponentially.

9. Green and Energy Audit:

Green audit:

The college conducts Green Audit to identify the strengths and weaknesses to further our goals of long-term sustainability. Recommendations of the green audit are implemented to changes in our approach towards improving our recycling and waste minimization plans. Green auditing also promotes financial savings through reduction of resource use.

Energy Audit:

Energy Audit is to be conducted every year to further reduce the carbon footprint. The energy audit, inspection reveals several different flaws which cause a loss of significant amounts of energy which the college will not be able to detect otherwise. These flaws provide pointers for easy and affordable solutions and provide significant savings.

10. Aatmanirbhar Bharat Abhiyan:

“Atmanirbhar Bharat”, which means 'Self-Reliant India' or 'Self-Sufficient India', is the vision of making India "a bigger and vital part of the global economy", pursuing environment-friendly policies that are self-generating. In view of this we have created gardens for fruits and vegetables which provides our requirement for our staff and students canteen. Our ponds have fishes which feeds on vegetable wastes produced in our campus. Our Solar energy contributes to a part of our energy requirements. Our pets feed on canteen wastes while also contributes to the triple bottom of sustainability. Our campuses thrives on each other to make it sustainable and contributes to the vision of Atmanirbhar Bharat.



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