



NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and affiliated to Aryabhata Knowledge University
Amhara, Bihta, Patna

Policy Document

on

Environment and Energy Usage

SEALED AND SIGNED

J. S. B. L.
22/01/24

Director

Netaji Subhas Institute of Technology
Amhara, Bihta, Patna, Bihar.
PIN-801106

Netaji Subhas Institute of Technology is taking a proactive approach to energy management and environmental sustainability. By adopting a systematic energy usage policy and identifying alternative natural renewable energy resources like solar power, the Institute is not only reducing its impact on the environment but also working towards minimizing costs and contributing to solving the impending energy crisis.

Solar energy, as a clean and renewable source of electricity, has proven to be an effective way to reduce electricity bills. By harnessing the power of the sun, the Institute can generate electricity without relying on non-renewable resources that often come with high costs and environmental consequences.

Additionally, the Institute efforts to use power-saving equipment, such as LED lighting and energy-efficient electronic appliances, further contribute to energy conservation. Such initiatives not only save electricity but also reduce the overall carbon footprint of the campus. By committing to using environment-friendly electrical appliances and implementing energy-saving practices, Institute sets an excellent example for other educational institutions and organizations to follow. The positive impact of these efforts not only benefits the college itself but also contributes to the larger goal of sustainable development and environmental preservation.

POLICIES:

1. To install energy efficient energy lights LED's in entire campus, to lower energy consumption, decrease maintenance costs and to save the energy and expenses.
2. To prioritize the use of energy-efficient equipment over conventional ones, further reducing energy consumption and promoting sustainable practices.
3. To conduct regular energy audits and follow the instructions and advices given by auditing agency.
4. To combat air pollution, the Institute encourages the use of bicycles, public transportation, and pedestrian-friendly roadways. The entry of automobiles into the campus is restricted to promote cleaner transportation options.
5. To take continuous initiatives to further decrease energy usage, ensuring a sustained commitment to energy efficiency.
6. Providing information and guidance to employees and students on energy conservation measures, encouraging their participation in environmental protection efforts.
7. The Institute actively works with local organizations, including government agencies, the Municipal Corporation, and the affiliated university, to collaborate on energy efficiency and environmental protection initiatives.
8. Maximizing the use of daylight and turning off unnecessary lights to conserve energy.
9. Providing information and guidance to employees and students on energy conservation measures, encouraging their participation in environmental protection efforts.

POLICIES FOR ENVIRONMENTAL AND GREEN CAMPUS INITIATIVES

Netaji Subhas Institute of Technology located at Amahara, Bihta Patna near IIT Patna, was established in the year 2008 under the leadership of Hon. Mr. M.M. Singh, the President of the institution. The college aims to cater to the educational needs of the local community.

The Institute boasts a well-developed infrastructure that includes classrooms, laboratories, staff rooms, an administrative office, a playground, a garden, and a canteen. This infrastructure provides a conducive environment for students to pursue their academic and extracurricular activities effectively.

In line with a commitment to environmental sustainability, the institute has undertaken various green campus initiatives. These initiatives include tree plantation, plogathon, green landscaping, restricted entry to automobiles, plastic free campus, environmental awareness activities, water conservation and sustainable energy resources.

By implementing these green campus initiatives, the Institute is taking a proactive approach to environmental responsibility and encouraging students and the community to be conscious of their ecological impact. Such initiatives not only create a more sustainable campus environment but also instill a sense of environmental consciousness among students, making them responsible citizens who can contribute positively to the society and the planet at large.

SCOPE OF POLICY

The scope of the Green Campus, Energy and Environment Policies appears to be focused on promoting sustainability, environmental consciousness, and energy efficiency within the campus of the Institute. The policy aims to encourage students to take part in creating positive change through innovative practices that contribute to a greener and more eco-friendly campus environment.

OBJECTIVE OF GREEN POLICY PROGRAME:

- To promote and support initiatives that contributes to the conservation and preservation of the environment within the campus premises.
- To foster a culture of sustainability by implementing practices that reduces the institution's ecological footprint and promotes resource efficiency.
- To actively involve students in green initiatives and encourage their participation in creating positive environmental change.
- To enhance biodiversity on campus by planting trees, creating green spaces, and supporting wildlife-friendly practices.
- To implement measures that improve energy efficiency, reduce energy consumption, and explore renewable energy sources.

- To promote water conservation practices and efficient water usage throughout the campus.
- To reduce single-use plastic consumption and promote alternatives to plastic on the campus.
- By setting clear objectives, the Green Campus Program can guide its activities and measure its progress in creating a more environmentally responsible and sustainable educational institution.

THE FOCUSED AREAS OF THE POLICY ARE:

- Clean campus initiatives to promote cleanliness, sustainability, and environmental responsibility within their campus grounds.
- Restricted entry of automobiles in Institute campus to reduce air pollution
- Pedestrian –friendly pathways
- Ban on the use of plastics to reduce pollution through plastic.
- Availability of sufficient dustbins for collection of different types of garbage.
- Organization of campus cleaning activities and programs.
- Environment promotional activities and programs to engage students in various awareness campaigns.
- Landscaping with trees and plants to support biodiversity and air quality improvement. .
- Water conservation system.
- Solid waste management processes.
- E-waste management.
- Green Audit

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