



The Green Campus, Energy and Environment Policy
LANKA MAHAVIDYALAYA: LANKA: HOJAI: ASSAM

Context

The Lanka Mahavidyalaya, Lanka, Hojai, Assam was established in the year 1979, situated in the bank of a big pond of area about 8 Acres of Land and total area of the campus is about 17 Acres.

The campus situated in a calm village area, with Paddy field in East, and other sides are residential area with two schools in the south. Though the college situated near by N.H.-54 (East-West Corridor), yet the campus is free from Highway noises due to its location.

The campus can be categorized as Administrative Block, Library & Commerce Building Block, Girls' Hostel, Indoor Stadium, playgrounds, and Garden. A huge area is left in its natural form on the east bank of the Pond and acts as a natural habitat for biodiversity and a large variety of species of trees, herbs etc. are available there, which is termed as Eco-Garden of the institution.

Since long, pisciculture is in practice in the large pond, which magnifies the beauty of the campus.

Scope of the Policy

The Green Campus, Energy and Environment Policies will develop exciting newco-curricular and extracurricular practices that encourage students to take the lead in creating positive change. These initiatives call for a thorough review of all infrastructural, administrative functions from the standpoints of energy efficiency, sustainability and the environment.

The focus areas of this policy are:

- Green Campus Initiatives
- Clean Campus Initiatives
- Landscaping Initiatives
- Clean Air Initiatives
- Smoking Free Campus
- Noise free Campus

INFRASTRUCTURE



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- Solar Power Lights in the campus for night
- Installation of Energy Saving Equipment, viz. LED Bulbs
- Water Conservation in the Big Pond during rainy session through channelizing system of Rainwater
- To use solar power in large scale in future

→ Waste Management processes

- Solid Waste Management
- Liquid Waste Management
- E-Waste Management
- Awareness Initiatives for Solid and Plastic Waste management
- Environment-centric Student Societies and NSS Activities
- Green and Energy Audit

Objectives of the Policy

- To plant more trees every year within the campus to make the Campus Calm & Green day by day
- To conduct outreach plantation program in association with NGOs, Government Machineries
- To protect and conserve ecological systems and resources within the campus.
- To organize various environments related activities in its adopted villages.
- To work with all stakeholders and the local community to raise awareness and seek the adoption of environmental good practice and the reduction of any adverse effects on the environment.
- To continuously improve institutional contribution to climate protection and global warming.
- To make awareness to continuously develop the efficient use of all resources, including energy and water, and to reduce production of Solid and plastic waste.
- To minimize the use of plastics within the campus as far as possible



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- To conduct environmental and energy audits from time to time.
- To minimize the use of paper in administration through having policy for E-governance.

Policy:

Clean Campus Initiatives

Lanka Mahavidyalaya had pledged to actively coordinate cleanliness activities in the college and beyond the campus in accordance with the vision of Swachh Bharat Abhiyan. It commits to continue with this Programme. The broad vision is as follows:

1. Generating mass awareness on cleanliness and hygiene amongst students and staff members by holding regular cleanliness drives, plantation programs and awareness programs on special occasions, like World Environment Day, Gandhi Jayanti etc. The idea is to motivate the community to contribute in a positive manner.
2. NSS, Students' Association, IQAC and other relevant units will continue its activities under 'Swachh Bharat Abhiyan' to make the campus always clean.
3. Staff Members will be encouraged to participate in the cleanliness drive in the college campus.
4. Events such as poster and slogan competitions, essay writing, speeches etc. on Environmental issues and 'Swachh Bharat' will be organized from time to time.
5. Workshops on themes connected with Global Warming, Green House Gases and climate change in and around the college campus will be conducted to create mass awareness.
7. Administer of the pledge by students and staff members to maintain cleanliness of the college campus and its surrounding areas on an annual basis.
8. To take necessary steps for proper management of Solid, plastics and E-Waste.



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Landscaping Initiatives:

A beautiful Green campus landscapes also manage rain water flowing, help in maintaining ground water level, and clean and cool the air on campus. The landscape serves as a visual representation of the campus community's assurance to sustainability. As campus landscapes are so visible and accessible, landscaping initiatives are a great way to build awareness around the environment.

There are more than 34 varieties of trees and a large number of varieties of herbs available in the campus. The landscape of trees and plants on the bank of the big pond provides clean and cool air calming environment to the 2000+ students and staff.

The Green Campus of Lanka Mahavidyalaya is also a home to a number of animals, insects and rare & migratory birds; make the campus rich in biodiversity. The large college pond is also a home of variety of fishes and aquatic animals, which contribute to the biodiversity of the campus.

The college commits to enriching this healthy habitat and maintaining the symbiotic relation of the institution with nature by-

- Organizing special tree plantation drives
- Encouraging student societies to hold tree planting events

Clean Air Initiatives

Our campus is also located in the outskirts of the small town Lanka, in Hojai District of Assam. The Government of Assam allotted about 17 Acres of Land to the college on the bank of natural big pond and hence the college has a natural landscaping since its establishment.

The abundant natural landscape not only cleans the air on campus but also becomes a campus of attraction.



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• **Smoking Free Campus**

In compliance with the framework provided by the National Tobacco Control Programme (NTCP) 2007-2008 during 11th five year program, the college prohibits smoking and the use of other tobacco products within 200 meters of its radius. As a step in this direction, smoking and use of tobacco in and around the campus is strictly prohibited. The discipline maintenance committee of the college ensures enforcement of the anti- smoking policy.

Infrastructural Initiatives

○ **Alternative Sources of Energy**

The college believes in reducing the consumption of electricity and use of solar light to illuminate the campus at night.

○ **Energy Saving and Energy Efficient Equipment**

The Institute installs environment-friendly electrical appliances that save energy and reduce wasteful inefficiencies. The college believes in using low consumption energy system such as LED lighting.

○ **Water Conservation through Rainwater Harvesting System**

The institutes is practicing conservation of water during rainy session by collecting surplus rain water in its big pond through proper channeling and use the same during winter for plants and construction related works.

Waste Management Processes

Lanka Mahavidyalaya 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 will be undertaken to ensure JMC's contribution in protecting the environment.

◆ **Solid Waste Management**

- The institute has MoU with Lanka Municipality Board, which collect the Solid Waste and dispose of the same as per municipality regulations.



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- Reduce use of paper by supporting digitization of internal assessment records.
- Encourage students and teachers to use emails for assignment submissions
- To organize workshops for students to make awareness about Solid and Plastic Waste Management

◆ **Liquid Waste Management**

- To create awareness on proper utilization of drinking and Washroom water
- To keep notice to stop any water leakage through taps, pipes, tanks, toilet flush etc and to entrust the responsibility to a specially appointed employee.

◆ **E-Waste Management**

Lanka Mahavidyalaya ensures that its usage of technology and generation of e-waste does not impact the environment. For this purpose, the college plans to strive towards:

- To call tender for selling of old or damaged non-functioning electronics goods of the college for re-cycling of the same
- Awareness amongst students about reduction of e-waste and Environment friendly disposal practices for e-waste.

Awareness Initiatives

Outreach and education are of utmost importance so that all members of the campus community may value the objectives of the policy and aid in its implementation. So, Lanka Mahavidyalaya supports and encourages awareness campaigns, seminars/ Webinars, workshops and other interactive sessions to facilitate effective implementation of the Green Campus, Energy and Environment policies.

Environment-centric Student Societies and Department Activities

Lanka Mahavidyalaya encourages the students to choose Environmental Studies as their Ability Enhancement Courses / Value Added Courses. The IQAC, NSS and various departments organize events, competitions and training sessions that will bring about positive environmental changes at the grassroots level.



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Conduct Green Audit

The college aims to regular conduct of Green Audit of the college campus to assess institutional strengths and weaknesses to further our goals of long-term sustainability. A green audit is a useful tool to determine how and where major energy or water or resources are being used.

It provides a better understanding of the impact of eco- friendly practices on campus and assured the quality of Air, water and admissibility of sound, which have a tremendous impact on healthy educational environment. Green auditing will ensure financial savings through reduction of resource use.

Conduct Energy Audit

An Energy Audit to be conducted as and when required to further reduce its carbon footprint. The importance of reducing energy consumption cannot be overstated. The energy audit, with its specialized tools will identify wastage of energy.

Plastic-Free Campus

Lanka Mahavidyalaya has been giving special attention in terms of solid and plastic waste management since long. 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'. The Lanka Municipality Board (LMB) has provided Plastic Banks to Lanka Mahavidyalaya for collection of plastic wastes, which is collected by LMB for its management.

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