

# Murshidabad Adarsha Mahavidyalaya

Ph: 03481-236327

E-mail: mam236327@gmail.com

www.murshidabadadarshamahavidyalaya.in



Islampur  
Murshidabad  
Pin- 742304 (W.B.)

Memo No: MAM / /

Date: \_\_\_/\_\_\_/\_\_\_

## POLICY DOCUMENTS ON GREEN CAMPUS INITIATIVES Murshidabad Adarsha Mahavidyalaya

### Introduction:

A green campus initiative, taken by Murshidabad Adarsha Mahavidyalaya, is a program that plans, formulates, designs, and implements a package of sustainable solutions by the campus community to reduce the environmental impact, enhance the campus sustainability and to protect the health and wellbeing of the surrounding community and ecosystems. It is based on the principle of selfless cooperation and coordination, by involving all stakeholders, such as students, faculty, staff, administration and external partners.

A green campus initiative can benefit the campus in various ways, such as:

- Saving energy and water resources and reducing greenhouse gas emissions
- Improving waste management and recycling practices
- Enhancing biodiversity and ecosystem services
- Promoting health and well-being of the campus community
- Creating a culture of environmental awareness and responsibility
- Providing opportunities for learning, research and innovation on sustainability issues
- Strengthening the reputation and image of the campus as a socially responsible institution

### Objectives:

The main objectives of this policy document are to:

- Establish a vision and mission statement for the green campus initiative
- Define the roles and responsibilities of various stakeholders
- Identify the key areas of intervention and action plans
- Set up a monitoring and evaluation system
- Provide a budget and resource mobilization strategy

### Vision and Mission:

The vision of the green campus initiative is to: transform our campus into a model of sustainability that inspires and empowers our community to take action for a better future.

The mission of the green campus initiative is to: implement sustainable solutions across all aspects of campus operations, education, research, and outreach, by engaging all stakeholders in a collaborative and participatory process.

### Roles and Responsibilities:

The successful implementation of the green campus initiative requires the involvement and commitment of various stakeholders, who have different roles and responsibilities. The following table summarizes the main roles and responsibilities of each stakeholder group:

### Stakeholder Group Roles and Responsibilities:

*Indra Kumar Mishra*

Principal  
Murshidabad Adarsha Mahavidyalaya  
P.O.-Islampur, Dist.-Murshidabad  
West Bengal

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## Administration

- Provide leadership and support for the green campus initiative
- Allocate adequate budget and resources for sustainability projects
- Incorporate sustainability criteria in decision-making processes
- Establish policies and regulations that promote sustainability practices
- Recognize and reward outstanding contributions to sustainability

## Faculty

- Integrate sustainability concepts and principles into curricula and teaching methods
- Conduct research on sustainability issues and disseminate findings
- Mentor and guide students on sustainability projects
- Participate in sustainability committees and working groups
- Adopt sustainable practices in their offices and laboratories

## Students

- Initiate and lead sustainability clubs, campaigns and events
- Participate in sustainability courses, workshops and activities
- Implement sustainability projects on campus or in the community
- Monitor and report on sustainability performance indicators
- Adopt sustainable lifestyles and behaviour

## Staff

- Implement sustainability measures in their daily operations
- Provide technical expertise and support for sustainability projects
- Participate in sustainability training programs and awareness campaigns
- Suggest ideas and feedback for improving sustainability practices
- Adopt sustainable habits at work

## External Partners

- Collaborate with the campus on sustainability initiatives
- Share best practices and experiences on sustainability issues
- Provide funding or sponsorship for sustainability projects
- Offer internship or employment opportunities for students on sustainability fields
- Support advocacy or outreach efforts on sustainability topics

## Key Areas of Intervention:

The green campus initiative covers various aspects of campus life that have an impact on the environment, society or economy. The following are some of the key areas of intervention that will be addressed by this policy document:

### Energy:

The campus will strive to reduce its energy consumption and greenhouse gas emissions by implementing energy efficiency measures, using renewable energy sources, promoting behavioral change among users, conducting regular energy audits, setting energy targets and reporting energy performance. Some of the actions that will be taken under this area are:

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- Installing solar panels or other renewable energy systems on campus buildings or grounds
- Replacing incandescent bulbs with LED lights or other energy-efficient lighting options
- Installing smart meters or sensors to monitor and control energy usage
- Implementing demand-side management strategies such as peak load shifting or load shedding
- Educating and encouraging users to switch off or unplug appliances when not in use
- Creating an energy management team or committee to oversee and coordinate energyrelated activities

#### Water:

The campus will aim to conserve water resources and prevent water pollution by implementing water-saving measures, using rainwater harvesting or greywater recycling systems, promoting water-efficient landscaping, conducting regular water audits, setting water targets and reporting water performance. Some of the actions that will be taken under this area are:

- Installing low-flow faucets, showerheads, toilets or other water-efficient fixtures
- Installing rain barrels or cisterns to collect and store rainwater for irrigation or other purposes
- Installing drip irrigation or xeriscaping systems to reduce water use for landscaping
- Implementing wastewater treatment or reuse systems to reduce water discharge or contamination
- Educating and encouraging users to reduce water consumption and avoid wastage
- Creating a water management team or committee to oversee and coordinate waterrelated activities

#### Waste:

The campus will aim to minimize waste generation and maximize waste diversion by implementing waste reduction measures, using composting or biodegradable materials, promoting reuse or recycling practices, conducting regular waste audits, setting waste targets and reporting waste performance. Some of the actions that will be taken under this area are:

- Implementing a campus-wide waste segregation system to separate organic, recyclable and non-recyclable waste
- Installing compost bins or vermiculture systems to convert organic waste into fertilizer
- Installing recycling bins or collection points for paper, plastic, metal, glass or other recyclable materials
- Implementing a green procurement policy to purchase products that are durable, reusable, recyclable or biodegradable
- Educating and encouraging users to reduce waste production and dispose of waste properly
- Creating a waste management team or committee to oversee and coordinate wasterelated activities

#### Biodiversity:

The campus will aim to protect and enhance biodiversity and ecosystem services by implementing biodiversity conservation measures, using native or adaptive plants, promoting wildlife-friendly landscaping, conducting regular biodiversity surveys, setting biodiversity targets and reporting biodiversity performance. Some of the actions that will be taken under this area are:

- Planting native or adaptive trees, shrubs, flowers or grasses on campus grounds or gardens
- Installing bird feeders, nest boxes, bat boxes or other wildlife habitats on campus buildings or trees
- Implementing a pest management policy that avoids the use of harmful pesticides or herbicides

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- Educating and encouraging users to appreciate and respect biodiversity and ecosystem services
- Creating a biodiversity management team or committee to oversee and coordinate biodiversity-related activities

#### Health and Well-being:

The campus will aim to improve the health and well-being of the campus community by implementing health promotion measures, using green or healthy materials, promoting physical activity or mental health, conducting regular health surveys, setting health targets and reporting health performance. Some of the actions that will be taken under this area are:

- Implementing a smoke-free policy or designated smoking areas on campus.
- Implementing a green cleaning policy that uses natural or non-toxic cleaning products.
- Implementing a green building policy that uses materials that are low in volatile organic compounds (VOCs) or other pollutants.
- Encourage cycling or walking on campus.
- Providing gymnasiums, sports fields, yoga classes or other opportunities for physical exercise on campus.
- Providing yoga classes for mental health on campus.
- Educating and encouraging users to adopt healthy lifestyles and behaviors.
- Creating a health management team or committee to oversee and coordinate healthrelated activities

#### Monitoring and Evaluation:

The campus will monitor and evaluate the progress and impact of the green campus initiative by using indicators, tools and methods that measure the environmental, social and economic performance of the campus. The monitoring and evaluation system will also provide feedback and recommendations for improvement. Some of the actions that will be taken under this area are:

- Developing a set of indicators that reflect the objectives and targets of the green campus initiative
- Collecting data on the indicators from various sources such as meters, sensors, surveys, reports or audits
- Analyzing the data using appropriate tools such as spreadsheets, graphs, charts or dashboards
- Reporting the results using various formats such as reports, newsletters, posters or presentations
- Communicating the results to various audiences such as administration, faculty, students, staff or external partners
- Reviewing the results and identifying strengths, weaknesses, opportunities or threats
- Recommending actions for improvement based on the results

#### Budget and Resource Mobilization:

The campus will allocate adequate budget and resources for the implementation of the green campus initiative. The budget and resources will be sourced from various channels such as internal funds, external grants, donations, sponsorships, or partnerships. The budget and resources will be managed in a transparent and accountable manner.

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