

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721425, WEST BENGAL, INDIA
NAAC Re-Accredited B-Level Govt. aided College
CPE (Under UGC XII Plan) & NCTE Approved Institutions
DBT Star College Scheme Award Recipient

E-mail: mugberia_college@rediffmail.com // www.mugberiagangadharmahavidyalaya.ac.in

Criteria: 7; Sub-criteria: 7.1.2



Sr.No.	Particulars
1	
	Policy document on the green campus /plastic free campus

Dr. Swapan Kumar Misra
Principal

Mugberia Gangadhar Mahavidyalaya

Principal

Mugberia Gangadhar Mahavidyala) ...



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A "green campus policy" in an institute typically refers to a set of guidelines, initiatives, and practices aimed at promoting environmental sustainability and reducing the institute's ecological footprint. Such policies can cover various aspects of campus operations, including energy use, waste management, water conservation, transportation, and green space management. Mugberia Gangadhar Mahavidyalayais conscious about environment conservation with its green campusinitiatives and maintains pollution free and clean campus. Here are some common components of a green campus policy:

- 1. Landscaping Initiatives with trees and plants
- 2. Clean campus Initiatives
- 3. Clean Air Initiatives
- 4. Infrastructure
- a) Grid connected PV Solar System for the campus
- b) Installation of Energy efficient equipment
- c) Water Conservation through Rain Water Harvesting System
- **5. Waste Management Processes**
- a) Liquid waste management
- b) Solid waste management
- c) E-waste management
- 6. Environment Centric Awareness Activities
- 7. Green Audit
- 8. Energy Audit

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Objectives of the Policy:

- To protect and conserve ecological systems and resources within the campus.
- To ensure efficient use of environmental sources to meet the needs and aspirations of the present and future generations.
- To integrate environmental concerns into policies, plans and programs for social development.
- To make the campus plastic free.
- To conduct Environmental and Energy audit.

1. Landscaping Initiatives with trees and plants

Implementing landscaping initiatives involving trees and plants on college campuses can have numerous benefits, ranging from environmental to aesthetic and even academic. Sustainable infra structure is a vital part of the college campus, providing space for study, play, outdoor events, relaxation and aesthetic appreciation. Green campus and landscape also help to create gardens with native plant species to support local biodiversity, organize tree planting events where students, faculty, and staff can participate. Trees not only enhance the campus beauty but also provide shade, improve air quality, and reduce carbon dioxide levels. There are number of trees, shrubs, medicinal plants on campus along with grass cover. Green cover of college is home for number of insects and bird species.

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2. Clean Campus Initiatives

Clean Campus Initiatives in colleges focus on promoting environmental sustainability, waste reduction, and overall cleanliness within the campus premises. These initiatives typically involve various strategies and programs aimed at reducing the environmental footprint of the campus while encouraging responsible behavior among students, faculty, and staff. In accordance to Swachh Bharat Abhiyan, College has committed to actively coordinate cleanliness activities in the college and beyond the campus. A gardener and full time adequate supporting staff are appointed for the maintenance of litter free clean and Green Campus. These initiatives include:

- Generating mass awareness on cleanliness and hygiene amongst students and staff members by holding regular cleanliness drives.
- Activities under 'Swachh Bharat Abhiyan' is a key component of all the community works being done by NSS
- Teaching faculties and staff members are encouraged to participate in the cleanliness drives.
- Commit to manage waste and maintain clean campus especially during college events.
- Conduct various Environment awareness days and tree plantation program

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3. Clean Air Initiatives

Implementing clean air initiatives in college campuses is crucial for promoting sustainability and improving the overall health and well-being of students, faculty, and staff. Here are several initiatives that colleges can undertake to improve air quality:

Transition to Renewable Energy: College invests in renewable energy sources such as solar to reduce reliance on fossil fuels and lower air pollution from power generation.

Green Transportation: Encouraging biking, walking, carpooling, and the use of electric vehicles can reduce emissions from transportation on campus.

4. Infrastructure

a) 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. These panels are installed on rooftop of the college building.

b) 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.

c) Water Conservation through Rain Water Harvesting System

College has committed to replenish the groundwater table by practicing rainwater harvesting. This practice helps in the replenishment and recharge of the groundwater. college has established surface water purifier for drinking purpose.

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5) Waste Management Processes

a) 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.
- By treating waste water generated in washrooms through Sewage Treatment Plant (STP).

b) 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 selling to reseller.
- Take initiatives to spread awareness among students about:
- 1. Food wastage and ways of minimizing it
- 2. Minimizing the use of packaged food
- 3. Use of degradable waste for composting purpose.

c) 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 strive towards:

- Awareness amongst students about reduction of e-waste and making provisions for environment friendly disposal
- E-waste is given to external agencies for recycling purposes.

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6) Environment Centric Awareness Activities

College encourages awareness programs, plantation program, Cleanliness drive in and beyond the campus, Celebration of Various Environmental days.

7) Plastic free 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'.

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8) 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.

9) Energy Audit

An Energy Audit is carried out 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.

Link to the policy documents of the institution:

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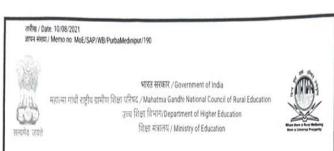
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Certification and Recognition by various Govt. and non-Govt. Agencies



District Green Champion Certificate

This is to certify that Mugberia Gangadhar Mahavidyalaya is hereby recognized as District Green Champion for Purba Medinipur District for the Academic Year 2020-21. The Institution has successfully set up the Swachhta Action Plan Committee, adopted and implemented best practices in the areas of Sanitation, Hygiene, Waste Management, Water Management, Energy Management and Greenery Management.

This certificate is given in the presence of Prof. (Dr.) Ashis Kumar Panigrahi, Pro-Vice-Chancellor, The University of Burdwan, West Bengal.

AUGUST 2021

Dr W G Prasanna Kumar Chairman MGNCRE, Ministry of Education Government of India





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Provisional Certificate C	H Recycling
This is to certify that the E-waste was	recieved from
Mugberia Gangadhar Mahavidyalaya	
weighing 242.6 Kgs during the period from 26.03.3	1019 to 27.03.2019
and will be disposed of as per environmental	ly friendly manner,
within 90 days from 22,002,009	15 50
6	

CERTIFICATE

This certificate is proudly presented to

MUGBERIA GANGADHAR MAHAVIDYALAYA for the ethical collection and channelization for recycling of 148.30 kgs of E-waste.

This document certifies that all materials/equipment have been channelized for recycling under standards set down in the E-waste (Management) Rules, 2016 and amendments thereafter.

Chief Executive Officer

Certificate No. - 1901/22-23/07055 Date - 27 - Aug - 2022





ZOOMBOOZ Dr. Swapan Kumar Misra Principal

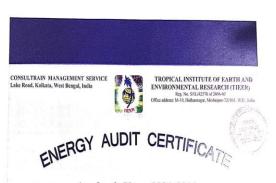
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Academic Year: 2021-2022

This is to certify that Mugberia Gangadhar Mahavidyalaya, Bhupati Nagar, Purba Medinipur, West Bengal has good and healthy eco-friendly environment created for saving Earth and Nature. Tropical Institute of Earth and Environmental Research associated with Consultrain Management Service are satisfied after successful completion of Energy Audit with moral support of Honorable Principal, IQAC Team, Staff and Students for academic year 2021-2022. This efforts taken by Faculty and Students towards environment and sustainable are highly appreciable and commendable.

Burnend (Dr. Binoy Kr. Chanda) President, TIEER President Tropical Institute of Earth

(Dr. Pranab Sahoo)
Asst. Professor &
Secretary, TIEER

(Mrs. Sanchita Bhattachariya)
ISO-Auditor& CEO, CMS
Auditor for

Amaran Kurgasho (Mr. Ananda Kr. Das) Expert & Member, TIEER CONSULTRAIN MANAGEMENT SERVICE Lake Rued, Kokuta, West Bengal, India



ENERGY AUDIT CERTIFICATE

Academic Year: 2022-2023

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(Dr. Binoy Kr. Chanda) President, TIEER Thomashay

(Dr. Pranab Sahoo) (Mrs. Sanchita Bhattachariya) Asar, Professor & 180-Auddroric CEO, CMS Secretary, TIEER. Anna kum Da

(Mr. Anunda Kr. Das) Expert & Member, TIEER

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Mugberia Gangadhar Mahavidyalaya

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