

Website - www.plasseycollege.ac.in Email Id - plasseycollege@gmail.com





(affiliated to the University of Kalyani)
Mira Bazar, P.O.-Plassey, Kaliganj Block, Dist.-Nadia, Pin-741156, West Bengal, India.

Ref. No	 Date



#### The Green Campus and Environmental Policy

The concept of Green Campus provides an institution with the opportunity to re-iterate its environmental culture through new paradigms and dimensions in order to create lasting solutions to the environmental, social, and economic needs of mankind. A Green Campus is a place where environmentally friendly practices and education systems jointly promote sustainable and ecofriendly ambience in the campus.

#### Scope of the Policy:

The initiatives and policies for the conservation of energy, environment and green campus activities will develop a positive attitude towards nature and will create challenge for protecting our resources amongst the prospective teachers. Being the future nation builders of society, the students and teachers are expected to disseminate the same to the young generations of the schools through various activities.

Principal
Plassey College
Mirabazar, P.O.-Plassey, Di-Nadia



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#### The focus areas of this policy are:

- Clean Campus Initiatives
- · Clean Air Initiatives
- · Infrastructure
- Solar Power Plant
- · Installation of Energy Efficiency Equipment
- Waste Management processes
- Solid Waste Management
- · Liquid Waste Management
- · E-Waste Management
- · Awareness Initiatives
- Environment-centric Student Societies and Department Activities
- Plastic-Free Campus

#### Objectives of the Policy:

- To make all stakeholders comprehend the importance of the environment and its problem areas.
- To create awareness among stakeholders to educate common people.
- To protect and conserve ecological systems and resources within and outside the campus.
- To work with the local community to enhance the environment protection practices and energy conservation strategies among the rural community.

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### PLASSEY COLLEGE

#### Estd.-2010



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#### Policy implementation:

#### ➤ Clean Campus Initiatives

Plassey College committed itself to actively coordinate cleanliness activities in the college and beyond the campus in accordance with the vision of 'Swachh Bharat Abhiyan' launched by PM Modi on 2<sup>nd</sup> October 2014. The NSS Unit of the College takes the leading role in actualizing this program. The broad vision is as follows:

- Creating awareness among the masses on cleanliness and hygiene amongst students and staff
  members by holding cleanliness drives at regular intervals. The idea is to motivate them to contribute in a
  proactive manner.
- Activities under 'Swachh Bharat Abhiyan' will be a key component of all the community work being done by NSS Unit of the college.
- Staff and Faculty will be encouraged to participate in the cleanliness drive on the college campus.
- Remove all kinds of waste material like broken furniture, unusable equipment etc.
- Administer of the pledge by students and staff members to maintain cleanliness of the college campus and its surrounding areas on an annual basis.
- Conduct workshops on the 3Rs: Reduce, Reusing and Recycling of waste.
- Commit to managing waste and maintaining clean campus, especially during college events.
- Annual tree plantation drive on World Environmental Day (5<sup>th</sup> June).

#### **Clean Water Initiatives**

In this context Plassey College therefore has adopted the following policies:

- Repair sources of water leakage, such as dripping taps as quickly as possible after notice.
- Install appliances which will reduce water consumption.
- Reuse the water coming out RO water purification systems for campus gardening.
- Use an efficient and hygienic water storage mechanism to minimize the loss of water during storage.
- To provide students and staffs of the college purified drinking water with RO Certification
- The rainwater which gets treated in treatment plant is used for cleaning toilets and flower garden.

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#### Infrastructure

#### Installation of Energy Efficiency Equipment

Plassey College is committed to maximize energy conservation procedures through various measures:

- Solar panels were installed on the rooftops of the college building to minimize the use of non-renewable sources of energy.
- · Directions to students for the proper utilization of electronic devices in the institution.
- · Old lighting system has been replaced with LED bulbs for the sake of energy conservation.
- Institution ensures all the electronic appliances are turned off when not in use. To preserve electricity the
  college has installed sensor lights at Principal's chamber and the teaching Staffroom on an experiment basis.
- The institution prioritizes the use of environmentally friendly and Bureau of Energy Efficiency (BEE) star rated instruments for moderate consumption of energy.
- · Installation of EV Charging point and mobile charging system.

#### Waste Management

Waste minimization is very important because it makes good business sense to protect the environment and boost environmental performance. Waste minimization techniques focus on preventing waste from ever being created, otherwise known as source reduction, and recycling. Plassey College therefore commits to:

- · Ensure e-governance to reduce the use of paper, inks, etc.
- Keep a stack of paper that has been printed on one side and use it for day-to-day rough paper work.
- · Use more readout material in soft form, reducing the hard print out materials.
- · Use more e-mail for officially communicating the information needed, online reading etc.
- Reduce the practice of burning plastic and other materials that emit harmful discharge on burning is
  prevented in the campus.
- Ensure that all cleaning products used by college staff have a minimal harmful impact on the environment.
- Use two types of bins separately for biodegradable and non-biodegradable waste in the college campus.

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#### Solid Waste Management

- Solid waste is scavenged regularly by a team of sweepers. A number of sweepers are appointed from
  the locality against daily wage payments every week to keep the campus clean. The college has
  signed an agreement with a sweeping organization for regular cleaning of washrooms of the college.
- Separate dustbins have been installed at different points of the campus to collect the solid waste. The
  waste is stored in two types. One is bio-degradable and the other one is nonbio-degradable. The nonbio-degradable items are sent to the village vat after couple of months. The bio-degradable items are
  collected in the compost pit of the college.
- The college campus has been declared as a 'plastic free zone' and this has reduced the use of plastic
  containers and bags on the campus.
- The issue of segregated vats has been successfully implemented. The Green Bin for collection of food waste. These are degradable wastes which are being used after composting at the composting pit.
- The non-degradable waste is collected in the Red Bin which is disposed through the waste management system.

#### **Liquid Waste Management**

As the college is situated in a rural area it does not have much opportunity to send the liquid wastes out of the college by drainage system. So liquid waste is sent to the soak pits from where the flower garden is watered. The rainwater of the ground surface is also deposited into the pit and used for watering the garden. The rainwater of the roof is also harvested in the pit. We have set up two rainwater units to harvest the rain water in such a way that we shall be able to recharge the same to the ground water level.

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#### E-Waste Management

The college has specified a room on the ground floor near the academic block for storing e-waste materials. The outdated computers, printers, UPS, monitors, scanners, mouse, blank cartridges, CDs etc are kept in that room. All the items kept in the room are recorded in a register.

#### **OAwareness 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. This is why Plassey College supports and encourages awareness campaigns, seminars, workshops, conferences, and other interactive sessions to facilitate the effective implementation of the Green Campus, Energy, and Environment policies.

#### OEnvironment-centric Student Societies and Department Activities

Plassey College encourages all the departments and specific student societies like NSS, and others to organize events, competitions, and training sessions that will bring about positive environmental changes at the grass root level. The college supports departments and students in inspiring the students into active agents of environmental protection and conservation.

#### **OPlastic-Free Campus**

Plassey College campus has been declared as a plastic free zone. Attempts have been made to make all the stakeholders understand about the importance of limiting plastic usage especially within the college campus. As a result of this, dustbins have been placed at different strategic locations to collect plastic items. In this way, we try to create awareness among our students and staff about the negative implications of plastic usage.

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#### Certified Copy of Governing Body Resolution

Meeting No. – PC/GB/03/2020 Date of Meeting: 04/02/2020 Meeting Place: Principal's Chamber Time of Meeting: 12.00 p. m.

The Members of the Governing Body:

- 1. Nasiruddin Ahmed (President)
- 2. Dr. Basant Kumar Pradhan (Principal & Secretary)
- 3. Sri. Probir Kumar Baidya (Teaching Representative)
- 4. Junazar Islam

(Teaching Representative)

5. Dr. Dola Sarkar

(Teaching Representative)

6. Sri. Prasenjit Saha (Non Teaching Representative)

Agenda No.3; Discussion regarding Plastic Free Zone at Plassey College.

#### Resolution Adopted

After minute discussion, Governing Body unanimously decides to make Plassey College a Plastic Free Zone and to make her environment friendly W.E.F 1<sup>st</sup> March 2020.

The Principal Dr. Basant Kumar Pradhan is requested to act accordingly.

SD/-

President of the Meeting

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