



GARGI EDUCATION INSTITUTE'S
GARGI AGRICULTURE RESEARCH AND TRAINING
INSTITUTE NASHIK.

7.1.5 Green Campus Initiatives

Various policy documents/ decisions circulated for implementation

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7.1.5 GREEN CAMPUS INITIATIVES – POLICY & DOCUMENTS

GREEN POLICY

Gargi Agriculture Research And Training Institute is committed to green policy "A Green Clean Campus" has been framed to create a complete green, clean and sustainable environment in and around the College Campus and to implement practices that will lead to environmentally friendly and ecologically responsible decisions and lifestyles inside and outside the campus.

The implementation of "A Green Clean Campus" Policy has the following objectives:

Objectives

1. To preserve and protect the native species and biodiversity in the College campus
2. To enrich the greenery in the campus by promoting annual tree plantation activities
3. To sensitize the staff and the students on environment issues and eco-friendly lifestyle
4. To promote "Zero Waste Lifestyle" through "Recycle & Reuse" Practice
5. To encourage "Zero Discharge Commitment" through "Reduce" Practice
5. To implement effective waste management measures
6. To establish a complete "Plastic Free Zone"
7. To implement environment friendly activities outside the College campus

Measures:

Enriching the Greenery in the Campus and Periodical Green Audit

Periodical green audit shall be done to ensure protection of trees and promote tree plantation activities.

Gargi Agriculture Research and Training Institute Green Cell and Environmental Conservation Cell shall periodically involve in sapling plantation, preservation of flora and indigenous species.

The Green Cell and Environmental Conservation Cell shall chalk out suitable location

inside the campus for extending the Kitchen and Herbal Gardens which have already been created in the College's PG wing.

Sensitizing the Staff and Students on Environmental Issues and Afforestation

Periodical orientation and sensitization must be given to faculty, staff, and students by the Green Cell and Environmental Conservation Cell Coordinators on the following aspects:

- The importance of tree plantation and conservation of biodiversity in and around the campus.
- The use of renewable energy resources and energy conservation
- Need for reducing needless consumption and waste generation by adoption of simple healthy lifestyles
- Waste disposal measures and procedures - solid, liquid, chemical, biological and e wastes
- The necessity of adopting Zero waste lifestyle through Reduce, Recycle and Reuse policy.
- The importance of maintaining the campus as a liter-free zone.

The College shall adopt the following Waste Management Measures:

Solid Waste Management

- Solid wastes should be segregated at source.
- Solid wastes must be collected in separate bins provided for bio-degradable, and non-biodegradable solid wastes on campus, including staff residences, and kept well covered.
- These wastes are transported and disposed of as recommended.
- Bio-degradable wastes like food/kitchen wastes are collected separately and composted in pits for use as fertilizer.
- Training must be provided to university gardeners for making composts. .
- Women's hygiene materials must be incinerated.
- Vendors may be permitted through established procedures to collect the non-biodegradables, such as metals, plastics, textiles, and paper, for recycling.
- The biodegradables not locally usable, must be separately handed over to the Municipality via proper procedures.
- Burning of plastic or any chlorinated solid waste is strictly prohibited to avoid the toxic gas release of dioxin and furan.

Minimal Paper Usage

All academic and administrative departments and sections are instructed to observe the following

measures to minimize the paper usage and to ring in a paperless campus:

- Usage of printers and photocopiers capable of double-side printing
- Usage of one side used papers.
- E-Communication on and off campus (as brochures/invitations for conferences, and E-governance policies)
- E-Circulars for official communication both internal and external
- Information (Academic and Administrative) dissemination to students through whatsapp, E-mail etc.
- Averting the usage of paper-cups
- Usage of refillable ball pens and ink pens, cloth bags and jute bags

Liquid waste management

The College shall implement the following measures for liquid waste management on campus:

- a. Used water from washrooms and kitchen are to be treated and reused for greening the campus.
- b. Liquid waste from science laboratories are to be segregated as chemical, microbiological, molecular, blood and animal samples.

Biological Liquid Waste Management

The Heads of Science Discipline and Laboratory In-charges must ensure:

- All Biological wastes are sterilized to avoid contamination as per WHO's guidelines and disposed into wastewater stream to be reused for greening purpose.
- Blood and Animal wastes are incinerated.
- Chemical wastes are neutralized before disposing into drain.
- Molecular wastes like Common Ethidium Bromide waste containers are disposed after triple rinse with water with a hazardous waste label or tag.
- All empty Containers are triple rinsed with water to avoid residue-leakage.

Chemical Waste management:

Chemical wastes are to be separated into five categories as

1. Aqueous waste: Acid, alkali, harmless soluble inorganic salt, alcohol containing salt, hypochlorite solution, silica and alumina
2. Solvents: Chlorinated and non-chlorinated
3. Red listed chemicals: Compounds with transition metals, Fluorides and Nitrides
4. Broken glassware and empty glass bottles

Disposal

1. Aqueous wastes must be neutralized and washed down with excess water
2. Solvent wastes and red listed chemical wastes are to be handed over to the chemical suppliers
3. Broken glassware must be collected in cardboard boxes for landfilling and empty chemical bottles must be reused / handed over to chemical companies.

E-waste Management

- E-Wastes are to be either discharged through buy back arrangement to the vendors themselves or auctioned.
- The e-waste which cannot be reused or recycled must be handed over to the corporation as and when required.

Establishing a Complete "Plastic Free Zone"

All Departments and Sections Head must ensure that

- a complete plastic-free zone is maintained and monitored by the staff, Cells, NSS units, and student green volunteers.
- Single-use water and soft-drink plastic bottles are prohibited.
- other single-use plastic materials including wrappers and bags are minimized to the maximum

Extending Environment Friendly Activities outside the College Campus

Activities like cleaning the forests, areas & roads around the lake and villages outside the College campus are to be carried out periodically via NSS units, Green and Environment Conservation Cells and Extension Activities Committee and under Prime Minister's Swachhta Pakhwada.

Note: Gargi Agriculture Research And Training Institute reserves all its rights to revise and reframe its Green Policy as and when required