

7.1.2

Policy Documents on Green Campus/ Plastic free Campus

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GREEN CAMPUS POLICY

Green Campus, Energy, and Environment Policies will create exciting new co-curricular and extracurricular initiatives that motivate learners to take the lead in bringing about great change.

Objectives-

- To create an environmentally friendly, sustainable campus..
- To teach students about the importance of the environment and the issues.
- Within the campus, to preserve and preserve natural systems and resources.

Strategies of implementation -

1. Restricted entry of Automobiles.
2. Use of Bicycle/ Battery powered vehicles.
3. Pedestrian-friendly pathways.
4. Ban on single use Plastic.
5. Landscaping with trees and plants

M.L.

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ENVIRONMENT POLICY

Introduction-

The environment is a vital part of earth and necessary for living organism, without environment we can not the imagination of life on earth so that environmental policy, any measure by a government or corporation or other public or private organization regarding the effects of human activities on the environment, particularly those measures that are designed to prevent or reduce harmful effects of human activities on ecosystems.

Objective-

Environmental policy is aimed at balancing environmental protection and the conservation of natural resources with other policy goals, such as affordable energy as well as economic growth and employment.

Strategies of implementation-

EARTH DAY

The earth day is an annual celebration that honors the achievements of the environmental movement and raises awareness of the need to protect earth's natural's resources for future generation. The first earth day was held April 22, 1970. In Kanpur institute of technology and pharmacy every year of **22 April World earth day**, is celebrated with Directors pharmacy, dean academics, faculty and students by tree plantation.

WORLD ENVIRONMENT DAY

On the occasion of "**World Environment Day 5th June**", 2023 the Environment club of KITP is organizing a tree plantation program on campus. Directors, Deans, faculty members, staff members and students have taken part in the plantation program. The environmental club incharge is Dr. Ritu Kumari Singh (Dean Student's Welfare). All the activity related environmental promotion and extracurricular activity are run through DSW as per schedule on time to time.

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WASTE MANAGEMENT POLICY

The Institute realizes that integrated waste management is essential in reducing its environmental footprint and providing a safe and healthy work environment for teaching, non-teaching employees, students, residence and visitors. The Institute needs to make sure that all the campus wastes are disposed of responsibly by using proper waste segregation mechanism at the source.

Objectives:

- Ensure that waste management in campus is in accordance with all waste legislative requirements.
- Minimize waste generation and facilitate repair, reuse and recycling of wastes in a cost effective manner.
- Provide clearly defined roles and responsibilities to identify and co-ordinate activity of the waste management.
- Promote environmental consciousness in order encourage waste minimization, reuse and recycling.
- Ensure safe handling and storage of wastes in campus.
- Provide appropriate training for teacher, resident, staff and students on waste management issues.

Strategies of implementation -

- Monitoring the day to day delivery of general waste and their recycling services.
- Operational monitoring of waste management systems.
- Ensuring that no hazardous waste is disposed of through the general or waste recycling streams.
- Ensuring that waste of office and residence is disposed off responsibly through proper waste disposal system.
- The waste could either be recycled /reused or disposed of in captive or common treatment, storage and disposed facilities available in the campus or incinerated.

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Policy for E-waste Management

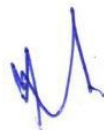
Waste is an outcome of product or a substance that is no longer suited for its intended use. Electronic waste also known as E-Waste or WEEE (Waste electrical and electronic equipment) comprises of a broad and growing range of electronic devices, ranging from large household devices such as refrigerators, electric motors, voltage stabilizers, air conditioners, cell phones, personal stereos, Television, LED's, CRT's, Computer systems and other consumer electronics which have outlived their lives and have been discarded by the users.

Objectives:

- To minimize generation of e-waste at source and facilitate repair, reuse and recycling where ever possible, over the disposal of wastes in a cost effective manner.
- To mobilize and sensitize stakeholders on the proper management and handling of e-waste on a sustainable basis.
- To ensure the safe handling and storage of wastes in the campus.
- To encourage use of environmentally sound e-waste recycling methods.
- To provide guidance on the standards of electronic equipment that is implemented in the campus.
- To provide appropriate training for teacher, resident, staff, students and other stakeholders on e-waste management issues

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Policy for Glass Waste Management

The educational institutions represent the main components of sustainability promotion in our society. Glass Waste Management is one of the challenges that educational institutions must face in accomplishing the sustainability goals.

Objective:

Glass Waste management is intended to reduce adverse effects of glass waste on human health, the environment, planetary resources, and aesthetics. The aim of glass waste management is to reduce the dangerous effects of such waste on the environment and human health.

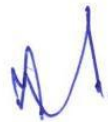
Strategies for implementation:

- To provide clearly defined roles and responsibilities to identify and co-ordinate each activity of the glass waste management.
- To promote environmental awareness in order to increase and encourage glass waste minimization, recycling.
- To ensure the safe handling and storage of glass wastes in the college campus.
- To provide appropriate training for teachers, residents, staff, students and other stakeholders.
- To promote holistic approach of waste management in the campus.

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Policy for Hazardous Chemical Management

The institute realizes sustainable and holistic management and disposal of hazardous chemical essential in reducing its environmental footprint and providing a safe and healthy work environment for teaching and non-teaching employees, students, and visitors. The institute has a duty to ensure that all the hazardous chemicals from concerned laboratories are disposed of responsibly by using proper mechanism at the source and if possible, converting it into value added environment friendly product.

Objectives:

- To ensure the safe handling, storage and disposal of hazardous chemicals from concerned laboratories of the institute.
- To provide appropriate training for teacher, resident, staff, students and other stakeholders on waste management issues.

Strategies of Implementation:

- Monitoring the concerned laboratories regarding management and disposal of hazardous chemicals.
- Provision of appropriate training for all personnel who have responsibilities for management and disposal of hazardous chemicals.
- Ensure all containers of hazardous chemicals are properly labeled with the identity of the hazardous chemical(s) and appropriate hazard warnings.
- Hazardous Chemicals (waste) (liquid, solid) should be accumulated in drums or containers separately.
- Waste storage areas should be checked weekly for leaks or spills.
- Waste containers should be labeled with contents, hazards (flammable, combustible, acid, non-halogenate, halogenated etc.), and accumulation dates.
- Before disposal, pH must be checked, if acidic, before disposal it should be neutralized.
- Solvent should be recycled with the help of fractional distillation process.

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ENERGY CONSERVATION POLICY

The Energy Conservation policy monitor, conserve and manage the energy needs of the campus with the growth in the energy demands of the institute; It is the responsibility of the institute in creating awareness among the students and staff about the energy conservation measures. Also maintain green energy campus with utilization of energy management system.

Objectives:

- Improvement in Energy efficiency to reduce Energy consumption and cost.
- Minimize the energy consumption by use of energy efficient equipment.
- Maximize use of day light and natural ventilation.

Strategies of implementation -

- Maintain the Energy needs of the campus with back-up power supply system for supplying uninterrupted energy demands.
- Establishment of energy efficient utilization measures in the supply, demand systems as part of energy management of the campus.
- Replacement of the existing conventional lighting with the LED lamps.
- Monitor the electricity bills for the efficient utilization of solar power plant installed in the campus.
- Create awareness among the students and staff in energy conservation and management by the Eco-club of the college.
- The Institute shall continuously review and update the approved policy and is committed to its implementation.
- Solar panels were installed on the roof top of the college building to minimize the use of non-renewable source of energy.
- Directions are given to students are given for the proper utilization of the electronic devices in the institution.
- Ensures all the institutional electronics are turned off when not in use.
- Use of energy efficient, star labelled equipments for various purposes.
- Students and faculty members are given adequate training for energy audit procedures for sustainable institutional and household energy conservation.

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WATER CONSERVATION & MANAGEMENT POLICY

Water scarcity is one growing concerns of the present times, the ultimate solution for which is water conservation. Therefore, institute make a policy for water conservation and sustainable maintenance of resources.

Objectives:

- To increase recharge of groundwater by capturing and storing rainwater, by rain water harvesting from rooftop and run-offs.
- To ensure continuous water supply to all sections and departments in college campus.
- To recharge bore well system in monsoon season.
- To reduce wastage of water.

Strategies of implementation -

- Maximize water usage efficiency and minimize wastage of water.
- Promote investment in and maintenance of efficient water infrastructure and green infrastructure in all future development plans.
- Provide training on the water conservation measures adopted by the college to all the students, staff and other stakeholders of the college and nearby community.
- Ensure awareness about the water conservation policy of the college among all the stakeholders.
- Establish waste water treatment and recycling centres.
- Inform, educate and increase awareness regarding the importance of water to life, and the need for conservation and efficient use of water.

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