



GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT (GITAM)

(Approved by AICTE, New Delhi & Affiliated to BPUT, Odisha)

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Ref: Gitam/P/23-24/224 (C)

GREEN POLICY

Date: 26.07.23

Name of Policy		Department responsible	All Department
	Green Policy	Prepared by	Prof. Avijit Nayak
Institute Level		Checked by	Prof. Sukant Kumar Sahoo
Effective date	05/07/2018	Approved by	Principal
Revised date	06/07/2023		
Number of pages	01-06		

Gandhi Institute of Technology & Management, Bhubaneswar vows to protect the Environment by maintaining a Green, Eco-friendly campus, and by creating awareness among its stakeholders both as individuals and members of the society, so as contribute to making the earth, our common home, a sure heaven and a comfortable abode for the prosperity.

Institute also promotes "Clean and Green" campus through adopting, practicing and promoting environmentally friendly practices among students and staff to generate Eco-consciousness among them and in the world around them.

Scope of the Policy

The Green campus, energy and environment policies will develop exciting new co-curricular and extra-curricular practices that encourage students to take the lead in creating positive change. These initiatives call for a thorough review of all infrastructural, administrative functions from the stand points of energy efficiency, sustainability and the environment.

The focus areas of this policy are:

- Clean Campus Initiatives
- Landscaping Initiatives
- Clean Air Initiatives
- Infrastructure Initiatives
 - i) Installation of Energy Efficiency Equipment
 - ii) Water Conservation through Rainwater & Surface water Harvesting System
- Waste Management processes
 - i) Solid Waste Management
 - ii) Liquid Waste Management
 - iii) E-Waste Management
- Awareness Initiatives

- Implementation of Green Audit, Energy Audit and Environmental Audit

Objectives:

- Continuously improve the efficiency and effectiveness in use of all resources, including energy and water, and to reduce consumption in the amount of waste produced, recovering and recycling waste where possible.
- Make the campus plastic free.
- Conduct Environmental and Energy audits from time to time.
- Minimize the use of paper in administration by following the policy for E-governance.
- Protect and conserve ecological systems and resources within the campus.
- Integrate environmental concerns into policies, plans and programmes for social development and outreach activities.

ENVIRONMENTAL POLICY OF THE INSTITUTE

The Institution is committed to manage its campus in accordance with responsibilities towards promoting sustainable environment.

Clean Campus Initiatives

Institute had pledged to actively coordinate cleanliness activities in accordance with the vision of Swachha Bharat Abhiyan. The broad vision is as follows:

1. Activities under 'Swachh Bharat Abhiyan' will be a key component of all the community work being done by NSS volunteers of the institution.
2. Staff Members and students will be encouraged to participate in the cleanliness drive in the college campus.
3. Rallies will be conducted to create mass awareness.
4. Remove all kinds of waste material like broken furniture, unusable equipment etc.
5. Pledge taking by students and staff members to maintain cleanliness of the college campus and its surrounding areas on an annual basis.
6. Commit to manage waste and maintain clean campus especially during college events.

Landscaping Initiatives

The campus landscape, like its buildings, can be seen as the physical embodiment of a college's values. It plays a vital part of the life of a campus, providing space to study, play, outdoor events, relaxation and aesthetic appreciation.

- Landscapes are made for Green campus also to manage runoff.
- Plantation of trees and plants to provide clean and cool air to have a soothing environment.

Clean Air Initiatives

Initiatives are taken to control air pollution and strengthen social interaction.

- Institute encourages the students and staff to use public / institute transportation, instead of using individual vehicle.
- Appointing gardener for the maintenance of litter free, "Clean and Green" Campus.
- In compliance with the framework provided by the National Tobacco Control Program (NTCP) 2007-2008, institute strictly prohibits smoking and the use of other tobacco products. As a step in this direction, smoking and use of tobacco in and around the campus is strictly prohibited to create a "Smoking free Campus".

Energy conservation initiatives:

The various energy conservation measures adopted in the campus, from time to time, includes replacement of all the CRT monitors by LCD monitors in each and every department laboratories, retro fitting standard fluorescent lamps and CFL lamps with LED lighting, introducing automatic street lighting control to reduce energy wastage due to manual errors, upgrading window air conditioners into split air conditioners.

Energy audit of the institute and the campus has been done. While designing the buildings, care has been taken to fetch maximum benefit from natural resources, like wind, sunlight to reduce consumption of electricity. The use of transparent glass windows provides maximum sunlight to classrooms and Laboratories. We have centralized UPS systems for computers. Generator is placed away from the classroom, to minimize noise pollution.

Energy Saving and Energy Efficient Equipment

The following measures are taken to save Electrical Energy

1. Use of LED Bulbs
2. Activate power management features on computer and monitor so that it will go into a low power "sleep" mode when you are not working on it.
3. Turn off monitor when not in use.
4. Activate power management features on laser printers.
5. Whenever possible, shut down rather than logging off.
6. Turn off unnecessary lights and use daylight instead.
7. Avoid the use of decorative lighting.
8. Keep lights off in auditorium, conference rooms, classrooms, lecture halls when they are not in use.
9. Use the fans only when they are needed.
10. Encouraging staff and students to be a member of 'Energy Swaraj Foundation'.

Water Conservation initiatives

Institute has committed itself to this effort to replenish the groundwater level by practicing rain water harvesting. This practice helps in the replenishment and recharge of the groundwater. Also measures are taken for storing the rainwater flows away as surface runoff for future use

- Implementation of Rain Water harvesting
- Implementation of Surface water harvesting

Waste Management initiatives

Institute strives to have a minimal impact on the environment and is dedicated to reduce and manage the waste generated in the campus. The following specific procedures will be undertaken to ensure its contribution in protecting the environment.

Solid Waste Management

Institute pays dedicated focus to see that minimal waste is generated in the campus. All departments, classrooms and corridors are provided with dustbins for dry wastage disposal aim to provide holistic education that also has a positive impact on the environment. institute will adopt practices that will mitigate the generation, and manage solid waste through the following methods:

- Reduce use of paper by supporting digitization of attendance and internal assessment records.
- Encourage the students and teachers to use modern teaching-learning methodologies.
- Take initiatives to spread awareness amongst students
- Food wastage and ways of minimizing it.
- Minimizing the use of packaged food.
- Organizing workshops for students on solid waste management.

Liquid Waste Management

Students are made aware that conserving water is equivalent to conserving their future. The following procedures are adopted for the effective implementation of Liquid Waste Management.

- In house –plumbers attend promptly to fix leakages and wastage of water.
- Students are instructed to close the taps when not in use.
- Minimize the use of water by constructing more Indian style toilets instead of western style toilets.
- Continued employment of a caretaker to take immediate steps to stop any water leakage through taps, pipes, tanks, toilet flush etc.

E-Waste Management

With the proliferation of electronics also comes the challenge of their proper disposal. The College is grappling with ways to efficiently and cost-effectively handle the issue of electronic waste, or e-waste, on campus.

The college adopts most scientific and eco-friendly e-waste disposal mechanisms such as:

- AMC is maintained to periodically review the effective functioning of CPU's and monitors.
- All Electronic waste CPU's, Hard disks, laboratory equipment scrap is sent periodically to the market for sale.
- Obsolete workable computers, printers and other equipment discarded by departments are sold as scrap.
- UPS Batteries are recharged and repaired by the suppliers.

Sewage treatment

The waste from toilets has a harmful impact on the environment as those contaminate land and water. It is not easy to remove chemical and biological contaminants from waste by the simple methods. For which Gandhi Institute of Technology & Management, Bhubaneswar, has taken steps to remove the chemical and biological contaminants from waste.

- Installation of sewage treatment to create healthy environment and to address water shortage issues.

Paper less Environment

Institute is striving towards a paperless office, a work environment in which the use of paper is eliminated or greatly reduced. This is done by converting documents and other papers into digital form, a process known as digitization [E-GOVERNANCE]. We believe that "going paperless" can save money, boost productivity, save space, make documentation and information sharing easier.

.. keep personal information more secure, and help the environment.

Wherever possible

- Automation and digitization are introduced which helped in minimization of usage of paper.
- Digital storage of documents and necessary data to be stored in cloud.
- Facilitate E-communication like WhatsApp , Instagram to communicate among the staff and the students.
- Encourage to use ERP system

Awareness Initiatives

Outreach and education are most important so that all members of the institute may value the objectives of Green policy and aid in its implementation.

- Conducting awareness campaigns, seminars, workshops and other interactive sessions to facilitate effective implementation of the Green Campus, Energy and Environment policies.

Implementation of Green Audit, Energy Audit and Environment Audit

Institute aims create health consciousness and promote environmental values and ethics. It provides a better understanding of the impact of eco-friendly practices on campus. A green audit is a useful to determine how and where most energy or water or resources are being used. It can determine the type and volume of waste. Green auditing will promote financial savings through reduction of resource use.

- Conduct a Green Audit each year to assess strengths and weaknesses to further our goals of long-term sustainability.
- Recycling of projects
- Adoption of waste minimization plans
- Appointment of gardeners for the maintenance of clean and Green campus.
- The institute conducts **Green Audit** every year to identify, quantify, describe and prioritize a frame work of Environment Sustainability in compliance with the applicable regulations, policies and standards.
- An **Energy Audit** to be conducted as and when required and to implement affordable solutions.

Plastic-Free Campus

Institute has been observing most of its duties in terms of solid waste management since its inception. 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". Following the MHRD and UGC guidelines on 2nd October, 2019 to educational institutions across the country, institute issued a notification to students and staff that there would be a ban implemented on the use of single use plastics in the campus.

- The institution through NSS and other clubs conducts sensitization programs on the harmful impact of single-use plastics.

- Mandates all the students to avoid bringing non-bio-degradable plastic items to the institution.
- Facilitating environment friendly substitutes like stainless steel, washable and reusable tumblers at all water units.
- Mandate the canteen to serve only in stainless steel plates / paper plates / paper cups to systematically ban the use of plastics on the campus.

PRINCIPAL,
GITAM, BBSR

(Signature)
26/07/2023

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