

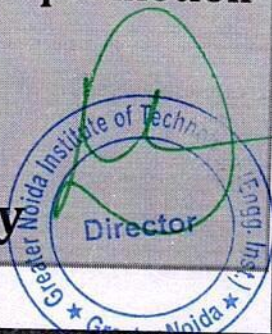


7.1.3.

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities

Environmental Policy



Greater Noida Institute of Technology (Engg. Institute)

**Plot No. 7, Knowledge Park II, Greater Noida
Uttar Pradesh 201310 India**

ENVIRONMENTAL POLICY

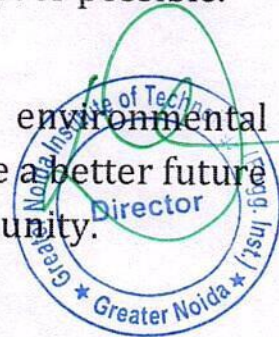
Policy

At GNIOT Engineering Institute, we are committed to minimizing the adverse impacts of our operations on the environment and reducing pollution levels. We recognize that sustainability is crucial to the well-being of our planet, and we are determined to support the sustainability of the natural resources on which we rely.

Despite our focus on environmental responsibility, we remain committed to providing our students and researchers with top-notch programmes that meet their needs and exceed their expectations. We strive to achieve a balance between our academic goals and our environmental responsibilities by integrating sustainable practices into all aspects of our operations.

Our Institute is constantly looking for ways to improve our environmental performance and to stay up-to-date with all relevant environmental laws and regulations. We are dedicated to complying with all applicable environmental regulations and standards and to exceeding these standards whenever possible.

Through our unwavering commitment to environmental responsibility and sustainability, we hope to create a better future for our students, researchers, and the wider community.

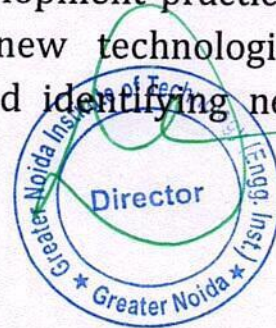


Goal

The purpose of this policy is to regulate and guide the conduct and behavior of all individuals associated with the GNIOT Engineering Institute, including officials, employees, faculty members, students, scholars, and other stakeholders.

Objectives

- To adopt and promote sustainable living and working practices that minimize the negative impact on the Earth's biophysical systems. This includes using environmentally-friendly materials, reducing waste generation, and conserving natural resources.
- To collaborate with local and international communities to implement environmental policies that promote sustainability. This involves working with stakeholders to identify and implement sustainable development practices, such as reducing greenhouse gas emissions and protecting natural habitats.
- To conduct research and develop innovative solutions that advance environmentally sustainable development practices. This includes developing and testing new technologies, promoting renewable energy sources, and identifying new approaches to resource management.



- To raise awareness about the importance of environmentally sustainable development methods. This involves educating students, staff, and the broader community about the benefits of sustainable development and how to implement it in their daily lives.
- To advocate for the creation of policies, programs, and initiatives that advance the goals of environmental sustainability. This includes collaborating with policymakers and other stakeholders to develop and implement sustainable development policies and programs at the local, national, and international levels.

Principles

To achieve this, we have put in place a set of principles that inform our decision-making processes and guide our actions towards a more sustainable future. These principles include:

Integration of sustainability : We strive to integrate sustainability into every aspect of our operations, from facilities management and energy use to curriculum development and research initiatives.

Collaboration and engagement : We recognize that sustainability requires collective action and that collaboration with stakeholders, including local communities, governments, and businesses, is critical to achieving our goals.



Innovation and leadership : We embrace innovative solutions and technologies that promote sustainability and seek to be leaders in advancing sustainable practices in the engineering field.

Continuous improvement: We are committed to ongoing evaluation and improvement of our sustainability performance through monitoring, and reporting,

Education and awareness : We believe that education and awareness are essential to creating a more sustainable future, and we are committed to raising awareness and providing education on sustainable practices to our students, staff, and wider community.

By adhering to these principles, we are dedicated to making a positive impact on the environment and contributing to a more sustainable future for all.

Implementation

- Implement effective energy and water management and conservation measures.
- Consider the impact of outdoor spaces and promote sustainable practices in those areas as well.
- Promote material and supply recycling to reduce waste and minimize negative environmental effects.
- Take measures to reduce any unfavorable environmental impacts of the institute's operations.



- Increase environmental awareness among all stakeholders, including staff, students, and the wider community.
- Reduce reliance on non-renewable resources and promote the use of sustainable alternatives.
- Conserve electricity through energy-efficient practices and technologies.

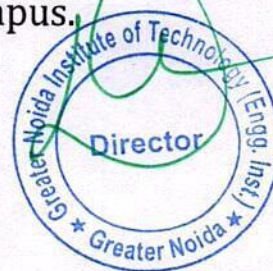
GNIOT Energy and Water Conservation Policy

Purpose:

The GNIOT Engineering Institute is dedicated to achieving environmental sustainability by implementing measures to regulate and reduce energy and water use, as well as greenhouse gas emissions resulting from energy consumption. This policy is designed to help the Institute meet its targets for energy and water expenses while also reducing its environmental impact. The Institute aims to decrease its yearly energy and water usage by 5% as part of its broader commitments to reduce greenhouse gas emissions.

Principles:

As well as providing an excellent learning and research environment, the GNIOT Engineering Institute is dedicated to being a sustainable role model by managing its institutional resources prudently. The Institute aims to promote sustainability by encouraging individual behaviour change, as well as implementing sustainable practices across campus.



Scope of this policy:

All members of the campus community, including students, faculty, researchers, and other staff, are covered by this policy. This policy applies to all forms of energy and water used on campus, including chilled water, natural gas, and electricity.

Policy:

The GNIOT Engineering Institute recognises the importance of access to energy and water to sustain work, study, and research activities. Every member of the campus community is expected to use energy and water efficiently. All departments on campus are responsible for controlling their energy and water consumption by monitoring and implementing best practices to reduce their ecological impact.

To continually improve and reduce operating costs, the campus community will make informed decisions to reduce energy and water use.

Procedures:

To ensure that energy and water are used efficiently, responsible officials will review and implement changes to any process, technique, or equipment that is not operating efficiently. When purchasing equipment, energy and water consumption specifications will be reviewed, and the most efficient models will be chosen.

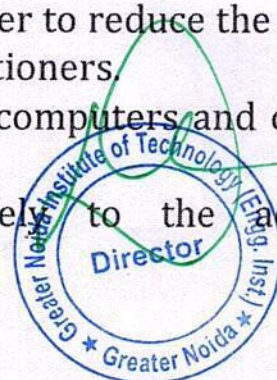


Vendors and respective supervisors will provide guidance and information on how to conserve energy, and each department must identify areas of inefficiency and work towards ongoing improvement and reduction.

All students and faculty are instructed to monitor classrooms and corridors and switch off any electrical devices such as fans, lights, and air conditioners when rooms are vacant. This practice not only saves energy but also leads to cost savings.

Best Practices

- Practice turning off lights and devices in any unoccupied rooms to save energy. Encourage others to do the same.
- Turn off or disconnect lab equipment, laptop computers, displays, and office equipment while not in use, especially after hours and on weekends. Unplug equipment that is not regularly used.
- Ensure fume hoods and bio safety cabinets are turned off when not in use to prevent the loss of conditioned air.
- Avoid using devices that chill with water only once, as it is not an efficient use of resources.
- Develop research procedures that conserve resources effectively.
- Dress appropriately for the weather to reduce the need for personal heaters and air conditioners.
- Select energy-saving settings for computers and other devices.
- Report water leaks immediately to the admin supervisor of each building block.





- Equip all offices and faculty cabins with LCD or LED bulbs to save energy.
- Avoid idling fleet vehicles to conserve fuel and reduce emissions.

Institutional best practices include

- Develop policies and practices that prioritize continual improvement while also being energy and water efficient.
- Assign clear responsibility for managing energy and water use within the organizational structure.
- Develop an energy management plan that is adopted campus-wide.
- Establish financial mechanisms to support initiatives aimed at energy and water conservation.
- Create a communication strategy to inform the campus community about energy and water efficiency, as well as other relevant topics.
- Conduct engagement and awareness campaigns with ongoing public relations efforts.
- Implement an energy management information system to monitor consumption, calculate savings, and verify results.

