



SGT UNIVERSITY

SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY
(UGC & AICTE Approved) Gurugram, Delhi-NCR

No. : SGTU/BOM/27.15/2021

Dated : 17th September, 2021

Environmental Policy


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The policy of SGT University is to affirm the University's commitment to conserve and continuously improve our environment by addressing contemporary issues and manage its operations in ways that are environmentally sustainable, economically feasible and socially responsible. Therefore, this policy represents an important component of the University's broader vision in building a peaceful and sustainable global civilization.

1. Environment Management

- To promote and ensure a sound understanding of current environmental performance and practices throughout the University.
- As a minimum, to comply with the requirements of relevant legislation.
- To reduce and, where practicable, prevent pollution and adopt targets for improving environmental performance.
- Collaborating with apt outside organisations to advance our understanding of environmental problems and their solutions.
- To Improve consciousness generation related to environment review through internal and external certified auditors so as to recognize key areas of improvement and subsequent application for adopting relevant environment strategies solutions.

2. Awareness and Training

- To develop a range of environmentally relevant undergraduate and postgraduate courses building on those courses currently offered.
- To increase awareness of staff and students of the University's environmental impact, activities and performance and good practice.
- To deliver appropriate environmental educational programmes for university pupils and nearby community.
- To create awareness among pupils and community about conservation of natural resources and inspire them on ensuring good environment practice.

3. Waste Reduction and Recycling

- To set and achieve targets for reducing resource use.
- To minimise the adverse environmental impacts of disposal of University assets.
- To increase the rate of recycling of all appropriate materials.
- To implement sustainable resource management practices, based on reduce, reuse and recycle principles.

4. Carbon Management

- To implement a carbon management plan, including efficient use of energy by monitoring, control and managing through effective management.
- To confirm the uptake of low carbon technologies in buildings and equipment.

5. Water

- To make efficient and environmentally responsible use of water, including identifying opportunities for water reuse.
- To develop a sustainable water management system through various techniques such as rain water harvesting, sewage treatment plants etc.

6. Procurement

- To promote life cycle thinking in the procurement of goods and services.
- To work with suppliers to promote sustainable resource management practices.


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7. Transport

- To implement sustainable transport practices across all activities with the aim of achieving the University's carbon reduction targets.

8. University Estate

- To develop and implement a University estate strategy based on sound environmental and sustainability principles.
- To manage the University estate with a view to protect natural habitats and enhancement of biodiversity wherever possible.
- To require a sustainable construction plan for any new University development and refurbishment project.

Policy Evaluation and Activity Monitoring:

The main responsibility for implementation of this policy lies within the Authorities of the University and the Vice-Chancellor as the University's Chief Executive.

The Environmental Committee nominated by the Vice-Chancellor will actively monitor the performance of Faculty and Department in the implementation of the aims and objectives of this Policy in the activities under their control and work on the overall environment and sustainability of the university in liaison with different department heads. The committee will monitor, audit and provide recommendations as and when required to be implemented within the University premise.

The Deans/ Principle of Faculty and the Heads of the Departments are responsible for ensuring the compliance with University Environment Policy within their area of control and report to the centrally constituted Environmental Committee of SGT University. All Faculty and Departments are required to make arrangements for promoting environmental awareness and dealing with environmental impacts encountered within their sphere of activities.

Whilst the University accepts the main responsibility for implementation of this policy, each individual plays a vital role by co-operating with those members that are responsible for safeguarding the environment. Individuals are required to abide by rules and requirements made under the authority of this policy.


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Annexure

Sustainability Management Policy (Water & Waste)

The University is working in the direction of Sustainable Environment which is envisioned to implements 3R strategy (Reduce, Reuse and Recycle) by implementing various techniques and doing various awareness drives for this through students and other stake holders of the institute.

The University consciously takes various steps by dissemination of knowledge and information, awareness activities and Capacity building. This is in line with the university environmental policy which ensures the responsible use of resources, identifying opportunities for sustainable water and waste management systems.

Strategic Plan:

1. To reduce waste generation at university sites using the waste reduction hierarchy as the basis, which is further supported by environmental policy.
 1. Prevention and minimisation of waste production at the source
 2. Reuse of resources where possible
 3. Recycling of generated waste
 4. Energy recovery from non-recyclable wastes
 5. Disposal to landfill
2. Dissemination of knowledge and information by developing audio-visual content for water conservation.
3. Projects related to capacity building, water conservation strategies, audio-visual content, and documentation to transform the eco-system of drinking water supply sector.
4. Conservation of water resources by upgrading the existing water equipment's, reducing cost of water consumption in a timely manner.
5. Support initiatives such as installing water dispensers, conducting water quality testing and surveillance in adjacent areas, and increasing community capacity by offering essential consultations through awareness campaigns and reorientation of different stakeholders among other things.
6. To set and achieve targets for reducing resource use and increase the rate of recycling
7. To minimise the adverse environmental impacts of disposal of University assets and implement sustainable resource management practices, based on reduce, reuse and recycle principles.
8. To improve consciousness generation related to environment review through internal and external certified auditors so as to recognize key areas of improvement and subsequent application for adopting relevant environment strategies solutions.

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ENERGY CONSERVATION POLICY

SGT University aims to realistically and comprehensively reduce energy consumption, assure acceptable indoor air quality and improve energy efficiency on campus through methods that are consistent with a safe, secure, and Eco-conscious campus community. The institution has developed a plan to save energy at the institution level with time-bound plan towards energy conservation. The energy conservation policy is aligned with Environmental policy which ensures that renewable energy is used to meet considerable degree of power requirement, thus subscribing to Environmental Sustainability.

Strategic points:

1. Carbon Management

- To implement a carbon management plan, including efficient use of energy by monitoring, control and managing through effective management.
- To confirm the uptake of low carbon technologies in buildings and equipment's.
- To confirm that we will invest in appropriate facilities and technologies to energy consumption and reduce our carbon footprint, aiming to be net carbon neutral.

2. Transport

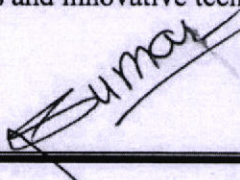
- To implement sustainable transport practices across all activities with the aim of achieving the University's carbon reduction targets.
- To implement fuel efficient driving training program.
- To implement E-vehicles are used which reduce carbon footprints.
- To implement Carpooling which help in reducing Fuel Consumption.

3. University Estate

- To develop and implement a university estate strategy based on sound environmental and sustainability principles.
- To manage the University estate with a view to protect natural habitats and enhancement of biodiversity wherever possible.
- To require a sustainable construction plan for any new University development and refurbishment project.

4. Energy conservation practices

The practices and eco-friendly habits are inculcated among students and staff through cautioning them about simple things which are really effective to reduce energy consumption by utilizing various techniques and innovative techniques.


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Purchase Policy

Annexure

Sustainability can be incorporated into the whole procurement process assessing the need, defining the need, evaluating options, design and specifying, supplier selection, tender evaluation, post-contract management and supplier development.

Objectives:

- To promote life cycle thinking in the procurement of goods and services.
- To work with suppliers to promote sustainable resource management practices.

Purpose:

The purpose of this policy is to make clear to all SGT staff what is meant by Sustainable Procurement and how we propose to work towards achieving it. The policy applies to all SGT Procurement activity and governs SGT approach to procurement.

Strategic Plan:

- To comply with all relevant legislation and regulatory requirements
- To promote sustainable awareness amongst suppliers and contractors
- To procure sustainable products and services
- To include sustainable criteria when evaluating offers from potential suppliers
- To promote awareness of sustainable issues within the user community
- To use the results of the monitored practice to benchmark our performance against similar organization
- To analyse the benchmarked performance to identify areas of practice for improvement

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Measures Adopted under the Policy



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Effective Strategies and Practices for Water Conservation: Implementing Sustainable Measures

The University is committed to achieving the Sustainable Development Goals (SDGs), which aim to provide access to safe and sufficient drinking water and implement sustainable water management measures, such as grey water management, water conservation, and rainwater harvesting. To achieve this, the University has taken several measures, including promoting water conservation, disseminating knowledge and information, conducting awareness activities, and building capacity among stakeholders. These efforts align with the University's environmental policy, which promotes responsible water usage, identifies opportunities for water reuse, and implements sustainable water management systems.

The major domains under which actions have taken up are:-

1. Water conservation:

University implements 3R strategy (**Reduce, Reuse and Recycle**) by implementing various techniques and doing various awareness drives for this through students and other stake holders.

- University utilizes drip irrigation along with sprinklers to reduce consumption in horticulture.
- Proper periodic checking and maintenance is there in practice to ensure zero leakage.
- University consider buying a dual-flush toilet, to avoid extra loss.
- Tap flow is maintained at a potential capacity and the water flow from the faucet is fixed and adjusted to half of the capacity wherever possible.
- University has its own Sewage treatment Plant (STP), and Effluent Treatment plant (ETP)
- University has rain water harvesting system (RWH) which is further expanded to make maximum reusable water.
- University has composting unit for vegetable food waste and save gallons by avoiding garbage disposal sparingly.
- Regular water audit to find out recommended water use, monitoring bills and monthly consumption.
- University has annual third party audit for Environment to have a regular check
- University encourage tap water consumption over bottled water consumption by promoting and increasing access to clean tap water.

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2. Activities and Technological interventions :

- As part of the University's outreach initiatives, various events such as nukkad nataks, group discussions, door to door awareness marches and presentations in community are frequently organised to raise awareness of the need of safe drinking water and how stakeholders may be involved in a way that makes water everyone's business.
- Support initiatives such as installing water dispensers, conducting water quality testing and surveillance in adjacent areas, and increasing community capacity by offering essential consultations through awareness campaigns and reorientation of different stakeholders among other things.
- Videos, documentary and other social media (SGT Times, Blogs etc.) platform are used to impart the objectives of Sustainable Development.

Additional measures under process for further implementation:

- Dissemination of knowledge and information by developing audio-visual content for water conservation.
- Projects related to capacity building, water conservation strategies, audio-visual content, and documentation to transform the eco-system of drinking water supply sector.
- Conservation of water resources by upgrading the existing water equipment's, reducing cost of water consumption, through maintaining up-to date records and identify/respond to leaks and line breaks in a timely manner.
- Identify and implement best practices to conserve water in the campus.
- To promote research ways to earmark water quality based on data analysis and best practices.

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