



ENVIRONMENT, GREEN, ENERGY POLICY

**Prepared By
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UGC Act, 1956**

ENVIRONMENT, GREEN & ENERGY POLICY

INTRODUCTION

The Environment, Green & Energy policy is a medium to provide an exchange of information and experience on all legal, administrative and policy matters related to environment. The platform provides access to curate materials relating to the concept of sustainable development. Topics covered include climate, biodiversity decline, globalization, greening and energy recourses etc. Environmental Policy is an international, interdisciplinary journal that facilitates an understanding of environmental policy issues contributing to the environmental social sciences and also linking the health, natural, and society as whole. The aim of the policy is to promote communication among academia, government, business and industry, and non-governmental organizations who are involved in the solving of environmental problems. It publishes policy commentaries, action plan, objective & scopes, mechanism to process action plan and initiative, and more.

Moreover, it is part of Corporate Social Responsibility of the Higher Educational Institutions to ensure that they contribute towards the reduction of global warming by different pollution reduction measures.

The Institute has decided to conduct an external Green Evaluation by a competent Environment Auditor regularly in every three years.

Environment, Green & Energy Policy focuses on the Green Campus, Waste Management, Water Management, Air Pollution & Energy Management etc. being implemented by the Institute Management. The area of improvement, suggestions, objectives, methodology, tools of analysis, and objectives and scopes of the audit will be summarized in audit report.

GITAM-Environment, Green & Energy policy statement:-

“The GITAM’s Environment, Green & Energy policy is fulfilling its commitment to promote environment, greenery and energy conservation by using its efficient protocols and practicing the reduction of energy consumption, carbon reduction and environmental protection measures along with more focus on tree plantation to convene the standard norms and to maintain eco-friendly green campus”.

GITAM Initiatives:-

GITAM actively coordinates various cleanliness drives in the campus as well as nearby community in line with the idea of “Swachh Bharat Abhiyan,” an initiative taken by Govt. of India.

Generating mass awareness on cleanliness and hygiene amongst students and staff members by holding regular cleanliness drives. The idea is to motivate them to contribute in a proactive manner.

1. Activities under ‘Swachh Bharat Abhiyan’ will be a key component of all the community work being done by volunteers of the Institute.
2. Staff Members will be encouraged to participate in the cleanliness drive in the campus as well as nearby areas.
3. Awareness events such as poster and slogan competitions, essay writing, poetry, speeches, skits etc are organized time to time.
4. Effective solid and liquid waste management.
5. Conduct regular plantation drive to maintain and improve greenery of the campus as well as the surroundings.

Vision and Mission of the Institute

VISION

“GITAM aims to be an outstanding Institute in India through academic excellence in the field of Technology and Management to fulfill the need of the Industry and serve the society.”

MISSION

- To provide healthy environment to our students as well as faculty members.
- To achieve excellence in technical education.
- To promote holistic development of students through interaction with alumni, academia, Industry and expert lectures.
- To attract nurture and retain the best faculty and technical manpower.
- To promote research and development Initiatives.
- To contribute to the society by inculcating professional ethics in the students.

Vision and Mission of Environment, Green & Energy policy:-

VISION

GITAM Environment, Green & Energy policy is to create awareness to defend, reinstate and improve environmental excellence towards good public health in campus in particular and society at large and also to sustain the natural resources.

MISSION

- To create awareness against societal evils responsible for disturbing the environment.
- To motivate stakeholders for taking constructive measures for adhering to environmental Integrity and green practices.
- Holding the students and staff accountable for eco-friendly practices and energy conservation.

OBJECTIVES AND SCOPE

The Environment, Green and Energy Policy will develop exciting new practices that encourage students to create optimistic changes to save environment. These initiatives entitle for a thorough review of all infrastructural, administrative functions for energy efficiency, sustainability and the pro-environmental behavior measures.

The broad aims/benefits of the Environment Policy would be:

- Environmental education, greening and energy conservation through systematic management approach.
- Improving environmental, greenery and energy consumption standards.
- Benchmarking for environmental protection initiatives.
- Sustainable use of natural resources in the campus.
- Financial savings through reduction in resource use.
- Curriculum enrichment through practical exposure.
- Development of ownership, personal and social responsibility for the campus and its environment.
- Using renewable energy resources and energy efficient devices.
- Developing an environmental ethic and value systems among society by regular awareness campaigns.

Action plan:

1. Establishing Environment committee with its representatives from various departments for proper implementation of action plan.
2. Making short and long term goals with various conservation methods to achieve the desired level of energy saving, carbon reduction and eco-friendly campus.
3. Adopting and using highly energy efficient equipment and BEE star rated devices.
4. Ensuring regular maintenance and replacement of the aged and faulty equipment with energy efficient devices.
5. Strategy to ensure the reduction of e-waste generation for saving cost and energy by proper application of maintenance, evaluation of life cycle before changing or recycling it.
6. Increasing the use of natural day light and using natural ventilation for reducing energy consumption.

7. Moving forward to adopt sensor based lighting, water tapping systems and cooling system to reduce unnecessary energy consumption.
8. Encouraging student and faculty members to follow the energy saving tips and also arrange training programs to make them more familiar with the importance of energy saving and Environmental issues.
9. Incorporating the courses based on environment, energy management auditing with inclusion of tie up with industries.
10. To ensure effective E-Waste disposal mechanism.
11. Reduce the absolute amount of waste produced in the campus.
12. Proper implementation of waste management in campus.
13. To encourage students and staff to reduce the uses of plastic.

Implementation Mechanism for Proposed Action Plan

The Environment committee should use best possible methods to practice the Environmental, Green and Energy conservation with following steps:

1. To ensure various effective awareness campaign within and outside the campus regularly.
2. To conduct Tree plantation drives time to time.
3. Monitor and evaluate the energy conservation measures of the Institute.
4. To motivate faculty and students to reduce pollution.
5. To encourage students and staff to use College/public transportation.
6. To encourage Car pooling/Bike pooling among students and staff members which will control air pollution and strengthen social interaction as well.
7. To prohibit Smoking and use of tobacco in and around the campus.
8. Proper damping of instruments creating high noise level.
9. Honking of vehicles is prohibited in the campus.
10. Collaboration with the external agency for proper and effective E-Waste recycling.
11. Provide sufficient, accessible and well-publicized collection points for recyclable waste.
12. Some amount of bio-degradable waste is supplied to the neighborhood villagers for cattle feeding.
13. Timely monitoring the maintenance of water body structures.
14. Regularly conduct "Plastic Free Society" campaigns to reduce the uses of plastic.

Conduct of Environment, Green & Energy Audits:-

An Audit can be defined as a basic management tool comprising a systematic, documented, periodic and objective evaluation of how well environmental organizations, management systems and equipment are performing. These audits are conducted to verify whether an organization meets its stated objectives and functional audits such as for water conservation, environmental issues and electricity saving measures etc.

Environmental auditing is defined as:

“A management tool comprising a systematic, documented, periodic and objective evaluation of how well environmental organization, management and equipment are performing with the aim of safe guarding the environment and natural resources in its operations/projects.”

The Institute regularly conducts the Environment, Green & Energy audit in every three years to assess our commitment for energy conservation and sustaining eco-friendly environment. Audit is conducted by agency Accredited by the Bureau of Energy Efficiency (BEE). It can help us to properly determine the type and volume of the waste. It will create health consciousness and promote environmental values and ethics in society. It provides a better understanding of the impact of eco-friendly practices and promotes proper utilization of available recourses. It is imperative that the Institute evaluate its own contributions towards sustainable future. It also helps us to explore our bottle neck areas for further improvement.

The outcome of the Audit should be established with concrete evidences and constructive measures are taken to ensure the compliance of the short comings.


Prepared by:

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Approved/ Not approved
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