



Dronacharya College of Engineering

Approved by AICTE, New Delhi

Affiliated to MDU, Rohtak

Policy Document On Environment and Energy Usage

Effective from 2019-20



Policy Document on Environment and Energy Usage and Green Campus

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Preamble

The Environment and Energy Usage Policy of Dronacharya College of Engineering is committed to managing energy efficiently and systematically to minimize its environmental impact. This policy focuses on exploring renewable energy sources to lessen dependency on conventional energy, thereby reducing the burden on the government. Additionally, it aims to identify and promote sustainable alternatives to address the growing energy crisis, ensuring a greener and more sustainable future.

This environment and energy policy is binding for all the components of the institution and applies to all its stakeholders and to the various activities undertaken by the institution. It will help us to embed efficiency and environmental awareness into our everyday activities, thus helping us to realize our responsibilities and commitment to conservation of natural resources and to limit its usage

Objective:

- To encourage green practices within the campus and beyond.
- To develop awareness about environmental issues.
- To understand one's responsibility towards energy conservation.
- To reduce waste production on campus for all activities and programs
- To initiate water management and conservation practices.
- To maintain cleanliness and sanitation on campus.
- To provide a pollution-free healthy environment.

Practices:

The college is committed to sustainable development in all its endeavours. In accordance following are the areas to be considered for streamlining ways and procedures for environment and energy conservation.

- A) Green Environment and Clean Campus
- B) Energy conservation and management
- C) Waste management -Solid, Liquid & E-Waste Management
- D) Water Conservation and Management
- E) Ban on single-use plastics on the Campus
- F) Paperless operating procedures
- G) Taking up awareness initiatives and environment-centric activities

A) Green Environment and Clean Campus

The students are given strict instructions to maintain the campus clean. A gardener and full time adequate support staff are appointed for the maintenance of litter free clean and green campus. Solid waste is segregated as bio degradable and non-degradable and handed over to Municipal Corporation. All Departments and classrooms are provided with dustbins for dry wastage disposal. Segregation of waste into dry and wet waste from the separately allotted dustbins is done in strategic locations, thus maintain the campus clean and eco- friendly. Use of sanitary disposal machine is one of the best practices adopted by the college towards eco-friendly disposal mechanisms. Food leftover from the canteen is treated and converted into vermin-compost.

The college adopts most scientific and eco-friendly e waste disposal mechanisms such as Annual Maintenance Contract is maintained to periodically review the effective of CPU's and monitors.

- The green cover is reasonably good with trees and plants of the variety.
- The college plans to work towards a more decent landscape.
- To undertake a tree plantation drive.
- To reduce local air pollution emissions using environment friendly vehicles, including bicycles, public transportation and use of pedestrian-friendly roads

B) Energy conservation and management.

- To install and use LED bulbs in the College campus to save energy.
- To invest in power-efficient equipment.
- To create awareness that small actions matter – “Save Energy” labels/posters are put up at various locations in the College.
- Use of natural lighting and ventilation is encouraged as and when possible.
- To take additional measures to continuously improve our energy consumption.
- To ensure the availability of necessary resources to achieve our objectives.

C) Waste management -Solid, Liquid & e-Waste Management

- Two-way segregation of waste at source, on campus.
- Practice the 4 R's Reduce, Reuse, recycle and refuse wherever possible.
- Reduce waste production on campus.
- Sanitary Napkin Incinerator and Sanitary Napkin Disposal Machine is Installed and used.
- Follow Eco friendly practices in daily activities and programs.
- Prefer using bags made of eco-friendly material.
- Preference to eco-friendly items and material for packaging and decorations as well as for gifting/memento and felicitating guests, during various programs.
- Reduce usage of paper by encouraging techno-centric teaching and administrative model.
- To develop a systematic waste management mechanism

D) Water Conservation and Management.

- To use rainwater recharge pit for water conservation and management.
- Periodic mending and repairs of leaks in taps and pipes are done.
- Planting an indigenous variety of plants and less water-requiring plants in the College campus.
- To create awareness that small actions matter by putting up Save Water labels/posters are put up in various places in the College.

- Organizing water conservation activities for creating awareness amongst the faculty and students on campus.
- By using and replacing sanitary fixtures with water-efficient faucets and nozzles.

E) Paperless operating procedures.

- Move towards a paperless office with E-office practices as encouraging communication through emails and other virtual platforms.
- Digital storage of documents through local admin PC.
- To form subject wise what's app groups and google classrooms for communication and transaction of course content.
- To have College social media handles- Instagram, Facebook, LinkedIn, Twitter, You tube.
- To have a fully functional College website.

F) Ban on single-use plastics on the Campus.

- To strive towards a plastic-free campus with the prohibition on using single-use plastic on campus.
- To conduct sensitization programs on harmful effects of single use plastic.
- Practice the 4 R's Reduce, Reuse, recycle and refuse wherever possible.
- Follow Eco friendly practices in daily activities and programs. Prefer using bags made of eco-friendly material.
- Preference to eco-friendly items and material for packaging and decorations as well as for gifting/memento and felicitating guests, during various programs.

G) Taking up awareness initiatives and environment-centric activities.

- The College through its academic subject, Environmental Studies is devoted to the cause of environmental awareness, undertaking green initiatives, and conducting green literacy programs to save energy and to protect the environment. Students take up various awareness-raising activities and programs.

Responsibilities:

The management team is responsible for implementing and monitoring this policy.

All employees are responsible for complying with this policy and contributing to the achievement of environmental and energy conservation goals.

Conclusion:

We are committed to protecting the environment and conserving energy resources in all aspects of our operations. We will continually assess our performance and strive for improvement, ensuring that we meet or exceed our environmental and energy conservation goals.

References:

- **UGC Guidelines for development of Green Campus, 2016**
- **Swachh Campus – A manual for Swachhta Ranking of Higher Education Institutions, Government of India Ministry of Human Resource Development 2017**
- **AICTE Green Campus Initiative**



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