


Dr D Y Patil Prathisthan's
**PADMASHREE DR. D Y PATIL COLLEGE OF
ARCHITECTURE**

Sector No. 29, B/h. Akurdi Railway Station, Nigdi Pradhikaran, Akurdi, Pune - 411044

Policy Document on Environment and Energy Usage




Dr. D.Y. Patil Prathisthan's
Padmashree Dr. D.Y. Patil College of Architecture,
Akurdi Pune

In all of its undertakings, the College is dedicated to sustainable development. It intends to streamline socially acceptable methods of energy usage and conservation under its purview.

Policy statement :

The College's Environment and Energy Usage Policy's primary goal is to manage energy in such a way as to reduce its negative environmental effects. This institution's varied activities and all of its stakeholders must adhere to this environment and energy policy, which is mandatory on all of the institution's parts.

To encourage eco-friendly and sustainable practices, both on and off the campus, the college envisions a clean and green campus. In its everyday operations, it concentrates on streamlining ethical waste management procedures as well as water management and conservation activities. In an effort to address the energy issue, it looks into alternative natural resources as well as renewable energy sources. By incorporating efficiency and environmental consciousness into our daily actions, this will allow us to understand our responsibilities and dedication to the protection of natural resources and to their mindful usage. The environment and energy policy will assist us in integrating environmental awareness and efficiency into our daily actions, assisting us in realizing our responsibilities and dedication to the protection of natural resources.

Objectives:

- To raise awareness of environmental issues.
- To be aware of one's need to practice energy saving.
- To put in place appropriate waste management practices.
- To cut back on trash generation across all activities and programmes on campus.
- In order to set up practices for water management and conservation.
- To promote environmentally friendly behaviors on campus and outside.
- To maintain campus sanitization and cleanliness.
- To Create a Clean, Healthy Atmosphere.
- To generate fertilizer from organic waste.



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Plan of Implementation/ Practices

The areas listed below should be taken into account while streamlining practices for energy and environmental conservation:


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

A. Energy conservation and management

1. To generate energy through On-grid solar PV System
2. To utilize and install LED lighting on the college campus in order to conserve electricity.
3. To allocate funds to appliances that are energy-efficient.
4. Save energy labels and posters have been placed around the college to raise awareness of the importance of minor acts.
5. It is recommended to use natural lighting and ventilation wherever available.

B. Waste management -Solid, Liquid & E-Waste Management,

1. Waste source separation in all directions around the campus.
2. Exercise the 4 R's. Wherever possible, practice Reduce, Reuse, Recycle, and Refuse.
3. Cut back on campus garbage output.
4. A sanitary napkin vending disposal device and incinerator are installed and in operation.
5. Follow environmentally friendly procedures in all of your regular operations.
6. Prefer using eco-friendly material for your bags.
7. Eco-friendly products and materials are preferred for packaging, décor, gifts, mementos, and congratulating guests at various programmes.



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C. Water Conservation and Management.

1. To manage and conserve water by using a rainwater recharge pit.
2. Leaks in taps and pipelines are routinely patched and repaired.
3. Installation of aerator in faucet for saving water.
4. Establishing native plants and plants that use less water on the college campus.
5. The College has Save Water labels and posters up in numerous locations to raise awareness of the importance of simple acts.
6. Organizing water conservation initiatives to raise awareness among the campus's teachers and students through poster competition, skits etc.
7. Employing water-saving faucets and nozzles in place of sanitary fittings.

D. Clean & Green Campus.

1. The native trees and plants provide the area a respectable amount of green cover. The college wants to create a more respectable environment.
2. To organize an initiative for tree plantation.
3. To start a club for nature conservation
4. To utilize environmentally friendly vehicles, such as bicycles, public transit, carpooling and pedestrian-friendly roadways, in order to lower local air pollution emissions.
5. To preserve sanitization and cleanliness over the Campus.

E. Paperless operating procedures.

1. E-office procedures ERP can help you transition to a paperless workplace by promoting communication through email and other online channels.
2. Document digital storage using Google Account storage.
3. To create Google Classrooms and Whatsapp groups for each subject to facilitate communication and the exchange of course materials.
4. To have college-related social media accounts, such as an Instagram or YouTube channel.
5. to have a college website that is fully functional.



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F. Ban on plastics Use on the Campus

1. To ban the use of single-use plastics on campus in an effort to create a plastic-free Campus.
2. To run campaigns to raise awareness of the dangers of single-use plastic.
3. Use the 4 R's. wherever possible, practice Reduce, Reuse, Recycle, and Refuse.
4. Use environmentally friendly procedures such as tree plantation, use of jute bags etc. in all of your regular tasks.
5. Choose to choose eco-friendly material for your bags.
6. Choosing eco-friendly products and materials over conventional ones for packaging, decorations, gifts, and ceremonies honoring guests.
7. Engaging in environmental activism and awareness-raising projects.

The College through its academic subject, Environmental Education is devoted to the cause of environmental awareness, to undertake green initiatives, and to conduct green literacy programmes to save energy and to protect the environment.

As part of their projects and assignments, students participate in a variety of awareness-raising events and programs at their Classrooms.

To provide chances for both faculties and students to participate in activities that promote environmental conservation.

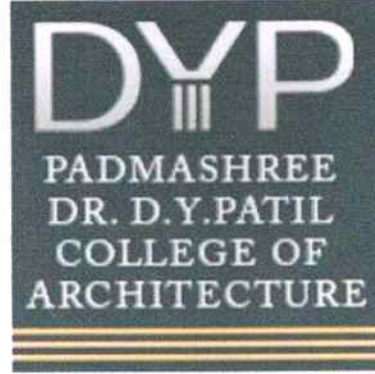
Conclusion:

The aforementioned techniques and methods of execution are flexible depending on the situation and demands of the moment. All students, faculty, and college personnel shall be informed of this policy. To make the college campus green, clean, and eco-friendly, all stakeholders must adhere


Ar. Dhananjay Chaudhari

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**ACTION TAKEN REPORT
2020- 2021**



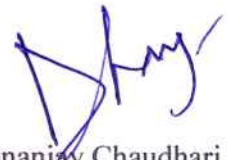
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As per the report of the auditing agency, the following actions are taken:

- LED lights are used in place of CFLs,
- staff, and students are strictly instructed to disconnect and switch off electrical appliances when not in use or after usage.
- The appliances also undergo routine maintenance to increase their efficiency.
- Regular periodic water quality assessments are performed,
- Measures are taken to strengthen current water management procedures.

ACHIEVEMENTS :

- The **Green Protocol** is carefully followed.
- **Tree Plantation** Initiative every year



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**ACTION TAKEN REPORT
2021- 2022**



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As per the report of the auditing agency, the following actions are taken:

- LED lights are used in place of CFLs,
- staff, and students are strictly instructed to disconnect and switch off electrical appliances when not in use or after usage.
- The appliances also undergo routine maintenance to increase their efficiency.
- Pedestrian free Campus.
- Maintenance of water bodies and distribution system in the campus.
- Maintenance of Landscape in Campus
- Usage of daylight in corridors

ACHIEVEMENTS :

- **Shramadan** initiative by all the teaching, non-teaching and students.
- The campus is **Awarded as Green Campus** by PCMC.



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ACTION TAKEN REPORT

2022- 2023



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As per the report of the auditing agency, the following actions are taken:

- Regular periodic water quality assessments are performed,
- measures are taken to strengthen current water management procedures,
- actions are taken to sanitize water coolers
- wastes produced in each department are quantified, and data is prepared for efficient waste management on campus.
- Solar sensitive lamps are installed in the campus.
- Students and staff are given strict instructions to follow green protocol.
- A new incinerator and vending machine has been installed to meet the increasing needs of waste management.
- Rainwater harvesting installed carefully.

ACHIEVEMENTS :

- **Earth Day** Initiative by Students and Teachers
- **World environment Day** Initiative by Students and Teachers
- **Environmental awareness** programs initiative by students and Teachers.
- Environment awareness became more acute in Staff and students
- Students enthusiastically engage in green projects and eco-friendly efforts through their design projects.



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