

P.G.D.A.V. College

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Supporting document

for

Self Study Report, 2018-23
Criterion 7.1.2
Report and Circular on Sustainable Campus

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Sustainable Campus Initiatives: A Comprehensive Academic Report on PGDAV College's Environmental and Inclusive Paradigm

This academic report delves into the multifaceted initiatives undertaken by PGDAV College to create a sustainable and inclusive campus environment. From alternative energy sources to waste management, water conservation, and accessibility, the college has strategically implemented measures to exemplify ecological probity and advocate for conscientious practices.

1. Energy Conservation Initiatives:

PGDAV College orchestrated a comprehensive suite of endeavors to actualize the imperatives delineated in the initiatives document, specifically pertaining to alternative energy sources and measures for energy conservation. The institutional agenda encompassed the systematic deployment of Light Emitting Diode (LED) lighting infrastructure, superseding conventional luminaires to augment energy efficiency. Furthermore, the integration of sensor-based equipment was judiciously undertaken, contributing to the orchestration of an intelligent and resource-optimized energy consumption paradigm. This strategic confluence of initiatives sought to position the college as an exemplar of ecological probity and advocate for conscientious energy conservation practices.

2. Waste Management:

PGDAV College's conscientious management of varied degradable and non-degradable waste streams commenced with the initiation of the Satark drive. To address biodegradable waste, a compost pit was established, providing an environmentally sustainable avenue for decomposition. In parallel, a robust e-waste management initiative was launched, resulting in the collection of approximately 20 kg of electronic waste from both the staff and students in the academic year 2021-22.

The college implemented an integrated solid waste management system, designed to facilitate responsible disposal practices for non-biodegradable waste. This systematic approach aimed at fostering a culture of waste recycling within the institution, aligning with principles of environmental conservation. Liquid waste management protocols were rigorously implemented to ensure proper disposal and treatment of liquid effluents, adhering to stringent environmental norms and regulations.

These initiatives collectively underscore PGDAV College's unwavering commitment to environmental stewardship by meticulously managing degradable and non-degradable waste streams, thereby contributing to a sustainable and ecologically conscious institutional paradigm.

3. Water Conservation Measures:

The implementation of initiatives outlined in the document for the College included rainwater harvesting, borewell installation, and waste water recycling for irrigating the college sports ground. Various activities were undertaken to execute these plans, involving the coordination of construction teams, procurement of necessary equipment, and the establishment of a systematic water management system. Progress reports were regularly generated to track the milestones achieved during the implementation process. Overall, the initiatives aimed at sustainable water usage in the college premises were successfully executed, contributing to the institution's environmental sustainability efforts.

4. Green Campus Initiatives:

The implementation of the Green Campus Initiatives document involved several key activities. Firstly, there was the restriction of automobile entry on campus, encouraging sustainable transportation. This was complemented by the promotion of bicycles and battery-powered vehicles, fostering eco-friendly commuting options.

Pedestrian-friendly pathways were established to enhance walkability and reduce reliance on motorized transport. Additionally, a ban on the use of plastic was enforced, contributing to environmental conservation and waste reduction. The campus landscape was transformed through extensive planting of trees and plants, aligning with the initiative's goal of creating a greener and more sustainable environment.

These initiatives collectively aimed to reduce the campus's ecological footprint and promote a culture of environmental responsibility.

5. Inclusive Environment Initiatives:

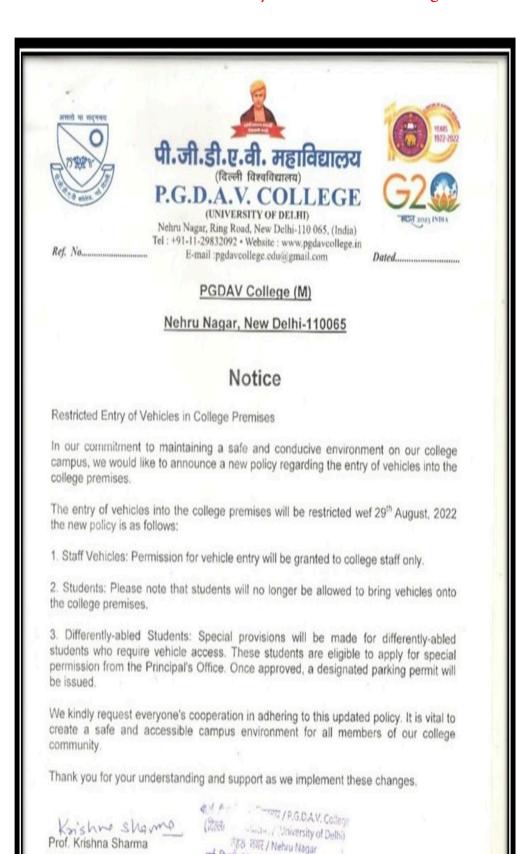
The implementation of the initiatives document commenced with the creation of a disabled-friendly environment. This involved the construction of barrier-free spaces, including wheelchair-accessible washrooms. The built environment was enhanced with the installation of ramps and lifts, ensuring easy access to classrooms.

Signage played a crucial role in improving accessibility. Tactile paths, well-lit areas, display boards, and signposts were strategically placed to guide individuals with disabilities. Additionally, assistive technology was integrated into the facilities. This included the development of an accessible website, implementation of screen-reading software, and the introduction of mechanized equipment to aid persons with disabilities.

These comprehensive measures aimed to create an inclusive and accommodating environment for individuals with diverse needs. The implementation process focused on enhancing both physical and technological aspects to foster a more accessible and supportive space for everyone.

In conclusion, PGDAV College's comprehensive initiatives showcase a holistic commitment to environmental stewardship and inclusivity. The successful execution of these measures positions the institution as a model for sustainable practices and an advocate for creating an inclusive academic environment.

Circular on Restricted Entry of Vehicles in College Premises



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Principal