



# Sunbeam Women's College Varuna

(Affiliated to M.G. Kashi Vidyapith, Varanasi)  
904/1, Central Jail Road, Sikraul, Varanasi-221002  
www.sunbeamwcv.com email : info@sunbeamwcv.com

Policy Title: <u>Green Campus/Plastic Free Campus</u>		
1.	Administrative Policy Number (APN): 01/GC/2018-2019	Functional Area:  Energy, Green Campus, Water and Waste management
2.	Brief Description of the Policy:	Purpose: To work on Green campus and environment friendly and sustainable approach for college functioning and actions  Audience: All  Students/Employees/Stakeholders.
3.	Policy Applies to:	Whole campus green activities and action
4.	Effective from the Date:	September 2018
5.	Approved by:	Local Managing Committee (LMC)
6.	Responsible Authority	Green campus Management Team
7.	Superseding Authority	Principal
8.	Last Reviewed/ Updated:	New policy
9.	Reason for the policy	Sustainable and ecofriendly green initiative matters by college
10.	References for the policy	UGC/ NAAC/ University/ RUSA, etc







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## Introduction

Sunbeam Women's College Varuna is fully committed to environmental conservation in every possible way. The college has established various Committees and Clubs dedicated to different aspects of environmental management and conservation, including the CSR activities, Swachhata & e-Waste Management Committee, Social Club, Eco Science Club and BHUMI club. These groups organize seminars, workshops, and training sessions, as well as engage in cleanliness drives focused on waste segregation and management, water conservation, carbon footprint reduction, plastic waste recycling, e-waste management, plantation drive and circular economy practices within the college campus and nearby community. Through these initiatives, we aim to foster a culture of conservation, cleanliness, and sustainable practices in and around the college campus. To ensure a clean and green environment, we have implemented sustainable measures for environmental preservation and efficient energy consumption throughout the campus area. This policy serves as a guiding principle for fulfilling our responsibilities and commitment to environmental protection and minimizing our ecological footprint.

## Objectives:

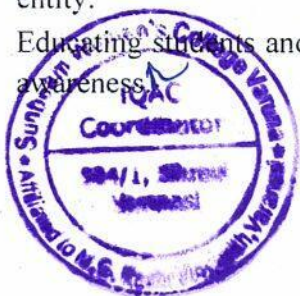
- Implementing and managing green and environmentally sustainable practices within the campus area.
- Creating environmental awareness among students by increasing their understanding of the local flora and fauna, the importance of conserving natural resources, and proper waste management practices.

To achieve these objectives and promote a better environment, we actively engage students in various environmental activities and programs. These initiatives are carefully designed and structured to convey a clear and impactful message to students and the community about the management, protection, and preservation of the environment and natural resources. Here are some examples of the environmental activities and programs conducted at the college:

### 1. Energy conservation and management:

To foster a greener environment, promote sustainability, and reduce energy consumption, educational institutes should establish long-term objectives. These goals include:

- Implementing programs and policies that transform the institution into a carbon-negative entity.
- Educating students and employees about environmental issues and sustainability to raise awareness.







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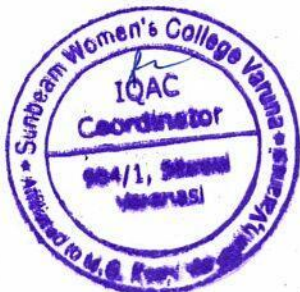
- Responding effectively to emerging challenges in the energy sector and contributing to the sustainable development of the state and country.
- Embracing sustainable energy practices within the educational community to positively impact the ecosystem.

The college is firmly dedicated to managing energy in a systematic manner to minimize its environmental impact. The institution strongly advocates for the exploration of renewable energy resources as a means to alleviate the government's burden and address the energy crisis by identifying substitute natural resources.

This comprehensive environment and energy policy applies to all aspects of the institution, involving all its components and stakeholders. Its implementation aims to infuse efficiency and environmental awareness into our day-to-day operations, enabling us to fulfill our responsibilities and commitment to the conservation of natural resources and the reduction of their usage.

Through these collective endeavors, SWCV strives to create a sustainable future, reduce environmental impact, and foster a heightened sense of responsibility and awareness among its community members. For which we will be following energy policies mentioned below:

- Conduct of assessments of energy usage to understand and mitigate environmental impact.
- Installation and deployment of Photovoltaic solar panels and promotion of use of renewable energy sources.
- Creating awareness among staff members for efficient use of electricity by putting signages/placards.
- Efficient use of natural daylight and energy efficient LED bulbs and other equipment.
- Plantation drives to contribute to environmental conservation.
- Use of advanced technology to minimize energy consumption, atmospheric emissions, and noise levels.
- Promotion of awareness towards emerging environmental and energy issues.
- Training and resources to enhance the skills of our employees and students, aiming to improve our energy-saving measures.
- Outreach programs as CSR activities related to clean source of energy and spreading awareness among people.
- Use of CNG college buses for transportation.







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## 2. Management of the various types of degradable and nondegradable waste

- Collaborations will be established with agencies and NGOs to manage recyclable waste generated on a larger scale within the college.
- Proper waste segregation is ensured through the installation of dustbins at strategic locations throughout the campus.
- Categorization of solid waste into biodegradable and non-biodegradable materials.
- A compost unit for converting, converting canteen waste, leaves, grass, organic waste, and other sources into compost.
- Adherence to guidelines for the treatment and disposal of biological and chemical waste.
- Prohibition of use of single-use plastic items such as carry-bags, glasses, and spoons on campus.
- Collaboration with NGOs and Government bodies for organizing drives related to environmental safeguard.

## 3. Water conservation and Management

Water is an essential and fundamental requirement for all life activities, including agriculture, domestic use, and socio-economic endeavors. The water management policy at the College encompasses all water-related activities on campus. Water conservation systems are in place at campus by rain water harvesting system. A comprehensive water management policy is necessary to ensure the distribution of high-quality water from conservation sources at the College.

- Setting up a functional Rainwater Harvesting unit to conserve water resources.
- Ground water discharge contributing to the rise in the groundwater table.
- Regular inspections to identify any leaks or drainage issues in taps, and immediate repairs are undertaken to prevent the wastage of potable water.
- Adequate facilities for a clean drinking water system, ensuring access to safe and clean water for all.

## 4. Green campus Initiative

- Organizing plantation programs focusing on a diverse range of ornamental, medicinal, and wild plant species to increase oxygen levels.
- Establishment and maintenance of Botanical Garden to conserve medicinal plants.





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- Greeting guests and visitors with saplings of various plants or herbs grown in the college nursery.
- A green and environmental audit to assess and develop an environmental sustainability framework that complies with relevant regulations, policies, and standards.
- Minimizing paper usage on campus, with internal communication relying on email and electronic messages, fostering a paperless work environment.
- Encourage the use of bicycles, public transportation, and pedestrian-friendly roads to reduce local air pollution emissions.
- Prohibition of tobacco and tobacco products on college premises, with strict penalties in place.
- Encouraging students to adopt environmentally friendly practices both on campus and in their daily lives at home.

## The Green campus Management Team consists of:

1. Principal
  2. Administrator
  3. NAAC Coordinators
  4. Interested Faculty and Technical Staff of SWCV
  5. Plumbing Supervisor of SWCV
  6. Advisory team, including water resource engineering experts from various prestigious organizations.
  7. Eco-Science Club
5. **Disabled-friendly, barrier free environment**  
Separate policy for Divyangjan has been created.

