



SWAMI VIVEKANANDA INSTITUTE OF MODERN SCIENCE

Sonarpur Station Road, Karbala,
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Kolkata - 700 103
An ISO 9001:2008 Certified Institute

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College Code: 264
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Policy Document on the Green Campus/Plastic-free Campus

An institution has the chance to redefine its environmental culture and save the ecosystem by adopting the green campus concept. Exciting new co-curricular and extracurricular activities that empower students and staff to take the initiative in bringing about good change will be developed under the Green Campus and Environment Policy. With its green campus activities, Swami Vivekananda Institute of Modern Science (SVIMS), Kolkata, is environmentally concerned and upholds a clean, pollution-free campus. A green campus is one where sustainable and eco-friendly practices are encouraged on campus through a combination of environmental education and activities. Through the implementation of the green campus concept, an institution can redefine its environmental culture and develop new paradigms by establishing sustainable solutions to suit the demands of the environment, society, and economics.

Scope of the Policy

The focus areas of this policy are:

- ❖ Clean Campus
- ❖ Landscaping
- ❖ Clean Air
 - Smoking Free Campus
- ❖ Infrastructure
 - Solar Power Plant
 - Installation of Energy Efficiency Equipment
 - Water Conservation through Rainwater Harvesting System
- ❖ Waste Management processes
 - Solid Waste Management
 - Liquid Waste Management
 - E-Waste Management
- ❖ Policy on Green Audit and Energy Audit
- ❖ Plastic-Free Campus

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Objectives of the Policy

- ❖ To protect and conserve ecological systems and resources within the campus.
- ❖ To ensure judicious use of environmental resources to meet the needs and aspirations of the present and future generations.
- ❖ To integrate environmental concerns into policies, plans and programmes for social development and outreach activities.
- ❖ To work with all stakeholders and the local community to raise awareness and seek the adoption of environmental good practices and the reduction of any adverse effects on the environment.
- ❖ To continuously improve our contribution to climate protection and adaptation to climate change and the conservation of global resources.
- ❖ To continuously improve the efficient use of all resources, including energy and water, and to reduce consumption and the amount of waste produced, recovering and recycling waste where possible.
- ❖ To make the campus plastic-free.
- ❖ To conduct environmental and energy audits from time to time.
- ❖ To minimize the use of paper in administration through having a policy for e-governance.

Policy on Clean Campus

SVIMS had pledged to actively coordinate cleanliness activities in the institute and beyond the campus following the vision of Swachh Bharat Abhiyan. SVIMS commits to continuing with this Program. The broad vision is as follows:

- ❖ Generating mass awareness of cleanliness and hygiene amongst students and staff members by holding regular cleanliness drives. The idea is to motivate them, contribute proactively.
- ❖ Activities under 'Swachh Bharat Abhiyan' are a key component of all the community work being done by NSS, NCC and Red Cross volunteers of the institute.


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- ❖ Staff Members will be encouraged to participate in the cleanliness drive on the college campus.
- ❖ Events such as poster and slogan competitions, essay writing, spoken word poetry, speeches, and skits on 'Swachh Bharat' will be organised.
- ❖ Rallies on themes connected with 'Swachh Bharat Abhiyan' in and around the college campus will be conducted to create mass awareness.
- ❖ Remove all kinds of waste material like broken furniture, unusable equipment, etc.
- ❖ Administer the pledge by students and staff members to maintain the cleanliness of the college campus and its surrounding areas on an annual basis.
- ❖ Conduct workshops on the Reduce, Reuse and Recycling of waste.
- ❖ Commit to managing waste and maintaining a clean campus, especially during college events.


Landscaping Policy

Sustainable infrastructure is a vital part of the college campus, providing space for study, play, outdoor events, relaxation and aesthetic appreciation. Green campus and landscape also help to recharge groundwater, and clean and cool air on campus. The college commits to enriching this healthy habitat and maintaining the symbiotic relationship of the institution with nature by

- ❖ Organizing annual tree plantation drives
- ❖ Encouraging student societies to hold tree-planting events

Clean Air Policy

The institution encourages students and staff to use public transportation. Also encourage carpooling, an activity that will control air pollution and strengthen social interaction. Smoking and burning of garbage are strictly prohibited on campus. The abundant natural landscape not only cleans the air on campus but also becomes an extension of the green lungs of the city.


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Policy on Infrastructural Facility

❖ Renewable Sources of Energy

SVIMS is dedicated to minimising and sustainably managing its use of electricity. The college believes in reducing the consumption of electricity produced by non-renewable resources by switching to clean energy sources like solar energy for purposes like lighting the campus.

❖ Energy Saving and Energy Efficient Equipment

SVIMS commit to installing environment-friendly electrical appliances that save energy and reduce wasteful inefficiencies. The college believes in using cleaner energy such as LED lighting.

❖ Water Conservation through Rainwater Harvesting System

As an institution located in the rural area of Kolkata, the area that has seen the maximum fall in groundwater levels. SVIMS has committed itself to this effort to replenish the groundwater table by practising rainwater harvesting. This practice helps in the replenishment and recharge of the groundwater.

Policy on Waste Management Processes

With its aim to provide holistic education that also has a positive impact on the environment, the college will adopt practices that will mitigate the generation, and manage solid waste through the following methods:

❖ Solid Waste Management

- Systematically engage with the environment friendliness (Reduce, Reuse and Recycle).
- Collect paper waste produced on campus and collaborate with scrap dealers for recycling.
- Reduce solid waste by developing a technology-centric teaching and administrative model.

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- Reduce the use of paper by supporting the digitization of attendance and internal assessment records.
- Reduce the requirement for printed books by updating the e-books and e-journals collection of the college library.
- Encourage the students and teachers to use emails for assignment submissions.
- Take initiatives to spread awareness amongst students about
 - Food wastage and ways of minimizing it
 - Minimizing the use of packaged food
 - The habit of reusing and recycling non-biodegradable products
 - Organizing workshops for students on solid waste management.
- ❖ **Liquid Waste Management**
 - Maintain leakproof water fixtures.
 - Continued employment of a caretaker to take immediate steps to stop any water leakage through taps, pipes, tanks, toilet flush, etc.
- ❖ **E-Waste Management**

SVIMS ensures that its usage of technology and generation of e-waste does not impact the environment. For this purpose, the college plans to strive towards:

- More provisions for the disposal of institutional e-waste.
- Collaboration with e-waste recycling companies to get electronic waste recycled.
- Awareness amongst students about the reduction of e-waste and environment-friendly disposal practices for e-waste.
- Encouraging department and society-level activities on e-waste management.

Policy on Green Audit and Energy Audit

SVIMS aims to conduct a Green Audit by an external agency to assess strengths and weaknesses for long-term sustainability. A green audit is a useful tool to determine how and where most energy or water resources are being used. The college can then consider how to implement changes and make savings. It can determine the type and volume of waste. Green auditing will


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promote financial savings through a reduction in the use of resources. Recycling projects or waste minimization plans can be adopted. It will create health consciousness and promote environmental values and ethics. It provides a better understanding of the impact of eco-friendly practices on campus. Green auditing will promote financial savings through the reduction of resource use. The college must evaluate its contributions toward a sustainable future.

An Energy Audit is carried out by an external agency to reduce carbon footprint. The energy audit, with its specialized tools, will identify waste of energy. Such an inspection often reveals several different flaws, which cause a loss of significant amounts of energy that the college will not be able to detect. These flaws often have easy and affordable solutions and provide significant savings.

Policy on Plastic free campus

Because of the Government of India's resolution to ban all single-use plastics due to the hazardous impact of plastic use and pollution, the college administration strictly bans the use of single-use plastics in its premises to make it a 'Plastic Free Campus'.

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