



SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

Indore-Ujjain State Highway, Indore - 453111

www.svvv.edu.in



Policy Document

on

Infrastructure, Energy and Environment

Foreword

External conditions influence the growth and development of people, animals and plants. According to Douglas and Holland, the term environment is used to describe, in the aggregate, all the external forces, influences and conditions, which affect the life, nature, behavior, growth and development, and maturity of living organisms. Sustainable development and use of clean energy in the direction of minimum impact on the environment is responsibility of each and every citizen and organization.



In order to achieve sustainable development in all sectors, National Environment Policy was made in 2006.

The key objectives of the policy being:

- Conservation of Critical Environmental Resources
- Intra-generational Equity: Livelihood Security for the Poor
- Inter-generational Equity
- Integration of Environmental Concerns in Economic and Social Development
- Efficiency in Environmental Resource Use
- Environmental Governance
- Enhancement of Resources for Environmental Conservation

This Policy focuses on collaborative work of the state and every citizen, and public participation in maintaining the livable environment and preserving the environment for future generations.

Shri Vaishnav Vidyapeeth Vishwavidyalaya Infrastructure, Energy and Environment Policy (SVVV-IEEP) is designed to ascertain the protection of environment and minimize the carbon footprint of the university. The university is committed to spread awareness to preserve the environment through teaching - learning process and contribute towards a green tomorrow.

A handwritten signature in blue ink, appearing to read 'Upinder Dhar'.

Dr. Upinder Dhar
Vice Chancellor

Purpose

Environment Policy of SVVV gives a direction to sustainable functioning of the university. The policy highlights the key areas of improvement and provides sustainable solutions.

1. Objectives:

- To safe guard the university's ecological systems and natural resources.
- To ensure that environmental resources are used wisely in order to satisfy the needs and ambitions of both the present and future generations.
- Including environmental issues in policies, programs, and initiatives for outreach and social development.
- To collaborate with all parties involved and the neighborhood in order to increase awareness, encourages the adoption of environmentally sound practices and lessens any negative effect on the environment.
- To continually enhance our contribution to resource conservation and environment protection.
- To consistently increase the effective use of all resources, including water and energy, and to cut back on consumption and waste production while recovering and recycling waste whenever practical.
- To eliminate plastic from campus.
- To periodically under take audits of the environment and energy use.
- To reduce the use of paper in administration by establishing an E-governance policy.

2. Actions and Activities for Environment and Energy Conservation

- To evaluate how much energy we use and how it affects the environment.
- To calculate the amount of CO₂ emissions produced by vehicles.
- To employ environmentally friendly vehicles, such as bicycles, public transportation, and pedestrian-friendly road ways, and to lower local air pollution emissions.
- To put in solar photo voltaic panels for producing alternative energy.
- To deploy sensor-based lighting and LED bulbs on the entire campus.
- To create a methodical waste management system.

- To create a rain water collection system.
- To organized rives for plantation of trees.
- To guarantee that the resources we need to accomplish our goals are available.
- To promote the utilization of cutting-edge technologies in order to reduce energy usage, air pollutants, and noise, notably from the vehicles.
- To actively collaborate with local organizations in the fields of environment, energy efficiency, and sustainable development. This includes having conversations with municipal corporations, government agencies, and other groups.
- To keep track of new environmental and energy-related challenges and take action.
- To enhance the environmental knowledge and expertise of the staff and students in order to enhance our own environmental performance.
- To offer training opportunities and information on energy-saving techniques.
- To provide chances for workers and students to participate in projects that advance environmental protection.

3. SVVV's Environmental Policy will be pursued through the following Priority Areas:

A. Water Management

Employ efficient management techniques to save water and lower consumption.

Using the minimum amount of water necessary for its operations while ensuring that the water it does use is both supplied and disposed of in the clean form.

A permanent water conservation scheme would be put in place to monitor usage, stop leaks, and eliminate excessive or futile use.

Putting in rain water harvesting systems in all building store plenish ground water supplies and ensure water independence.

It would also encourage the revival of conventional ground water recharge techniques as well as artificial recharge.

Encourage leaks to be reported and quickly fixed.

Hiring a care taker who will act quickly to halt any water leaks from tanks, faucets, pipelines, and toilet flushes, among other things.

In its gardening endeavors, the institution shall encourage the use of water-saving techniques such as sprinkler or drip irrigation.

- Recycled waste water from reverse osmosis (RO) systems will be utilized in rest rooms.

B. Solid Waste Management

- The university will make every effort to reduce waste production, including decreasing the purchase of new materials, recycling and reusing current resources, and, if these efforts are unsuccessful, disposing of trash in a way that has the least negative effects on the environment.
- Use of plastic to be discouraged on the university campus.
- Dustbins and waste containers to be placed wherever they are required.
- Solid waste composting in hostels, guest rooms, and canteens.
- Hazardous and electronic trash to be handled, moved, and disposed of correctly and through authorized channels.
- The university shall utilize the least amount of hazardous chemicals and harmful cleaning agents.
- The university is committed to a thorough recycling program as the last step in solid waste reduction and as a strategy to turn waste into a resource.
- It will create waste-to-composting and bio-mass resource recovery program, as well as separate, recycle, and use its solid wastes.
- Systematically practice the 3Rs of environmental friendliness (Reduce, Reuse and Recycle).
- Collect paper waste produced on campus and recycle it in coordination with scrap dealers.
- Create a technology-focused instructional and management approach to cut down on solid waste.
- Less paper to be used by encouraging the digitization of attendance and internal assessment records.
- To update the collection of electronic books and journals at the university library to lessen the need for physical books.
- Encourage both students and teachers to submit assignments via email.
- Take measures to increase the understanding of students about wastage of food and methods for decreasing it.
- Holding solid waste management workshops for students.

- Reducing the use of packaged foods and the propensity to reuse and recycle non-bio degradable material.

C. E-Waste Management

The university guarantees that neither its use of technology nor its production of e - waste harms the environment. The university plans to pursue the following objectives:

- Additional plans for disposing of institutional electronic trash.
- Collaborating with companies that recycle electronic waste.

Student knowledge of ecologically friendly e-waste disposal methods and e-waste reduction strategies.

- Supporting societal and departmental e-waste management programs.

D. Air Quality Management

- Maintain healthy vegetation to improve campus CO2 sequestration.
- Open spaces with grass and a lawn should be used to decrease dust.

Clean Air Initiatives: We encourage all of our staff and students to use public transportation. We encourage using a carpool to lessen pollution and foster social interaction.

- Smoking is not permitted on university property, including the use of any other tobacco products.

E. In Campus Transport

The university shall minimize the environmental pollution by introducing pollution free campus. This will be done by promoting use of bicycle for students, staff members; Electric vehicle will also be used inside the campus which is run by electricity generated through solar energy.

F. Biodiversity

The university shall carefully investigate different plant species and plant the trees to attract different species of birds. As a step to conserve flora and fauna university shall initiate small scale bee farming.

G. Reduce Carbon Footprints

- Encourage the use of numerous carbon-reduction strategies.
- Energy-efficient green building designs that keep an eye on the outside light and temperature.
- Using the RRR strategy (Reduce, Reuse, and Recycle) to reach zero waste.
- Green computing to reduce the use of paper.
- Making use of energy-efficient tools and lighting.
- An increase in the campus's natural vegetation.

H. Acquisition of Sustainable Resources

The university is aware that choosing which resources to buy is one of the most crucial ways it can show its dedication to environmental stewardship. When purchasing goods and services, the university will balance maintenance, life cycle, and environmental expenses in an effort to achieve the greatest value for its money.

A stringent purchasing policy for the university shall mandate that it looks for goods and services that have minimal negative effects on the environment during all stages of production, distribution, packaging, use, re-use, recycling, and disposal. Avoiding the use of any potentially hazardous materials and pressuring suppliers to make environmental performance improvements.

I. Environmental Audit

The university will make every effort to provide training that will benefit both staff and students in order to meet the needs of environmental audits. The institution will keep abreast of upcoming developments in global contexts and be on the lookout for chances to engage with auditing organizations.

J. Environmental Education, Training and Awareness

Outreach and education are crucial to ensuring that everyone on campus is aware of the goals of the policy and can contribute to its implementation. To guarantee that the Green Campus, Energy, and Environment

policies are efficiently implemented, the university supports and encourages awareness campaigns, seminars, workshops, conferences, and other interactive sessions.

Environment- Centric Student Clubs and Departmental Events will be Encouraged

The university encourages all constituent institutes to host events, competitions, and training sessions that will lead to positive environmental improvements at the grassroots level, as well as specific student groups like Micro Zone, Eco-club, Plant, Planet, and others. To assist students in becoming enthusiastic environmental defenders and environmentalists, the institution collaborates with institutes and student clubs.

Institutes and Student Clubs

Students are joining more Micro Zone, Eco-club and Plant, Planet as a result of institutional change towards sustainability and ecologically responsible behavior. Making the society required will offer it a bigger platform to spread awareness of the institution's environmental principles. The green projects and practices that are a part of this approach will be able to grow quickly since compulsory societies require a specific amount of time and attention.

Conduct a Green Audit

In order to achieve our long-term sustainability objectives, the institution plans to conduct a Green Audit/Energy Audit of our university campus on a regular basis to assess our strengths and weaknesses. You can determine how and where you waste the most energy, water, or resources by conducting a green audit. After that, the university can consider ways to save money. It can inform you of the type and quantity of waste you have. Projects for recycling or waste minimization can be implemented. It will spread awareness of health issues as well as environmental ethics and ideals. It aids students in understanding the effects of campus environmental practices. By using fewer resources, green auditing can help you save money. The university shall evaluate its own contributions to the long term future.

Plastic-free Campus

Since its inception, university has complied with the vast majority of its solid waste management obligations. The university management strictly forbids the use of single-use plastics in its campus in order to make it a "Plastic Free Campus" in light of the Indian government's decision to outlaw all single-use plastics due to the negative impacts of plastic use and pollution.

Clean Campus Initiatives

The university is committed to aggressively coordinating clean lines initiatives both on and off campus in keeping with the Swachh Bharat Abhiyan's goal. It promises to continue this initiative. The general vision is as follows:

- By holding regular cleanliness drives, teaching faculty and employees about the value of clean lines and hygiene. The intention is to motivate them to make contributions proactively.
- Employees will be urged to take part in the university's cleanliness campaign.
- On the subject of "Swachh Bharat", contests will be organized for posters and slogans, essays, spoken word poetry, speeches, and skits.
- Rallies on the Swachh Bharat Abhiyan will be staged on and near the university campus to increase public awareness.
- Eliminate any waste products, such as worn-out machinery and defective furnishings.
- Every year, enforce the staff and student pledge to maintain in the cleanliness of the university campus and its surroundings.
- Conduct workshops on the 3Rs: recycling, reusing, and garbage reduction.
- Commit to managing trash and maintaining a clean campus, especially during university events.

Landscaping Initiatives

Like its buildings, the campus environment of a university can be seen as a physical representation of its values. It is a crucial component of campus life since it provides possibilities for education, leisure, outdoor pursuits, rest, and aesthetic enjoyment. Green campus landscaping also helps to filter and chill the air on campus, reduce runoff, and recharge groundwater. The environment serves as a physical representation of the university's commitment to environmental responsibility. In addition to many acres of grass, the campus has more than 50 different plant and tree types. The landscape of trees and plants offers visitors, students, and employees afresh, cool ambiance as well as a tranquil setting.

The university encourages environmental consciousness by planning routine tree planting campaigns and encouraging students to hold tree planting events.

K. Environmental Awards

An institution encourages participation in various competitions where different agencies will give awards for initiatives in green cover, clean campus, environmental and sustainable development, among other things.

L. Energy Conservation

- When at all feasible, cut back on your electrical usage.
- Light-bulbs that useless energy are gradually being substituted.
- Solar water heating systems are suitable for guest houses and hostels.
- Promoting the use of natural light to conserve energy.

M. Renewable Sources of Energy

The university is dedicated to managing its electricity use in a sustainable way. The institution is dedicated to reducing the amount of non-renewable energy used by switching to clean energy sources like solar energy for things like campus lights.

Equipment that is energy efficient and saves energy. We commit to putting in energy-saving, trash-reducing electrical appliances that are environmentally friendly. The institution supports the use of eco-friendly energy sources, like LED lighting.

Through internal channels, this policy will be distributed to the staff and students, and it will be posted on the institution's website for all parties to access. The several Committees established for the purpose will regularly evaluate the Environment and Energy Policy, objectives, and targets.

Implementation of the policy

- The university shall set up a committee on energy conservation and sustainable campus development consisting of academic staff and student volunteers.
- Budget shall be sanctioned by the university for implementation of environmental policy.

The role of committee

- Oversee the implementation of policy.
- Periodical inspection on the basis of issues given in the policy.
- Spread the awareness between staff and students.
- Monitor the progress in priority areas.
- Make sure that during any construction and redevelopment activity all the precautions has to be taken to minimize the harm to the environment.
- Identification of new techniques to create better environment.

Committee for the implementation of the policy:

S.no.	Name	Designation
01	Prof. Ar. Vishal Yardi	Chairperson
02	Prof. Sudharshan Dube	Member
03	Prof. Anil Jain	Member



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