



Estd. 2008

Vidyabharti Sanstha, Wardha's **Vidyabharti College, Seloo**

(Art's, Commerce & Science)

Th. Seloo, Wardha - 442 104

College Index :

Sr. - 868

Jr. 07.08.006

Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

Ref.No. Vbcs / /

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The Green, Energy and Environment Management Policy

Vidyabharti College, Seloo now known as Dr. R. G. Bhojar Arts, Commerce & Science College, Seloo from 2021. The college is committed to impart quality education and to improve overall personality of the rural youths and make them to face the challenges of the competitive modern world. The institute has the Best Rural College and succeeded in carving a niche for itself in the field of education and has earned the trust and confidence of the society mainly because of its quality and value based education. The institute is located at rural area in Seloo and caters to need of 135 villages. The campus sprawling 6 acres with natural environment. The campus can be categorized as playgrounds, lawns and gardens.

Scope of the Policy

The Green Campus, Energy and Environment Policies will develop exciting new co-curricular and extracurricular practices that encourage students to take the lead in creating positive change. These initiatives call for a thorough review of all infrastructural, administrative functions from the standpoints of energy efficiency, sustainability and the environment.

The focus areas of this policy are:

- Clean Campus Initiatives
- Landscaping Initiatives
- Gardening
- Clean Air Initiatives
- Infrastructure
- Installation of Energy Efficiency Equipment and solar power plant
- Water Conservation through Rainwater Harvesting System.
- Waste Management processes (Solid Waste Management, Liquid Waste Management, E-Waste Management)
- Awareness Initiatives
- Environment-centric Student Societies and Department Activities
- Green Audit
- Energy Audit
- Water Audit
- Plastic-Free Campus

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 practice and the reduction of any adverse effects on the environment.
- To continuously improve our contribution to climate protection and adaptation to climate change and to 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, water and energy audits from time to time.
- To minimize the use of paper in administration through having policy for E-governance.

Policy:

Clean and Green Campus Initiatives

The college has actively coordinate cleanliness activities in the college and beyond the campus in accordance with the vision of Swachh Bharat Abhiyan. It commits to continue with this Programme. The broad vision is as follows:

- Generating mass awareness on cleanliness and hygiene amongst students and staff members by holding regular cleanliness drives. The idea is to motivate them to contribute in a proactive manner.
- Activities under 'Swachh Bharat Abhiyan' will be a key component of all the community work being done by NSS and Nature club volunteers of the college.
- Staff Members will be encouraged to participate in the cleanliness drive in the college campus.
- Events such as poster and slogan competitions, essay writing, spoken word poetry, speeches, 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 of the pledge by students and staff members to maintain cleanliness of the college campus and its surrounding areas on an annual basis.
- Conduct workshops on the 3Rs: Reduce, reusing and recycling of waste.
- Commit to manage waste and maintain clean campus especially during college events.
- Organizing annual tree plantation drives.
- Encouraging student societies to hold tree planting events.

Clean Air Initiatives

We encourage our students and staff to use public transportation. We encourage carpooling to college, an activity that will control air pollution and strengthen social interaction. In compliance with the framework provided by the National Tobacco Control Programme (NTCP) 2007-2008, the college prohibits smoking and the use of other tobacco products.

Infrastructural Initiatives

➤ **Renewable Sources of Energy**

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

➤ **Energy Saving and Energy Efficient Equipment**

We commit to install 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 area that has seen maximum fall of ground water levels, The College has committed itself to this effort to replenish the groundwater table by practicing rainwater harvesting. This practice helps in the replenishment and recharge of the groundwater.

Waste Management Processes

The college strives to have a minimal impact on the environment and is dedicated to reduce and manage the waste generated by the college campus. The following specific procedures will be undertaken to ensure institutional contribution in protecting the environment.

Solid Waste Management

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.

- ✓ Systematically engage with the 3Rs of 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. Reduce use of paper by supporting digitization of attendance and internal assessment records. Reduce requirement of 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 leak proof water fixtures.
- ✓ Minimize the use of water by constructing more Indian style toilets instead of western style toilets.
- ✓ Continued employment of a caretaker to take immediate steps to stop any water leakage through taps, pipes, tanks, and toilet flush etc.

E-Waste Management

- ✓ More provisions for the disposal of the institutional e-waste.
- ✓ Awareness amongst students about reduction of e-waste and environment friendly disposal practices for e-waste.
- ✓ Encouraging department and society level activities pertaining to ewaste management.

Awareness Initiatives

Outreach and education are of utmost importance so that all members of the campus community may value the objectives of the policy and aid in its implementation. This is why institute supports and encourages awareness campaigns, seminars, workshops, conferences and other interactive sessions to facilitate effective implementation of the Green Campus, Energy and Environment policies.

Environment-centric Student Societies and Department Activities

Institute encourages all the departments and specific student societies like Nature club, NSS, and others to organize events, competitions and training sessions that will bring about positive environmental changes at the grassroot level. The college supports departments and student societies in moulding the students into active agents of environment protection and conservation.

Nature Club

Institutional changes towards sustainability and eco-friendly practices have percolated down to the students which have led more and more students to join Nature club. Making the society a compulsory one will provide it a bigger platform to broadcast the institution's environmental values to raise awareness. Because compulsory societies expect the fulfilment of a specified number of hours of work and commitment, this will aid the green initiatives and practices that are a part of this policy to grow exponentially.

Conduct Green Audit

The college aims to regularly conduct a Green Audit of our college campus to assess our strengths and weaknesses to further our goals of long-term sustainability. A green audit is a useful tool to determine how and where most energy or water or 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. 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 reduction of resource use. It is imperative that the college evaluate its own contributions toward a sustainable future.

Conduct Energy Audit

An Energy Audit to be conducted as and when required to further reduce its use of sustainable energy. The importance of reducing energy consumption cannot be overstated. The energy audit, with its specialized tools will identify wastage of energy. Such an inspection often reveals several different flaws which cause a loss of significant amounts of energy which the college will not be able to detect. These flaws often have easy and affordable solutions and provide significant savings.

Plastic-Free Campus

College has been observing most of its duties in terms of solid waste management since its inception. In view 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 premise to make it a 'Plastic Free Campus'.




PRINCIPAL
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Energy, Environment and Green Audit Committee

Aim- The main aim of the energy, environment and green audit is to promote the Environment management and its conservation in the college campus. The purpose of the audit is to identify, quantify, describe and prioritize framework of Environment sustainability in compliance with the applicable regulations, policies and standards.

Objectives-

- 1) To implement environmental policies.
- 2) To identify needs, strengths and weaknesses.
- 3) To measure environmental performance.
- 4) To promote environmental awareness.
- 5) To improve safety and health in Institution
- 6) To Conserve natural resources.
- 7) To reduce waste.
- 8) To assess regulatory requirements of Institution.
- 9) To place environmental information to the public.

Mechanism-

The green audit policy of Vidyabharti College, Seloo practically follows energy conservation, use of renewable resources, rain water harvesting, planting trees, waste management etc. In our institution this policy maintains data collection, systematic identification and recording of all components related to sustainable development for future generations. Our focus is on reduction of cost and conservation of energy supply, encourage and enhance the awareness for flora and fauna in and around the campus, reduce and reuse the water consumption, to reduce the soil contaminations etc. The target areas included in this green auditing are water, energy, waste and green campus.

Chairman of the Committee- Dr. Sanjay S. Kanode

Convener of the Committee- Dr. K. P. Ganvir

Water Audit – Prof. Wasim Khan, Dr. Karuna Ganvir

Green Audit – Dr. Vishal Patil, Dr. Khushal Pathade

Energy Audit – Dr. Abhijit Patil, Dr. Anurag Khupat




Principal

Dr. Sanjay S. Kanode
PRINCIPAL

Vidyabharti College, Seloo