



Navnirman Shikshan Sanstha's

S. P. Hegshetye College of Arts, Commerce & Science

(Affiliated to University of Mumbai & Reco. by Govt. of Maharashtra)

S. M. Joshi Vidyaniketan, P 63, MIDC, Mirjole, Ratnagiri 415 639

Phone: (02352) 228977 / 230812 / 9420250977 E-Mail: navnirmancollege@rediffmail.com

Solid Waste Management

Navnirman Shikshan Sanstha's S. P. Hegshetye College of Arts, Commerce & Science, Ratnagiri recognizes the importance of effective solid waste management in promoting environmental sustainability, health, and the overall well-being of the college community and the surrounding rural area. This policy aims to establish a comprehensive solid waste management framework that ensures the proper collection, segregation, disposal, and reduction of waste.

Objectives:

- Minimize the generation of solid waste through waste reduction, reuse, and recycling practices.
- Ensure the safe and efficient collection, segregation, transportation, and disposal of waste.
- Promote awareness and education about solid waste management among the college community.
- Collaborate with local authorities, organizations, and stakeholders to support sustainable waste management initiatives.
- Continually evaluate and improve solid waste management practices based on technological advancements and environmental considerations.

Policy:

- Promote awareness campaigns & educational programs on waste management
- Participate in awareness campaigns & initiatives organised by the college

Practice

The college has a beautiful and green campus. It has given top priority to keep the campus clean and eco-friendly. The faculty members and students are regularly advised to reduce waste. The students put waste in separate bins kept at different places in the college campus. The NSS volunteers regularly conduct cleanliness campaign in the campus and contribute to keep campus neat and clean. The college has made tie up with a local organiser for waste management.



I/c Principal
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POLICY DOCUMENT ON THE GREEN CAMPUS

Navnirman Shikshan Sanstha's S. P. Hegshetye College of Arts, Commerce & Science, Ratnagiri, which was established in 2001, is a centre of higher education to the youth of Ratnagiri. The majority of the students and college's stakeholders rely mostly on agriculture for their livelihood. This emphasizes the requirement for environmental protection and the maintenance of the harmony between humans and the environment. The college, which is the first door for academic aspirations to the people of this region who desire higher learning, has the fundamental responsibility of protecting and preserving the environment.

A Green Campus is a place where environmental friendly practices and education combine to promote sustainable and eco-friendly practices on the campus. The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of mankind.

Scope of the Policy:

The Green Campus Policies will create innovative new co-curricular and extracurricular activities that inspire students to take the initiative in bringing about change. These initiatives demand a comprehensive evaluation of all administrative, co-curricular and infrastructure tasks from the perspectives of energy efficiency, sustainability, and the environment.

This policy's key areas of focus are:

- Clean Campus Initiatives
- Clean Air Initiatives
- Energy Backup and installation of Energy Efficiency Equipment
- Waste Management measures
- Awareness programmes on environmental protection
- Energy and Environmental Audits

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.





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- To conduct environmental and energy audits.
- To minimize the use of paper in administration through having policy for E-governance.

A. Clean Campus Initiatives

- The college coordinates 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.
- Staff Members will be encouraged to participate in the cleanliness drive on the college campus.
- Events such as poster and slogan competitions, essay writing, speeches, will be organized.
- Commit to manage waste and maintain clean campus especially during college events.

B. Clean Air Initiatives

As part of the initiatives under Institutional Policy on Environment and Green Initiatives:

- Use of State Transport buses as an eco-friendly way is expected from students of the College.
- In accordance with the guidelines established by the National Tobacco Control Programme (NTCP), the college forbids the use of tobacco products, including smoking.
- Promote use of organic fertilizer and compost to maintain vegetation in the campus.
- Avoid the use of pesticides and weedicides on the campus.

C. Renewable Energy Sources and installation of Energy Efficiency Equipment

1. 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 by switching to clean energy sources like solar energy for purposes like lighting the campus.

2. 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.

All the classrooms, library and auditorium in the college building are clearly exposed to sunlight and fresh air. Therefore the institution switches on LED lights and fans only when they are needed.



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E-WASTE MANAGEMENT POLICY

Introduction & Background

Navnirman Shikshan Sanstha's S. P. Hegshetye College of Arts, Commerce & Science, Ratnagiri recognizes the importance of responsible e-waste management in contributing to environmental sustainability and aims to minimize the adverse impact of electronic waste on human health and the ecosystem. This policy outlines the guidelines and procedures for effective e-waste management within the institution.

Objectives

- Promote awareness and educate stakeholders about the hazards of improper e-waste disposal.
- Minimize the generation of e-waste by encouraging responsible consumption and the use of environmentally friendly technologies.
- Ensure the safe collection, storage, transportation, and disposal of e-waste in compliance with applicable laws and regulations.
- Encourage recycling and environmentally sound disposal methods for e-waste.

Responsibilities

1) College Administration:

- Purchase Committee is responsible for overseeing the implementation and enforcement of the e-waste management policy.
- Promote awareness campaigns and educational programs on e-waste management.

2) Faculty and Staff:

- Ensure proper handling, use, and disposal of electronic equipment and devices.
- Promote the reuse and recycling of electronic devices whenever feasible.
- Report damaged obsolete or surplus electronic equipment to the designated authority for appropriate action.

3) Students:

- Participate in awareness campaigns and initiatives organized by the college.
- Encourage the reuse and recycling of electronic devices.

4) E-Waste Collection and Storage

- Clearly label collection points with instructions for proper e-waste disposal.
- Regularly collect e-waste at collection point and ensure secure storage until disposal or recycling





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5) Awareness and Training

- Conduct awareness programs, to educate the college community about e-waste hazards.
- Display informative posters and distribute educational materials to raise awareness about e-waste management.

6) Compliance and Monitoring

- Regularly monitor and evaluate the effectiveness of e-waste management practices.
- Review and update the policy as necessary to align with changing technological advancements and legal requirements.

7) Reporting

- Maintain records of e-waste generation, collection, and disposal activities.
- Submit reports to relevant regulatory authorities as required.



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Liquid Waste Management

Navnirman Shikshan Sanstha's S. P. Hegshetye College of Arts, Commerce & Science, Ratnagiri recognizes the importance of responsible liquid waste management in maintaining a clean and healthy environment for the college community and the surrounding rural area. This policy aims to establish a comprehensive framework for the proper collection, treatment and disposal of liquid waste, while promoting water conservation and minimizing environmental impact.

Objectives:

- Ensure the safe and environmentally sound management of liquid waste generated within the college premises.
- Promote water conservation and the efficient use of water resources.
- Raise awareness and educate the stakeholders about responsible liquid waste management practices.


Policy:

- Promote awareness campaigns and educational programs on liquid waste management.
- Participate in awareness campaigns and initiatives organized by the institution.

Practice:

- The emission of liquid waste in the institution is minimal. As the institution has Arts & Commerce faculties with maximum strength and no science laboratories, the hazardous liquid waste is not generated. The liquid waste generated from Hospitality Studies kitchen, is accumulated into a soak pit.
- The students participate in awareness activities on liquid waste management.




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POLICY DOCUMENT ON WASTE MANAGEMENT

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Scope of the Policy:

Waste management refers to the various schemes to manage and dispose of wastes. It can be by discarding, destroying, processing, recycling, reusing, or controlling wastes. The prime objective of waste management is to reduce the amount of unusable materials and to avert potential health and environmental hazards.

Solid Waste Management

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The emission of liquid waste in the institution is minimal. As the institution has Arts & Commerce faculties with maximum strength and no science laboratories, the hazardous liquid waste is not generated. The liquid waste generated from Hotel Management kitchen, is accumulated into a soak pit. The students participate in awareness activities on liquid waste management.



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POLICY DOCUMENT ON ENERGY USE & CONSERVATION

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Scope of the Policy:

Energy conservation can be achieved in two different ways that include reducing the amount of primary energy consumed to supply the useful energy requirement (energy efficiency), and reducing the end point use of nonessential energy.

This policy's key areas of focus are:

- Energy Backup and installation of Energy Efficiency Equipment
- Awareness programmes on environmental protection
- Energy and Environmental Audits

Objectives of the Policy

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- 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 conduct environmental and energy audits



Renewable Energy Sources and installation of Energy Efficiency Equipment

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A handwritten signature in blue ink, appearing to read "S. P. Hegshetye", with a long arrow pointing to the right.

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Water Distribution Flow Chart

