



Shaneshwar Shikshan Prasarak Mandal's

V P COLLEGE OF PHARMACY, MADKHOL

Tal. Sawantwadi, Dist. Sindhudurg 416510 (Maharashtra)

DTE Code-3490

D. Pharmacy & B. Pharmacy

MSBTE Code-2030

Approved by PCI - New Delhi, Govt. of Maha., DTE - Mumbai & Affiliated to Dr. B. A. T. University, Lonere & MSBTE, Mumbai

ACTION TAKEN REPORTS AND ACHIEVEMENT REPORT AS CLEAN AND GREEN CAMPUS INITIATIVES



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VP College of Pharmacy maintains a strong commitment to environmental sustainability and responsible living practices alongside its primary educational objectives. The institution has incorporated a comprehensive Green, Energy, and Environment Audit into its policy framework to ensure that environmental responsibility remains a central focus.

The institution has undertaken external audits. In recognition of the Institution's efforts for sustainable development. The Institution has successfully undergone Environmental Audit by auditing agency. Experts from this external agency visited the campus to evaluate the institution's environmental practices, energy and water resource utilization, and overall green initiatives.

The comprehensive reports provided by the external agency are carefully reviewed by institutional authorities, leading to the implementation of corrective measures and interventions aimed at enhancing the institution's sustainability practices. This holistic approach underscores the institution's commitment to minimizing its environmental footprint and promoting a sustainable and habitable planet.




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ACTION TAKEN REPORT



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The auditing agency conducted the Green and Environment Audit, Subsequent to the reports provided by these auditing agencies, the following measures have been put into effect:

1. Pursuant to the Memorandum of Understanding (MOU) on E-waste, there is regular collection and recycling of E-waste.
2. Faculty, staff, and students have received clear instructions to disconnect and turn off electrical devices when they are not in use or after using them.
3. Each classroom is equipped with display boards promoting electricity conservation.
4. Solar-sensitive lamps have been installed within the campus to enhance energy efficiency.
5. Regular maintenance checks on various gadgets and equipment have been introduced to optimize their efficiency.
6. Periodic assessments of water quality are conducted on a regular basis.
7. Ongoing efforts have been made to strengthen and improve existing water management practices.
8. Efforts have been made to reinforce and enhance existing water management practices.
9. Both students and staff members are given clear instructions to adhere to Green protocols.
10. A waste management committee has been designated to oversee and ensure proper waste management activities on the campus.
11. Initiatives have been launched to establish effective e-waste management practices, including periodic e-waste collection drives and disposal in accordance with the established norms within the MoU.
12. Regular maintenance of incinerators is conducted.
13. Both students and staff, continues to exhibit a strong interest in tree planting and various environmentally friendly initiatives.



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ACHIEVEMENT REPORT



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Key Achievements as a result of Sensitization Programs:

- ❖ Environment Consciousness awakened among staff and students.
- ❖ Green projects and eco-friendly initiatives are undertaken by students with enthusiasm.
- ❖ Green protocol is strictly maintained.
- ❖ Wheeling to the grid is maintained to utilize alternate energy sources resourcefully.
- ❖ Both staff and students actively engage in the green campus activities.
- ❖ Various awareness initiatives, including Swachh Bharat Abhiyan, rallies, cleanliness drives, tree planting, and campaigns to reduce plastic usage, are regularly organized in and outside the campus to sensitize the staff, students, stakeholders and public of local area.
- ❖ Students take care of the herbal garden.
- ❖ The management, along with staff and students, tends to the vegetable and fruit garden, resulting in the cultivation of healthy organic produce.
- ❖ Students have acquired knowledge about composting and plant care.
- ❖ Creating a balanced ecosystem, natural habitats are provided for birds.
- ❖ The campus has maintained aquariums in natural habitat.
- ❖ Students have been representing college for sustainable development projects.
- ❖ Entrepreneurial start-ups are taken up by students on sustainable development.
- ❖ Communication to staff students and stakeholders is done mainly through online medium to facilitate paperless office.



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Major Practices based on Green/Environment & Energy Audits:

Water conservation:

- ❖ Low-flow plumbing fixtures, such as aerators and water regulators, are installed.
- ❖ Water meter is installed to monitor water consumption by various entities.
- ❖ Water potability is checked on a quarterly basis.

Energy Conservation and Management:

- ❖ Energy meters have been installed around the campus to monitor electricity consumption.
- ❖ The installation of energy-efficient appliances wherever possible is actively promoted.
- ❖ Energy-Saving Measures Implemented:
- ❖ More LED lamps have been replaced in place of TL and CFLs, optimizing energy usage.
- ❖ Planning to install energy-efficient fans in the new floors of the building.
- ❖ Yearly performance targets are being set.
- ❖ Signboards are well placed in classrooms and around the campus to raise awareness about electricity consumption.
- ❖ Solar sensor-based lighting has been installed in areas where constant lighting is unnecessary, leading to substantial energy savings.
- ❖ Workshops on energy conservation have been organized to educate students, faculty, and staff, resulting in increased awareness.

Waste Management:

- ❖ The vermicomposting pit is well-maintained.
- ❖ Separate waste transportation is in place for different waste types.
- ❖ Mulching is used as a method for garden waste disposal.
- ❖ Plastic and paper waste are sold to authorized recycling vendors.
- ❖ Shredding and composting are preferred methods for treating paper waste.
- ❖ The concept of a 'Plastic-free Campus' has been instilled.
- ❖ To reduce waste and carbon footprint, the College has adopted paperless methods and maximized email usage.



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Biodiversity Conservation:

- ❖ The college has a lush green campus and natural topography has been preserved.
- ❖ The campus now boasts additional fruit-bearing trees, which have attracted various bird species.
- ❖ A bird house is maintained providing natural habitat.
- ❖ Display boards showcasing flora and fauna diversity have been installed, fostering enthusiasm among learners.
- ❖ A butterfly garden has been developed, promoting appreciation for the College's flora and fauna diversity.
- ❖ Native tree planting initiatives have been expanded.
- ❖ Herbal garden is being maintained.

Reduction of Carbon Footprint:

- ❖ "No Vehicle Day" is observed at least once a month.
- ❖ Bicycles are promoted.
- ❖ CFC-free equipment is consistently used.
- ❖ Carpooling and ride-share programs are actively promoted and encouraged.

Action taken and achievement reports as Clean and Green Campus initiatives

Sr. No	Action taken	Achievement
1.	Minimum use of papers	Paper usage has reduced, as no unnecessary prints are taken by staff. Wherever possible, both sides of papers are used as well as rough papers are used.
2.	Tree Plantation activities	Tree plantation is carried out in campus from time to time. This has helped in improving the air quality, reducing pollution, maintain ecological balance and also helped in preventing soil erosion.



[Signature]

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3.	Eco friendly Ganesha idol making activities	Every year this workshop is conducted wherein students are trained to make idol from mud. This has helped in creating awareness amongst students for refraining the use of POP idols.
4.	Say no to Plastic	Plastic free activities have helped in generation of minimum plastic waste in the campus. Through notices, students are informed not to use plastics, and also it is monitored that no plastic bags are used by the students and staff as well.
5.	Lake Cleanliness Drive	Campus and building is always maintained in a clean state. Regular cleaning is done by the assigned staff. Besides, cleanliness drive has helped instil a sense of importance of cleaning and hygiene in students. Along with that near by lake cleaning activity was done.
6.	Use of Biodegradable covers	The term "Biodegradable" refers to anything or substances that can be degraded by the natural forces and micro-organisms and Biodegradable plastics refer to those plastics that can be decomposed by the micro-organisms and also natural factors such as rain, sunlight, etc. and these plastics broaden the options for waste management treatment options over traditional plastics. The most favorable disposable options for these plastics are the municipal composting areas instead of the landfills. Hence, the biodegradable plastics can make significant contributions to material recovery options, reduction of landfill, and utilization of the natural resources.



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