SANDIP
FOUNDATION

Water conservation and waste management Initiatives

Water conservation:

The objective of the policy is to minimize water wastage on campus. We strive to enact water-conserving initiatives, employing various measures to safeguard this vital resource. Our efforts to preserve water include collecting rainwater from rooftop runoffs, constructing ponds and pits, installing bore well recharge systems, and ensuring the efficient maintenance of water distribution systems.

The water conservation initiatives are as follows:

- The campus primarily relies on rainwater collection for water conservation.
- During the rainy season, rainwater is gathered and directed to wells for percolation.
- To address water needs, the campus maintains both open and bore wells, focusing on measures such as well replenishment and groundwater preservation.
- Raising awareness about water conservation is achieved through activities like tree planting, promoting a green campus, organizing talks, and engaging students in various initiatives.
- Water recycling and reuse contribute to a reduction in water waste, with recycled water being used to irrigate plants on campus.
- Extension efforts aim to educate the local population about the importance of water and effective water conservation practices.
- Sandip Foundation's Campus has two dams within its premises, designed to store a total of 20 Crore liters of water to meet the campus's internal water storage needs.

Waste management:

- Management of liquid waste:

The wastewater treatment facility processes effluent originating from water closets. The Sewage Treatment Plant (STP) receives the resulting slurry discharge, which is then treated to produce water suitable for gardening and irrigating cricket fields. The solid sediments are gathered and transformed into nutrient-rich manure.

- E-waste management:

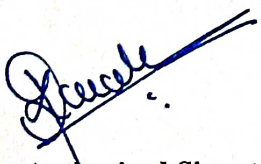
The college has established a partnership with Green Sustain waste management organization to gather electronic waste from the campus and its vicinity. Certified agencies are responsible for treating the collected e-waste.

- Hazardous chemical and radioactive waste management:

To mitigate the toxicity of chemical effluents originating from chemistry and environment labs, a waste management system utilizing deep trenches or pits has been implemented.

Major Initiatives:

- Collaboration with Techeco Waste Management is established to manage E-waste efficiently, encompassing collection, segregation, recycling, and proper disposal.
- College staff is tasked with raising awareness among students to establish a comprehensive system for preventing and controlling air and water pollution.
- Sweepers and workers are trained to manage waste, covering tasks such as collecting garbage, sweeping, transporting, storing, and disposing of it locally for composting, reuse, or proper disposal.
- Stringent measures are in place to ensure the safe handling and storage of garbage on campus.
- Comprehensive waste management training is provided to staff, students, teachers, and residents.



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