

SEVAYATAN SIKSHAN MAHAVIDYALAYA

A Govt. Sponsored College

Established in 1959



(Affiliated to VU & WBUTTEPA and Recognized by the NCTE: Letter No. ERC/7-87.6(1). 3/2008/11885)

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Ref. No. :-----

Date:- -----

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Water Management Policy

2022

Internal Quality Assurance Cell (IQAC)

Water Management Policy Of Sevayatan Sikshan Mahavidyalaya

Introduction:

Water is so essential for life that it's simply impossible to imagine life without water. All facets of daily life, such as domestic, agricultural, and socioeconomic activities, are impacted. The Sevayatan Sikshan Mahavidyalaya water management policy applies to all operations that include the management and use of water activities in the field. Water is a scarce commodity and thus needs micro management to ensure it is used sustainably.


OBJECTIVES


- ❖ Maximize water use efficiency and minimize wastage of water.
- ❖ To provide clean, safe, reliable drinking water at all times.
- ❖ To ensure adequate water supplies to meet the needs of the Sevayatan Sikshan Mahavidyalaya along with Hostels.
- ❖ To enable water storage and propose conjunctive management of surface and groundwater.
- ❖ To provide for ground water recharge while protecting ground water resources from overdraws.
- ❖ To increase water availability through recycling.
- ❖ To control excessive erosion and manage automatically overflowing situations.
- ❖ To protect the groundwater resources from contamination.
- ❖ All existing buildings to be used for rainwater harvesting
- ❖ To protect, restore and rehabilitate of the rich diversity of our greenery campus of flora and fauna for species protection.
- ❖ Ensure awareness about the water conservation policy of the college among all the staff and students.
- ❖ To enhance monitoring network and information sharing to support proper management of watersheds through community outreach.
- ❖ Inform, educate and increase the awareness regarding the importance of water to life and the need for conservation and efficient use of water.
- ❖ Water Recycling and Reuse from the various sources like laboratory experiments, cooling systems or waste water treatment plants for secondary uses.
- ❖ Prevent lands Caping and Irrigation use drought resistant plants in landscaping to minimize water consumption.
- ❖ To implement rainwater harvesting systems to capture and reuse rainwater for landscaping purposes.

- ❖ To incorporate water conservation topics into the curriculum to instil sustainable habits among students.

WATER MANAGEMENT PLAN

- 1) The principal, along with the staff, oversees the implementation of the water management policy on the SSM campus. The team visually examines all the water outlets and usage on campus periodically. This team focuses primarily on the regular monitoring of the quality of drinking water, the maintenance of the water distribution system, and the effective utilization of waste water.
- 2) Establishing rain water harvesting system with a capacity of about 10, 00, 00 litres/year in the campus area to recharge ground water.
- 3) The amount of water in the above tanks is examined, in order to the water demand and waste.
- 4) Regular maintenance of water tanks to be carried out to mitigate water loss or water contamination arising as a result of leaks.
- 5) The layout of water distribution system should be developed and mapped.
- 6) Expert knowledge must be harnessed to deploy newer technologies for proper use of water.
- 7) Productive and efficient methods should be implemented to improve the reservoir capacity and drinking water quality and these methods should be monitored and the efficiency should be evaluated.
- 8) The standard operating procedures should be developed and documented.
- 9) Organising special lectures on water pollution and observing Earth day to ensure the attention of the students and staff towards the alarming consequences of uneconomical use of water and water pollution.


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