



Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)

Pravara Rural Education Society's

ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL

Tal. Rahuri, Dist. Ahmednagar (MS) Pin - 413711

WATER CONSERVATION POLICY

Prepared by

Internal Quality Assurance Cell (IQAC)

WATER CONSERVATION POLICY

Introduction

The primary goal of the policy is to ensure the provision of safe and clean water throughout the entire campus. The college is committed to implement water-efficient practices and engaging both students and staff in our water sustainability strategies. This has been achieved through the use of water-efficient fixtures, rainwater harvesting, drip irrigation and smart water conservation practices.

Water Conservation Practices

1. Rainwater Harvesting

- ❖ Considering the college's location in a rain shadow area, measures have been taken to overcome water scarcity and ensure a permanent water supply
- ❖ The water collected from the rooftop area of the college building is directed into water storage tanks and open well
- ❖ Rainwater harvesting has significantly benefited the college in mitigating water scarcity

2. Open Well Recharge

- ❖ Rooftop water from college building is collected and directed into open-well, which is a cost-effective method of rainwater harvesting

3. Maintenance of Water Distribution System

- ❖ Water distribution is managed through a well-equipped system of pipes, with a drip irrigation system in place for efficient water use
- ❖ Drinking water is treated through the process of Reverse Osmosis (RO) and supplied via a water-cooling system
- ❖ High-quality plumbing fixtures are used to minimize water wastage
- ❖ Regular inspections of machinery are conducted to maintain the efficiency of the water distribution system

4. Water Storage and Distribution

- ❖ Overhead tanks are installed for the storage and uniform distribution of water across the campus
- ❖ The college addresses any leakages immediately and performs periodic maintenance to prevent water loss

Water Conservation Facilities

1. Rain Water Harvesting

The college has a rainwater harvesting system that collects rainwater and directs it to open-well. PVC pipelines are strategically installed to gather water from the terrace, which is stored in a fibre tank near the Chemistry laboratory and NAAC Office.

2. Open Well Recharge

The harvested rainwater is collected in tanks and the excess rainwater is used for recharging open wells

3. Maintenance of Water Distribution System in the Campus

The college has a drip irrigation system and sprinkler for landscaping and plantation on the college campus and botanical garden, which helps to save water.

Awareness and Education

Students and staff are regularly educated and sensitized about water conservation practices to foster a culture of sustainability within the campus community.



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