



**Shirdi Sai Rural Institutes
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA**

POLICY DOCUMENT

WATER CONSERVATION POLICY



**Prepared by
Internal Quality Assurance Cell (IQAC)**

**ASCC,
Rahata**

WATER CONSERVATION POLICY

1. Introduction- The college recognizes the importance of water conservation and is committed to implementing practices that ensure the efficient and sustainable use of water resources on campus. This policy outlines the college approach to water conservation and sets out the guidelines and responsibilities for stakeholders of the college.

2. Goals-

- Provide Safe and Clean water throughout the campus
- Implement Water efficient practices
- Engage Students and staff in water sustainable strategies

3. Water Conservation Strategies-

- Use of water efficient fixtures: The college will install and maintain water efficient fixtures such as low-flow toilets, faucets to reduce water consumption.
- Rainwater harvesting: The college will implement rainwater harvesting systems to capture and store rainwater for non-potable uses such as irrigation and toilet flushing.
- Farm Pond- The college has farm pond having storage capacity of 1Cr lts will be used for efficient water circulation.
- Smart water conservation practices: The college will promote smart water conservation practices such as fixing leakages promptly, using native and drought-resistant plants for landscaping, and educating the community about water conservation.
- Underground water storage tank: Panchayat supply water will be stored in an underground water storage tank to reduce the demand for water from the Panchayat supply.
- Overhead tanks: The campus is equipped with overhead tanks for storage and uniform distribution of water.
- Leak detection and maintenance: The college will regularly inspect the water supply system for leaks and perform necessary maintenance to prevent water loss

4. Responsibilities-

Students: Students are encouraged to use water judiciously and report any leakages or wastage to the college authorities.

Faculty and Staff: Faculty and staff are responsible for ensuring that water efficient practices are followed in their respective areas and for reporting any water-related issues to the college authorities.

College Authorities: The college authorities are responsible for implementing and monitoring the water conservation policy, conducting regular audits of water usage, and identifying areas for improvement. The college has also adopted following practices for water Management-

a. Rain Water Harvesting:

The college is situated in a rain shadow area hence to overcome water scarcity and to ensure a permanent supply of water, certain measures are predominantly taken and water collected from the roof is stored in underground water storage tank situated of the building. The rain water harvesting has benefitted to a great extent and helped to overcome the water scarcity.

b. Bore Well or Open Well Recharge:

Rooftop water from college building is collected and taken into bore-well recharge pits. This is the most cost-effective way of rainwater harvesting. Since there is no energy expenditure on transportation and distribution of water, energy is also conserved. This water is collected through well-established system and used to recharge ground water.

c. Maintenance of water bodies and distribution system in the college campus:

The water bodies are maintained regularly so as to provide sustainable, consistent, safe and adequate water to the campus. The distribution of water is done through well-equipped system of pipes. Drip irrigation system is in place. By the process of Reverse Osmosis, the water is treated for drinking water and supplied through water cooling system and other set of distribution pipes are used for all other usages. By using good quality plumbing fixtures, the wastage of water is highly reduced. Scheduled Inspection of machineries is done on regular basis in the campus.

5. Compliance

All members of the college community are expected to comply with this policy and support the college's efforts towards water conservation.

Non-compliance may result in disciplinary action as per the college's rules and regulations.

6. Review and Revision

This policy will be reviewed annually and revised as necessary to ensure its effectiveness and relevance to the college's water conservation goals.

7. Conclusion

The college is committed to ensuring the efficient and sustainable use of water resources on campus and seeks the cooperation of all members of the college community in achieving this goal.