



**Loknete Dr. Balasaheb Vikhe Patil (Padmabhushan Awardee)**

**Pravara Rural Education Society's**

**ARTS, SCIENCE AND COMMERCE, COLLEGE, KOLHAR**

**Tal. - Rahata, Dist. - Ahmednagar (MS) Pin - 413713**

## **WATER CONSERVATION POLICY**

**Prepared by**

**Internal Quality Assurance Cell**

# WATER CONSERVATION POLICY

The primary goal of water conservation policy is to provide safe and clean water in entire campus. The college is implementing water efficient practices. Student and staff engagement play a major role in our water sustainability strategies.

The college is committed to ensure that water is used most judiciously and is working towards making the area water sustainable. This has been achieved through the use of water efficient fixtures, rain water harvesting and smart water conservation practices.

The Municipal supply water is stored in underground water storage tank to reduce the supply of water in whole campus area. College campus is equipped with overhead tanks for storage and uniform distribution of water in the campus area. The college fixes leakages immediately and performs periodic maintenance required to prevent water loss.

## **1. 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. The rooftop area of hostel building is 234.39 m<sup>2</sup> and water collected from the roof is about 2.5 lakh liters, out of which 10000 liters is stored in underground water storage tank situated at the south of the building. The rain water harvesting has benefitted to a great extent and helped to overcome the water scarcity.

## **2. 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. The roof area of college building is 687 m<sup>2</sup> and the average water collected from the area is 7.3 lakh liters. This water is collected through well-established system and used to recharge ground water.

### 3. 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. The maintenances of all water bodies and distribution system are provided centrally by PRES.

  
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