



**PADMABHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA**

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## **WATER CONSERVATION POLICY**

Padmabhushan Vasanttraodada Patil Mahavidyalaya, situated in the drought-prone area of Kavathe Mahankal in Western Maharashtra, has recognized the critical importance of water conservation. The region faces significant water scarcity challenges, necessitating proactive measures to ensure sustainable water management. The college is committed to implementing comprehensive water conservation strategies to address these challenges and promote environmental stewardship.

### **OBJECTIVES:**

- 1. Sustainable Water Use:** To promote the sustainable use of water resources within the campus.
- 2. Awareness and Education:** To educate and raise awareness among students, faculty, and the community about the importance of water conservation.
- 3. Rainwater Harvesting:** To maximize the collection and use of rainwater for various purposes.
- 4. Groundwater Recharge:** To enhance groundwater levels through effective recharge techniques.
- 5. Water Quality Management:** To ensure the availability of clean water for laboratory and other uses.
- 6. Community Involvement:** To engage with the local community in water conservation efforts through NSS and NCC initiatives.

### **WATER CONSERVATION POLICY**

The following measures constitute the water conservation policy of Padmabhushan Vasanttraodada Patil Mahavidyalaya:

#### **1. Rainwater Harvesting:**

- Installation of rainwater harvesting systems across campus buildings to collect and store rainwater.
- Utilization of harvested rainwater for non-potable purposes such as gardening and cleaning.
- Use of rainwater as distilled water in laboratories to reduce dependence on external water sources.

#### **2. Borewell Recharge System:**

- Implementation of borewell recharge systems to enhance groundwater levels.
- Regular maintenance and monitoring of recharge systems to ensure their effectiveness.

#### **3. Agrani River Cleaning Initiative:**

- Regular participation in cleaning and rejuvenating the Agrani River through NSS and NCC programs.
- Collaboration with local authorities and community groups to sustain river cleanliness and health.

#### **4. Bund Building:**

- Construction of bunds in and around the campus to prevent soil erosion and enhance groundwater recharge.
- Involvement of students in bund-building activities through NSS and NCC to instill a sense of responsibility towards water conservation.

## 5. Water Use Efficiency:

- Installation of water-efficient fixtures such as low-flow taps and toilets to reduce water wastage.
- Regular audits of water use to identify and address inefficiencies.

## 6. Awareness Programs:

- Conducting workshops, seminars, and campaigns to educate students and staff about the importance of water conservation.
- Inclusion of water conservation topics in the curriculum to integrate environmental education into academic programs.

## 7. Monitoring and Evaluation:

- Establishment of a Water Conservation Committee to oversee the implementation and monitoring of water conservation measures.
- Regular evaluation of water conservation initiatives to assess their impact and identify areas for improvement.

## EFFORTS THROUGH NSS AND NCC

- **Bund Building:** NSS and NCC volunteers have actively participated in building bunds to enhance groundwater recharge and prevent soil erosion.
- **Kamandalu River Cleaning:** Initiatives such as cleaning drives and awareness campaigns have been conducted to restore the health of the Agrani River.
- **Community Engagement:** Collaboration with local communities to extend water conservation efforts beyond the campus, promoting sustainable practices in the surrounding areas.

Padmabhushan Vasantraodada Patil Mahavidyalaya is dedicated to leading by example in the field of water conservation. By integrating sustainable practices, involving the community, and fostering a culture of environmental responsibility, the college aims to mitigate water scarcity issues and contribute to the long-term well-being of the region. The comprehensive water conservation policy reflects the institution's commitment to preserving this vital resource for future generations

  
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