



Sanjivani Rural Education Society's
Sanjivani College of Pharmaceutical Education & Research (Autonomous)

NBA and NAAC 'A' Accredited

At: Sahajanandnagar, Post: Shingnapur- 423603, Tal: Kopargaon, Dist: Ahmednagar (MS)

Approved by AICTE
& PCI, New Delhi

Affiliated to Savitribai Phule Pune University, Pune
University ID: PU/AN/Pharm/S1/2004

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WATER CONSERVATION POLICY

Sanjivani College of Pharmaceutical Education and Research(SCPER),Kopargaon, situated in the drought-prone area 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 initiatives.

WATER CONSERVATION POLICY

The following measures constitute the water conservation policy of SCPER:

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. Godavari River Cleaning Initiative:





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- Regular participation in cleaning and rejuvenating the Godavari River through NSS 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 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

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





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Water Conservation Practices

Practice 1: Rainwater Harvesting

- Rooftop rainwater harvesting systems are installed wherever feasible.
- Rainwater is directed to recharge pits and groundwater recharge structures.
- Rainwater harvesting facilities are inspected and maintained regularly.

Practice 2: Leak Detection and Repair

- Regular inspection of water pipelines, taps, valves, and storage tanks.
- Immediate repair of leakages to prevent water loss.
- Maintenance records are maintained by the concerned department.

Practice 3: Water-Efficient Fixtures

- Installation of low-flow taps and water-saving devices.
- Use of sensor-operated taps where feasible.
- Installation of dual-flush systems in washrooms to reduce water consumption.

Practice 4: Efficient Laboratory Water Usage

- Laboratory personnel and students are trained to avoid unnecessary water usage.
- Water is used efficiently during practical sessions and cleaning activities.
- Continuous-flow water practices are minimized wherever possible.

Practice 5: Reuse of Treated Water

- Treated wastewater, where available, is utilized for:
 - Gardening
 - Landscaping
 - Cleaning of campus premises
- Reuse practices are monitored periodically.

Practice 6: Sustainable Gardening Practices

- Drip irrigation or controlled watering methods are encouraged.
- Native and drought-tolerant plants are preferred.
- Watering is scheduled to minimize evaporation losses.





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Practice 7: Water Consumption Monitoring

- Monthly monitoring of water consumption.
- Maintenance of water usage records.
- Periodic review to identify opportunities for further conservation.

Practice 8: Awareness Programs

- Conduct awareness campaigns on water conservation.
- Organize seminars, workshops, and poster competitions.
- Observe environmental awareness programs and water conservation activities.

1 Implementation Mechanism

Water Conservation Committee

Composition

- Principal – Chairperson
- IQAC Coordinator – Member
- Maintenance Officer – Member
- Faculty Representative – Member
- Administrative Officer – Member
- Student Representative – Member Secretary

Responsibilities

- Monitor implementation of water conservation practices.
- Review water consumption data.
- Conduct inspections and awareness activities.
- Recommend corrective and preventive measures.

2. Monitoring and Documentation

Monthly Activities





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- Recording of water consumption.
- Inspection of pipelines and storage tanks.
- Review of rainwater harvesting systems.

Annual Review

- Assessment of water conservation measures.
- Identification of improvement opportunities.
- Preparation of annual water conservation report.

3. Sample Water Monitoring Register

Date	Water Source	Consumption (Liters)	Purpose	Remarks
DD/MM/YYYY	Municipal Supply	_____	Academic Use	_____
DD/MM/YYYY	Borewell	_____	General Use	_____
DD/MM/YYYY	Recycled Water	_____	Gardening	_____

4. Expected Outcomes

- Reduction in water wastage.
- Improved groundwater recharge.
- Sustainable use of water resources.
- Enhanced environmental awareness among students and staff.
- Strengthened Green Campus initiatives.





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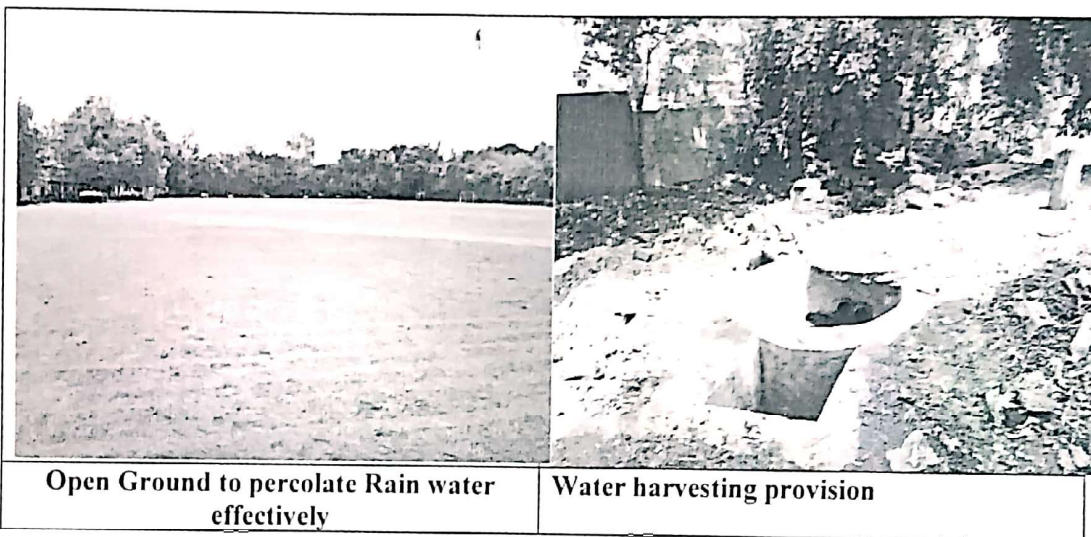
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