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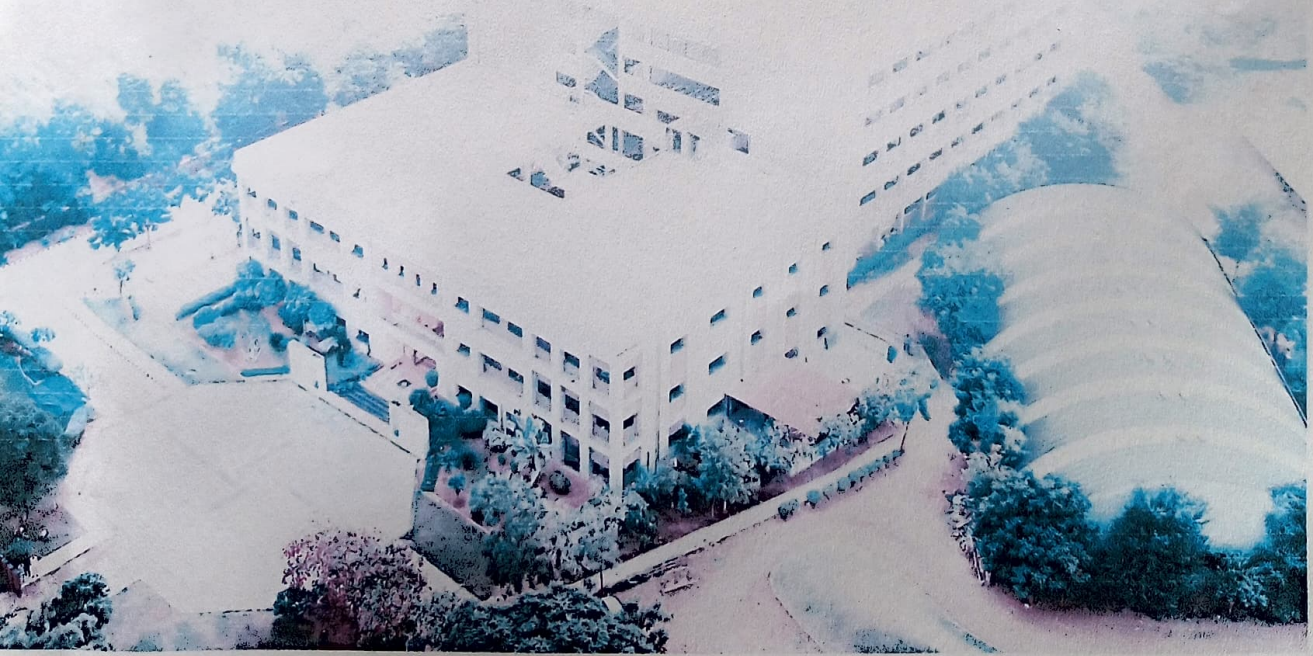
Water Management Policy



	SWARRNIM STARTUP & INNOVATION UNIVERSITY
	POLICY ON WATER MANAGEMENT

CONTEXTS

1. Introduction
2. Preamble
3. Scope of policy
4. Objective of the Policy
5. Goals of the Policy
6. Benefits of Policy
7. Procedures and responsibilities

	SWARRNIM STARTUP & INNOVATION UNIVERSITY
	POLICY ON WATER MANAGEMENT

INTRODUCTION

India faces significant water scarcity challenges, with 16% of the world's population relying on only 4% of global water resources. Our institute acknowledges the importance of water conservation and has implemented measures to reduce, reuse, and recharge water.

Mission:

"Be Water Smart, Every Drop Counts"

Objectives:

1. Provide safe and clean water throughout the campus.
2. Implement water-efficient practices.
3. Engage students and staff in water sustainability strategies.
4. Reduce water consumption and protect water quality.

By adopting sustainable water management practices, our institution aims to contribute to the conservation of this vital resource for future generations.

PREAMBLE

Although our college is situated in a region with ample water supply, we emphasize the importance of water conservation among our students. We are committed to conserving water resources and practicing rainwater harvesting to replenish and recharge groundwater.

SCOPE OF THE POLICY

This policy encompasses initiatives for energy conservation, environmental protection, and green campus activities. Its objectives are:

- Foster a positive attitude towards nature among prospective teachers
- Encourage student teachers to protect natural resources
- Empower future educators to promote environmental awareness among school students through various activities.

OBJECTIVES OF POLICY

1. Ensure clean and safe drinking water on campus
2. Maintain continuous water supply throughout the year
3. Replenish groundwater through rainwater harvesting
4. Minimize water wastage on campus
5. Provide reliable drinking water at all times
6. Ensure adequate water supplies for college needs
7. Implement conjunctive management of surface and groundwater
8. Protect groundwater resources from overdraw and contamination
9. Increase water availability through recycling
10. Control erosion and manage sedimentation/flooding situations
11. Maintain watershed vegetation and filtration systems

12. Protect and restore flora and fauna
13. Educate student teachers about climate change
14. Enhance monitoring and information sharing for watershed management.

GOALS AND PLANS OF POLICY

1. Optimize Water Use: Maximize efficiency and minimize wastage.
2. Rainwater Harvesting: Utilize existing buildings for rainwater collection.
3. Green Infrastructure: Incorporate eco-friendly designs in future development plans.
4. Awareness and Education: Inform staff and students about the college's water conservation policy.
5. Cost-Effective Solutions: Promote water conservation projects' economic benefits among students and local communities.
6. Community Outreach: Organize programs through NSS, Eco-club, Science-club, and other student bodies.
7. Student Engagement: Encourage students to monitor and collect data on local water bodies and pollution.
8. Environmental Awareness: Educate students and the community about the importance of water conservation and efficient use.
9. Water-Efficient Fixtures: Installation of low-flow fixtures to minimize water waste.
10. Water Storage: Underground tanks and overhead tanks for efficient storage and distribution.
11. Water Purification: Installation of water purifiers to ensure clean drinking water.
12. Leakage Prevention: Prompt repair of leaks and regular maintenance to prevent water loss.
13. Awareness Drives: Competitions and lectures to educate students on water conservation and management.
14. Water Recharging: Percolation pits for rainwater harvesting and groundwater recharging.

PROCEDURES AND RESPONSIBILITIES

Implementation and Monitoring

1. The Principal and staff oversee policy implementation and conduct regular inspections of water outlets and usage.
2. The team monitors drinking water quality, maintains the water distribution system, and ensures effective wastewater utilization.

Review and Maintenance

1. Review water demand, wastage, and overhead tank levels.
2. Regularly maintain water tanks to prevent leaks and contamination.
3. Develop and map the water distribution system layout.

Technology and Efficiency

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1. Harness expert knowledge to deploy newer technologies for proper water use.
2. Implement efficient methods to improve reservoir capacity and drinking water quality.

Sources of Water Supplies

1. Borewell water supplied to the campus through roof tanks.
2. RO (reverse osmosis) water provided for drinking purposes.

Responsibilities

1. Conduct policy reviews.
2. Monitor water levels.
3. Improve water quality.
4. Quantify water demand and wastage.
5. Conduct workshops and seminars for awareness on water conservation.

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