



ST. XAVIER'S COLLEGE MAHUADANR

Estd: 2011. Affiliated to Nilamber-Pitamber University, Medininagar NPU/R/953/11

P.O- Mahuadanr, Dist. Latehar, Jharkhand 822119

Accredited with 'B' Grade by NAAC. Recognized by UGC

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WATER CONSERVATION POLICY

In alignment with the decision made by the IQAC and subsequent approval by the college's Managing Committee, the IQAC has developed an Institute Policy on Water Conservation and Management. Besides contributing to environmental sustainability, water conservation also serves as a means to reduce unnecessary effort. Among the various water-saving methods, rainwater harvesting stands out as one of the most efficient techniques.

I. Water Conservation Policy

Mitigating Water Leakage: The institute shall actively prevent water leakage by ensuring proper pipe and tap fittings throughout the campus.

Water Recycling: The institution commits to recycling water to minimize the consumption of fresh water. Recycled water shall primarily be employed for gardening purposes.

Optimal Garden Watering: To minimize evaporation losses, garden watering will be scheduled for the morning or evening hours.

Sustainable Stormwater Management: The institute will implement sustainable stormwater management practices to divert water away from the sewer system for potential recycling.

Rainwater Harvesting: Rainwater harvesting pits have been strategically installed to enhance groundwater levels.

Promoting Water-Efficient Practices: Faculty and students are expected to use water judiciously and economically.

Awareness Initiatives: "Save Water" boards have been prominently placed across the campus to educate and remind students and staff about the importance of water conservation.

Educational Events: Regular guest lectures and expert talks on water conservation are organized to disseminate knowledge and promote awareness.

Special Occasions: The institute actively observes World Water Day and World Environment Day to instill the significance of water conservation in the community.

Installation of Flow Control Devices: Flow control devices such as low-flow showerheads and flush valves have been installed to reduce water wastage.


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II. Prevention of Water Wastage in Hostel and Residence

(i) Conserving Water in the Bathroom

Regular Inspection: To prevent water wastage, toilets will be regularly inspected for leaks.

Water-Saving Fixtures: Water-saving showerheads or flow restrictors have been installed to minimize water consumption during showers

Prominent Reminders: Notices reminding individuals to "Turn off water after use" are placed near each tap.

Low-Capacity Flush Tanks: Low water capacity flush tanks have been implemented to reduce water usage during flushing.

(ii) Conserving Water in the Kitchen and Laundry

Dishwashing Practices: If washing dishes by hand, individuals will be encouraged not to leave the water running for rinsing.

Efficient Vegetable Cleaning: Water should not be allowed to run continuously while cleaning vegetables.

Leak Checks: Valves and pipes will be checked periodically for leaks to ensure water conservation.

(iii) Conserving Water Outdoors

Efficient Lawn Care: The practice of watering the lawn will be strictly based on necessity.

Deep Soil Soaking: Deep soaking of the lawn will be encouraged, ensuring moisture reaches the roots.

Drought-Resistant Plants: Planting drought-resistant trees and plants that require less water will be promoted.

Mulch Usage: A layer of mulch around trees and plants will be maintained to retain moisture.

Eco-Friendly Cleaning: Brooms, rather than hoses, will be used for cleaning driveways and sidewalks.

Vehicle Washing: Individuals are advised not to run the hose continuously while washing vehicles.

By adhering to these guidelines, the institution aims to create a culture of responsible water usage, ultimately contributing to a sustainable and water-conscious environment.


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