

JMJ COLLEGE FOR WOMEN (AUTONOMOUS), TENALI

POLICY ON PREVENTING POLLUTED WATER FROM ENTERING THE INSTITUTE'S WATER INLET

1. Purpose

This policy aims to establish measures to prevent polluted water, including contamination from heavy rains and floods, from entering the institute's water supply. The goal is to ensure safe and clean water for all institutional purposes while maintaining environmental and public health standards.

2. Scope

This policy applies to all water sources utilized by JMJ College for Women (A), Tenali, including bore wells, municipal water supply, and rainwater harvesting systems.

3. Objectives

- Implement preventive measures to protect water inlets from contamination.
- Ensure proper filtration and treatment of water before distribution.
- Minimize the risks of water pollution caused by flooding, heavy rains, and external pollutants.
- Promote awareness and responsible practices among students and staff.

4. Preventive Measures

4.1 Protection of Water Inlets

- Install protective barriers and elevation structures around bore wells and municipal water inlets to prevent surface water contamination.
- Ensure that all water inlet points are covered and properly sealed to prevent entry of debris and pollutants.
- Conduct regular inspections to detect leaks or cracks in pipes that may allow contamination.

4.2 Water Filtration and Treatment

- Implement multi-stage filtration systems, including sand filters and activated carbon filters, before water enters storage tanks.
- Maintain the Reverse Osmosis (RO) plant to ensure safe drinking water.
- Treat collected rainwater before using it for non-potable purposes such as irrigation and sanitation.

4.3 Flood and Rainwater Management

- Develop a rainwater drainage system to prevent water stagnation and flooding.
- Construct percolation pits and trenches to manage excess rainwater and reduce runoff contamination.



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- Install check valves in drainage systems to prevent backflow of contaminated floodwater into clean water sources.

4.4 Monitoring and Quality Control

- Conduct periodic water quality testing to identify contaminants and take corrective actions.
- Establish a water monitoring team responsible for ensuring compliance with pollution control measures.
- Maintain logs of water quality tests and inspection reports for regulatory compliance and internal review.

5. Awareness and Training

- Organize workshops and training sessions on water safety and pollution prevention.
- Place awareness posters around campus to educate staff and students on best practices for preventing water contamination.
- Encourage responsible disposal of chemicals and waste to prevent pollution of water sources.

6. Compliance and Enforcement

- The institute's administration, in coordination with the Water Management Committee, is responsible for enforcing this policy.
- Regular audits and assessments will be conducted to ensure the effectiveness of pollution prevention strategies.
- Necessary corrective actions will be taken in case of non-compliance.

7. Review and Amendment

This policy will be reviewed annually, with updates made as required to enhance water pollution prevention measures.

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