

JMJ COLLEGE FOR WOMEN (AUTONOMOUS), TENALI

POLICY ON WATER USAGE AND CONSERVATION

1. Purpose

This policy aims to ensure the optimal utilization of water resources at JMJ College for Women (A), Tenali, by promoting water conservation practices, reducing wastage, and implementing sustainable water management strategies.

2. Scope

This policy applies to all students, faculty, staff, and visitors within the college premises, including academic buildings, hostels, laboratories, canteens, and gardens.

3. Objectives

- Ensure efficient water usage across all campus facilities.
- Minimize water wastage and promote water recycling.
- Implement rainwater harvesting and groundwater recharge systems.
- Educate and encourage stakeholders to adopt water conservation practices.
- Maintain and upgrade water infrastructure to enhance efficiency.

4. Water Sources & Usage

The primary sources of water for the college include groundwater (bore wells) and municipal water supply. Water is utilized for the following purposes:

- Drinking (processed through RO plant)
- Domestic use (restrooms, hostels, canteen, etc.)
- Laboratories
- Gardening and irrigation
- Cleaning and maintenance

5. Water Conservation Measures

5.1 Infrastructure Improvements

- Install water-efficient faucets and taps with aerators to reduce consumption.
- Implement dual-flush systems in all toilets.
- Maintain pipelines, tanks, and fixtures to prevent leaks.
- Ensure that all new buildings incorporate water-efficient design and technology.

5.2 Rainwater Harvesting

- Utilize rooftop rainwater harvesting to recharge groundwater.
- Construct percolation pits to maximize water infiltration.
- Channel rainwater to sumps and fountains for non-potable use.




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5.3 Wastewater Management

- Reuse wastewater from RO plants for gardening and sanitation.
- Encourage wastewater recycling where feasible.

6. Awareness & Training

- Conduct periodic training and workshops for students and staff on water conservation.
- Place informative signage at water stations and washrooms to promote responsible usage.
- Introduce water conservation topics in student orientation programs.

7. Monitoring & Compliance

- Establish a Water Management Committee to oversee implementation and compliance.
- Conduct periodic water audits to assess consumption patterns and identify improvement areas.
- Implement reporting mechanisms for leaks or excessive usage.

8. Accountability

- All departments and hostel authorities must ensure adherence to the policy.
- Faculty, staff, and students should actively participate in water-saving initiatives.
- The administration will allocate resources to maintain and upgrade water infrastructure.

9. Review & Amendments

This policy will be reviewed annually by the Water Management Committee, and necessary amendments will be made to enhance water conservation efforts.

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