

# GOVERNMENT OF WEST BENGAL OFFICE OF THE PRINCIPAL





Phone: 033 2249-3737/2226-7814 e-mail: maulanaazadcollegekolkata@gmail.com





# POLICY DOCUMENT ON WATER MANAGEMENT



### 1. Introduction

Maulana Azad College is dedicated to sustainable water use and conservation. This policy outlines our approach to water management, focusing on efficient use, rainwater harvesting, and recycling to minimize environmental impact. The measures taken by the college to optimally use water and reduce wastage is based on the Guidelines laid by Jal Dharo Jal Bharo Scheme of Government of West Bengal (https://www.wbwridd.gov.in/jal dharo jal bharo) Water Policy of Government India (https://nwm.gov.in/sites/default/files/national%20water%20policy%202012 0.pdf).

### 2. Aim

The College aims to implement comprehensive water management practices through conserving water, reducing wastage, and promoting sustainability on campus.

## 3. Objectives

- To implement rainwater harvesting and recycling facilities.
- To install auto-cut pumps to reduce water wastage.
- To construct and maintain rainwater storage tanks for future reuse of the stored rainwater in washing, gardening and other such activities.
- To promote water conservation through posters and campaigns.
- To ensure the maintenance of overhead water reservoirs.
- To install sensor-based faucets.

### **Water Conservation Measures**

- Rainwater Harvesting and Recycling Facility: Install systems to capture and recycle rainwater for various uses on campus, including irrigation, flushing and gardening.
- Auto-Cut Pumps: Install auto-cut pumps to ensure water is not wasted due to overflow or leakage. These pumps will automatically stop when tanks are full.
- Rainwater Storage Tanks: Construct and maintain storage tanks to collect and store rainwater. This stored water will be used during dry periods to reduce dependency on municipal supply.
- Save Water Posters and Campaigns: Launch awareness campaigns and install posters around the campus to encourage water conservation among students, faculty, and staff.
- Overhead Water Reservoir: Maintain and optimize the use of overhead water reservoirs to ensure a reliable water supply and reduce wastage.
- Sensor-Based Faucet Installation: Aim to install sensor-based faucets in restrooms and other areas to minimize water use and prevent wastage.

Associate Professor Maulana Azad College Kolkata Maulana Azad College Kolhata

Maulana Azad College Govt. of West Bengal 8, R.A. Kidwai Road, Kol.-1

Maulana Azad College Kolkata Govt. of West Bengal



# GOVERNMENT OF WEST BENGAL OFFICE OF THE PRINCIPAL Maulana Azad College



8, RAFI AHMED KIDWAI ROAD, KOLKATA 700013, INDIA

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### 5. Awareness and Education

- Educate students on importance of water conservation though academic curriculum (as a part of Environmental Studies).
- · Conduct workshops, seminars, and awareness campaigns on water conservation.
- Engage students and staff in water-saving practices and encourage their participation in conservation initiatives.
- Disseminate information on the importance of water conservation through digital media and regular updates.

# 6. Monitoring and Reporting

- Regularly monitor water usage and wastage to identify areas for improvement.
- · Regular checking of faucets and supply pipe lines to fix any leakage by PWD.
- Periodical cleaning of overhead water tanks and reservoirs.
- Prepare and publish an annual water management report detailing consumption, savings, and progress towards conservation goals.
- Review and update the water management policy based on performance data, technological advancements, and regulatory changes.

### 7. Roles and Responsibilities

- Water Management Committee: Oversee the implementation of this policy, conduct water audits, and monitor water usage.
- Facilities Management: Ensure the efficient operation and maintenance of all waterrelated infrastructure. Implement water-saving measures and manage water resources effectively.
- Faculty and Staff: Incorporate water conservation practices into daily activities and support institutional water initiatives.
- Students: Participate in water conservation programs and adopt sustainable water practices.
- College Administration: Supervise and support all measures taken for water conservation.

### 8. Compliance

- · Ensure adherence to national and state water regulations and guidelines.
- Strive to meet or exceed recognized sustainability standards and certifications.

# 9. Inference

Maulana Azad College is committed to managing water resources sustainably and responsibly. By implementing this Water Management Policy, we aim to reduce our water footprint, promote conservation, and foster a culture of sustainability within our community.

Associate Professor
Maulana Azad College
Conveno:
Maulana Azad College

Co-ordinator
IQAC
Maulana Azad College
Govt. of West Bengal
8, R.A. Kidwai Road, Kol.-13

Principal
Maulana Azad College
Kolkata
Govt. of West Bengal