

Water Management and Reuse Policy

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Responsible Executive : Director (IQAC)

Responsible Office : Internal Quality Assurance Cell, Student Affairs,
 Estate Office, Academic Office, Library and
 SDG Cell

Contacts : Registrar and Director (IQAC)

6.1 STATEMENT OF POLICY

The B.S. Abdur Rahman Crescent Institute of Science and Technology is committed to achieving the following objectives in alignment with Sustainable Development Goal 6 (SDG 6) - Clean Water and Sanitation:

- Ensure universal and equitable access to safe and affordable drinking water for all stakeholders.
- Provide adequate and equitable sanitation and hygiene for all, with special attention to the needs of women, girls, and vulnerable groups.
- Improve water quality by reducing pollution, eliminating dumping, and minimizing the release of hazardous chemicals and materials.
- Halve the proportion of untreated wastewater and substantially increase recycling and safe reuse globally.
- Substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and freshwater supply to address water scarcity.
- Implement integrated water resources management at all levels, including transboundary cooperation as appropriate.

- g) Protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers, and lakes.
- h) Expand international cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programs.
- i) Support and strengthen the participation of local communities in improving water and sanitation management.

6.2 REASON FOR THIS POLICY

The policy aims to provide all stakeholders with adequate water supply, sanitation, and hygiene. It emphasises maximising the collection and treatment of sewage generated and the reuse of treated wastewater sustainably, thereby reducing dependency on freshwater resources. The policy promotes treating wastewater as an economic resource.

6.3 RESPONSIBILITIES

6.3.1 Policy Principles

- a) The campus shall provide adequate water supply and maximize water reuse by adhering to the following principles:
 - Equitable access to safe and affordable drinking water for all stakeholders.
 - Access to adequate sanitation and hygiene, ending open defecation, with special attention to vulnerable groups.
 - Calculation of water usage per person (students, staff, and faculty) annually.
 - Improving water quality by reducing pollution and increasing recycling and safe reuse.
 - Utilization of recycled/treated wastewater for beneficial purposes, such as irrigation and toilet flushing.
 - Implementation of integrated water resources management at all levels.
 - Protection and restoration of water-related ecosystems on campus.
 - Expansion of rainwater harvesting initiatives.

- Collaboration with government, NGOs, and industries in water-related activities.
- Support for student and staff participation in water management.

6.4 WATER REUSE POLICY

6.4.1 Water Reuse Policy Objectives

- Establish a comprehensive policy to maximize water reuse across the university.
- Ensure that all new buildings adhere to water-conscious building standards that facilitate water reuse.
- Implement systems for tracking and measuring water consumption and reuse.

6.4.2 Water Reuse

- **Water Reuse Policy:** maximise water reuse across the university.
- **Water Reuse Measurement:** Measure water reuse across the university.

6.5 DISSEMINATION OF POLICY

- a) Display signage promoting water use efficiency across the campus.
- b) Conduct awareness programs at regular intervals to increase water-use efficiency.
- c) Post the policy on the Institute's website and update it as necessary.

6.6 ENFORCEMENT OF POLICY

- a) The Director (Planning & Development) and Deputy Director monitor compliance and address breaches.
- b) Awareness of the policy among students, staff, and visitors is essential.
- c) Breaches may lead to disciplinary action as per the Institute's code of conduct.



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