



POLICY FOR WATER MANAGEMENT AND REUSE

Issue : 03; Revised on 2021

Responsible Executive : Director (IQAC)
Responsible Office : Internal Quality Assurance Cell, Estate Office,
and SDG Cell
Contacts : Registrar, Director (IQAC)

6.1 STATEMENT OF POLICY

- a) Achieve universal and equitable access to safe and affordable drinking water for all
- b) Achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations
- c) Improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally
- d) Substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity
- e) Implement integrated water resources management at all levels, including through transboundary cooperation as appropriate
- f) Protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes
- g) Expand international cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies
- h) Support and strengthen the participation of local communities in improving water and sanitation management





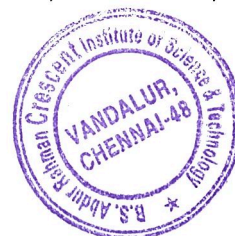
6.2 REASON FOR THIS POLICY

B.S. Abdur Rahman Crescent Institute of Science and Technology intends to provide all stakeholders with adequate water supply, sanitation, and hygiene. The water management and reuse policy help to maximize the collection and treatment of sewage generated and the reuse of treated wastewater on a sustainable basis, thereby reducing dependency on freshwater resources. Further, the policy promotes treating wastewater as an economic resource.

6.3 RESPONSIBILITIES

6.3.1 Policy Principles

- a) B.S. Abdur Rahman Crescent Institute of Science and Technology campus shall provide adequate water supply and maximize water reuse by meticulously following the policy principles mentioned below.
- b) Equitable access to safe and affordable drinking water shall be provided for all the stakeholders on the campus.
- c) Access to adequate and equitable sanitation and hygiene shall be provided for all and end open defecation, paying special attention to the needs of women, girls, and those in vulnerable situations.
- d) The volume of water used per person (including students, staff, and faculty) on campus per year shall be calculated, and necessary processes shall be taken to measure the total amount of treated and extracted water used.
- e) The water quality shall be improved by reducing pollution, eliminating dumping and minimizing the release of hazardous chemicals and materials, halving the proportion of untreated wastewater, and substantially increasing recycling and safe reuse.
- f) The recycled/treated wastewater shall be used for beneficial purposes, such as agricultural and landscape irrigation, toilet flushing, and groundwater replenishment.
- g) Integrated water resources management shall be implemented at all levels.
- h) The water-related ecosystems, including wells, aquifers, and lakes, shall be protected and restored on the campus.





- i) Rain water harvesting shall be expanded to collect and impound rain water that can be used as substitute water directly and indirectly through ground injection.
- j) The collaboration with Government, NGOs, and industries in water and sanitation-related activities and programs, including water harvesting, desalination, water efficiency, wastewater treatment, recycling, and reuse technologies, shall be extended.
- k) The participation of students and staff members in improving water and sanitation management shall be supported and strengthened on the campus.
- l) The activities to ensure water security, water use efficiency, and wastewater recycling for local residents, governments, and NGOs shall be conducted through student volunteering, policy development, and technology transfer.

6.3.2 Dissemination of Policy

- a) Signs boards providing water use efficiency and reuse shall be displayed across the campus, including familiar places like the canteen, restrooms, hostel, etc.
- b) Awareness programs in frequent intervals shall be conducted to substantially increase water-use efficiency across the campus and ensure sustainable withdrawals and supply of freshwater to address water scarcity.
- c) The policy for water use efficiency and water reuse shall be posted on the Institute's website.
- d) The policy shall be updated whenever required, and the same shall be updated on the Institute website to ensure awareness among all stakeholders on the campus.

6.3.3 Enforcement of Policy

- a) The Director (Planning & Development), Deputy Director (Campus Development & maintenance), and their team are responsible for monitoring compliance with this policy, reporting the breaches, and providing solutions.





- b) They are expected to ensure the policy is made aware to the students, staff members, and visitors and compliance. Steps may include requesting a visitor to use the water efficiently.
- c) Any breach of this policy may result in disciplinary action prescribed by the code of conduct of the Institute.

6.4 HISTORY OF THE POLICY

Policy Created on	July 2009
1 st Revision amended on	IQAC Meeting held on 27 th October 2017
2 nd Revision amended on	IQAC Meeting held on 31 st March 2021

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31/3/2021
REGISTRAR

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