



Adi Shankara

INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE & Affiliated to APJ Abdul Kalam
Technological University
(Owned by Adi Sankara Trust)

Water Conservation Policy

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WATER CONSERVATION POLICY

ASIET strongly believes in “Save blue. Live green”. The institute recognizes each individual and community's moral duty and social responsibility to contribute to conserving water and rejuvenating water resources. In this direction, the institute has formulated water conservation policies to provide safe and clean water on campus and preserve the water sources.

Objective:

The objective of this policy is to maximize the efficient use of water and prevent water wastage. The policy contributes to ASIET’s stand to build responsible engineers who recognize their roles in water conservation, restoration, and responsible consumption.

Water conservation Measures:

- Rainwater Harvesting: rainwater harvesting systems implemented on campus to collect and store rainwater for non-potable uses.
- Efficient Fixtures: water-saving fixtures (low-flow taps, dual-flush toilets) are installed to reduce water consumption.
- Landscaping: drought-resistant plants and efficient irrigation methods. Watering the gardening to be done in the morning or in the evening to reduce evaporation losses. Regular maintenance of the Sewage treatment plant (STP) on the campus and using this processed water for watering gardens and grounds.
- Leaks and Repairs: Regularly check for leaks and promptly repair them.
- Surface water conservation through the two natural wells on the campus.

Water Management Policies:

- Water Allocation: Allocate water based on priority (drinking water first, then other uses).
- Monitoring: Regularly monitor water usage.
- Water Quality: Ensure water quality through proper treatment and testing.

Awareness and Education:

- Training Programs: Educate staff, students, and faculty about water conservation practices.
- Save water boards provided at different places to educate the students and staff.
- Campaigns: Conduct awareness campaigns on campus.
- World Water Day and World Environment Day are to be celebrated to imbibe the importance of water conservation.
- Organize various outreach programs under the leadership of NSS, Boomithrasena, and other student bodies.
- To take part in rejuvenation projects of nearby water bodies.
- Develop research processes that are efficient and use resources wisely.

Goals and Plans

- Enhance Water Quality: Focus on improving the overall quality of water resources.
- Implement Water Recycling: Recycle non-sewage and grey water for on-site applications such as toilet flushing and landscape irrigation, considering specific water quality requirements.
- Foster Collaborative Relationships: Build partnerships among environmentalists, societal leaders, and policymakers to identify and overcome obstacles while exploring opportunities to enhance conservation and efficiency in sustainable water supply systems.
- Promote Research and Development: Encourage the development and implementation of water conservation techniques that address ecological needs and responses.
- Educate and Raise Awareness: Increase understanding of water dynamics, including groundwater interaction with surface water and the impacts of climate change on water resources, among students and educators.
- Advocate for Water Conservation: Inform and educate the community about the vital importance of water, the necessity of conservation, and efficient usage practices.
- Protect Natural Water Bodies: Safeguard streams, ponds, rivers, and the public areas surrounding the college to preserve local ecosystems.