



Evidence(s)

THE-Impact Ranking




HEI: **TRIDENT ACADEMY OF TECHNOLOGY**

COUNTRY: INDIA

WEBSITE: <https://tat.ac.in/activities/>

6.4.2 WATER REUSE MEASUREMENT

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**TRIDENT ACADEMY OF TECHNOLOGY**

Ref:

Name of the policy	Water Reuse Policy	Department responsible	All
Department	All	Prepared by	Dr. Ajay Kumar Sahoo
Effective date	11-4-2018	Checked by	Dr. D.N.Pattnayak
Review date	11-03-2024	Approved by	Principal
No. of pages	1		

1. Purpose:
The purpose of this policy is to conserve water by following preventive, reusing, and recycling measures.

2. Responsibility Centre: Office of Principal

3. Procedure:
The following procedures are to be adopted for the above:

- a. Rainwater will be collected and stored in natural and man-made ponds.
- b. The stored rainwater will be treated at the water treatment plant within the TAT campus.
- c. Treated water will be stored in designated storage tanks.
- d. The quality of recycled water will be regularly assessed to ensure compliance with

Plate 1- Water Reuse Policy

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The Water Reuse Policy at Trident Academy of Technology aims to conserve water through preventive measures, reuse, and recycling. Responsibilities include collecting rainwater, treating and storing it, and ensuring compliance with standards. The policy also promotes the use of water-efficient appliances and educates the community on water conservation practices.



DESCRIPTION

By 2024, Trident Academy of Technology has implemented a system to measure water reuse throughout the university. This system tracks the volume of recycled water utilized for purposes such as irrigation, cooling, and sanitation. Through monitoring technologies and data collection, the institution evaluates the effectiveness of its water reuse policy and identifies areas for improvement. This initiative conserves water resources and demonstrates the



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college's commitment to sustainability and responsible water management. Water is utilized for essential purposes, including drinking (77.52 KL/month), gardening (216.00 KL/month), kitchen and toilet facilities (509.88 KL/month), and other uses (224.40 KL/month). The hostel consumes a significant amount, totalling 3094.20 KL/month. In total, the campus uses 4122.01 KL/month of water