



AMITY UNIVERSITY

CHHATTISGARH

(ESTABLISHED UNDER THE CHHATTISGARH PRIVATE UNIVERSITIES (ESTABLISHMENT AND OPERATION) (AMENDMENT) ACT, 2014)

WATER REUSE POLICIES

AMITY UNIVERSITY, CHHATTISGARH

WATER REUSE POLICIES

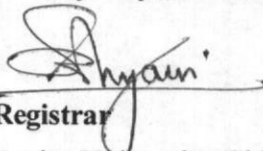
Title	:	Water Reuse Policy
Authority	:	Registrar, Amity University Chhattisgarh
Purpose of this Policy	:	The purpose of this policy is to ensuring that water is used most judiciously and reused to the maximum possible extent to reduce the straining of the water resources.
Date of Incorporation	:	01 Dec. 2023
Date of Review	:	Once in three years. This can also be reviewed as per the requirement of University.

Amity University Chhattisgarh (AUC) is committed to ensuring that water is used most judiciously and reused to the maximum extent possible to reduce the straining of the water sources within the campus. To achieve the same, we have established adequate water treatment plants based on the demand forecast.

The policy focuses on efficient water usage practices as below:

- Adequate supply of water without interruption for drinking and other purposes. This prevents improper storage by residents in anticipation of water shortage.
- Water to be used from different sources such as wells, bore wells, rainwater, recycled water, etc. to reduce dependence on one particular source for water.
- Rainwater harvesting to be promoted in across AUC campus which includes academic blocks, hostel blocks, faculty/staff quarters and AUC military training campus help in groundwater recharging.
- Storm water to be collected that falls on the paved and unpaved grounds into rain pits placed all around. It also helps in curtailing flooding of the campus to a certain extent.
- Leakages to be fixed immediately and periodic maintenance required to prevent water loss.
- Cleaning of dish washer in canteen and mess to be made in batched to save water. The water to be utilized judiciously for above purpose

- Judicious use of laundry services for residential students and staff to save water. Water used from laundry facilities are recycled and reused.
- Promoting conscious use of water through awareness sessions and posters and encourage students to use water judiciously and close taps in between brushing, shaving, showering, etc.
- Water tanks to be automated (sensor based) to prevent overflow with 24X7 monitoring of water levels (high/low) and pump On/OFF.
- Filter water for bathing and RO water for drinking purposes whereas the unfiltered/recycled water is directly fed on to the flush water tank for toilet flushing.
- Wastewater is treated by Sewage Treatment Plant (STP) where treatment is followed by aeration tank, tube settler, sludge filter, activated carbon filter and oxidation pond. The water quality is regularly monitored for quality control complying with state & national level Pollution control regulatory framework.
- Zero discharge waste water and recycled water after ultrafiltration treatment to be used for gardening, toilet flushing, and building construction purposes.
- We dewater the sludge from treated water, which increases the treatment efficiency.
- Water from ETP to be tested regularly.
- Water collected from Kitchen, Canteen, bathroom, laundry, and vessel washing facilities are recycled and reused.
- Dedicated research centers developing different technologies to reduce the ecological footprint of waste management especially concerning wastewater and composting of solid biological waste.
- The ultimate goal for water demand on the university campus should be met by recycled water and rainwater.


Registrar

Amity University Chhattisgarh

