

16.3 POLICY DOCUMENT ON WATER CONSERVATION

Purpose

To regulate water conservations, sustainable management and utilisation of water resources effectively.

Policy Details

The objectives of the policy:

1. **Ensure Continuous Water Supply** – The Institute ensures adequate and reliable water supply by implementing continuous transmission and automated distribution systems throughout the campus.
2. **Reduce Wastage of Water**– Inside the Institution, waster wastage is reduced by checking and sealing the leaks, placing pressure reducing valves, flow restrictors and aerator taps on necessary locations.
3. **Recycle The Waste Water**– The Institute (water recycling or water reclamation) reclaims the water from a variety of sources then treats and reuses it for beneficial purpose such as irrigation, groundwater replenishment, gardening, and environment restoration. Water reuse can provide alternatives to existing water supplies and be used to enhance water security, sustainability, and resilience.
4. **Rain Water Harvesting** – The Institution collects rain water from a roof-like surface and redirects it to a tank, a deep pit, a well, and a borehole to reach the water table through percolation, so that it seeps down and restore the ground water. The institution has a roof top rainwater harvesting which is used to provide drinking water, domestic water, water for livestock, and a way to replenish groundwater levels.
5. **Treat Effluents from Laboratories**– The Institution follows standard operating procedures for disposal of hazardous chemicals collected from the laboratories.
6. **Sewage Treatment Plant Process** – The Institute has a sewage treatment plant to recycle the waste water. This plant treats the waste water and makes it fit for reuse in watering plants and trees. Also, to protect the surrounding environment from raw sewage discharge.
7. **Store Water**– The Institute has storage structures to avoid occurrences of water scarcity and to store excess runoff during period of heavy rain.
8. **Awareness About Water Conservation**– The awareness program has been organised at all levels of the society about the importance of saving water and to cope with its scarcity and ensure sustainability, the institution conducts awareness programmes to students to improve water conservation.

ATTESTED

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