

6.4.1 a - Policy to maximise water reuse across the university (Policy for water reuse)

Policy for water reuse

B.S.Abdur Raham Crescent Institute of Science and Technology has a firm policy for water reuse. Water reuse generally denotes the process of capturing wastewater, stormwater, or greywater and treating it as required for a designated beneficial uses such as drinking, or surface or ground water replenishment. The water reuse in the Institute is looked upon in two aspects

(i) Recycling of the treated water from the sewage treatment plant for beneficial purposes like gardening and toilet flushing

(ii) Harvesting of the Rain water

Some of the key points of the Policy is given below

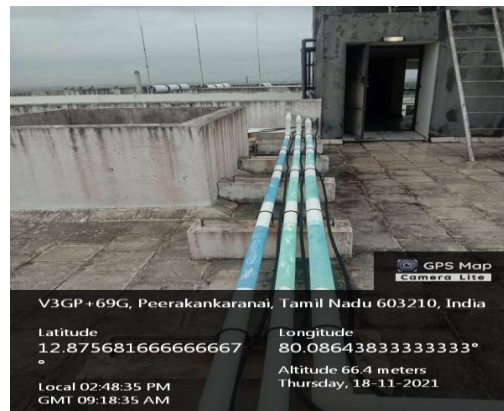
Main objective : The Institute should be a Zero Discharge campus

- Proper collection and treatment of wastewater generated in the Institute
- Regular monitoring for the quality of the treated water
- Recycling the treated water for gardening and toilet flushing by providing dual plumbing system
- Frequent inspection and maintenance of the STP
- Rainwater harvesting in all blocks of the Institute
- Maintenance of infrastructure facility provided for rain water harvesting
- Provision of sufficient storage structures to store rain water
- Ensuring that there are minimum wastage of water in the campus by using advanced monitoring facilities such as sensors
- Ensuring the planting of drought tolerant plants for the water conservation
- Improving the landscapes of the Institute thereby ensuring a natural water conservation through plants

PRACTICES OF WATER REUSE ACROSS THE UNIVERSITY



SPRINKLER SYTEM- REUSE WATER



TOILET FLUSHING WITH REUSE WATER –DUAL PLUMBING



RAINWATER COLLECTION, STORAGE AND REUSE