SRI RAAJA RAAJAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to Anna University)
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WATER CONSERVATION

Water conservation facilities available in the institution:

1.Rain water Harvesting

2.Bore well

3.Construction of Tanks

4.Maintenance of water bodies and distribution system of water

As SRRECT College of Engineering is located in rural area, there is no Municipal Water supply for the college. The college depends on ground water for all its water needs. Hence, efficient usage of available water and adaptation of water conservation measures are essential. The daily requirement of water in the campus is around 50000liters

Water conservation is the careful use and preservation of the water supply, including the quantity and quality of water utilized. Water is an essential asset for the nourishment of all life. The fundamental demand for all activities appropriate for local use to the agricultural industry.

Rainwater Harvesting

Run off generated in the campus is collected using a Check dam constructed in the campus on a natural drain passing through the campus.An open well located in the campus is recharged by rain water. The well also receives water from the pondage of check dam through pumping.

RAIN WATER HARVESTING

Waste water Management

Every institute has to work in the direction of waste water management particularly in student's hostels. Water flow restrictors on bathroom faucets and showers, low water flow toilets and automated urinal flushers should be used to cut down campus water use. Wastewater discharged as effluent from septic tank and canteen wastewater are used for gardening, watering of trees etc.The ground water is pumped into storage tanks located at different places in the campus.

USAGE OF WASTE WATER

REVERSE OSMOSIS (RO) PLANT:

The ground water is pumped into storage tanks located at different places in the campus. The water is distributed through well laid pipe network. Drinking water after treating in RO plant is supplied through a separate set of distribution pipes and water for all other purpose is supplied through another set of distribution pipes.

Entire distribution system is well supervised by Civil works committee to ensure that there are no leakages and wastages of precious water through joints, valves etc. Waste usage of water is reduced using low pressure flushes. All the stake holders of the college are well educated to use water economically and efficiently.

RO PLANT

Bore well

A borehole is a narrow shaft bored in the ground, either vertically or horizontally. A borehole may be constructed for many different purposes, including the extraction of water (drilled water well and tube well), other liquids (such as petroleum), or gases (such as natural gas).In our college there are 3 bore wells in different location.