



# **SREE SAKTHI ENGINEERING COLLEGE**

**KARAMADAI, COIMBATORE-641104**

**(Affiliated to Anna University, Approved by AICTE, Accredited by NAAC)**

## **RAIN WATER HARVESTING**

To sustain the ground water availability, the institution has adopted rain water harvesting system. We have rainwater harvesting systems in which gravity feed system is employed in different buildings to prevent soil erosion and meet the water requirements partially. Rain water is collected on roof top from which the water is drained to underground pits for soaking. Drain pits are used to sink the water and recharge the groundwater table. The water flows in to the ground water table by gravity. Water collected from terrace by PVC pipe outlet depends upon the area and number of pipes provided. Water is flowing through the chamber and drainage. The drain wells are constructed for water collection & recharge of surrounding ground. Drain connected from all the building flow towards lower level through external drain. Rain water pit is filled with gravels and sand for percolation of water for recharging the surrounding ground area. This system renews the bore wells not only of the institution but in the surrounded area too.





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**Rain Water Harvesting Units**



**Bore well Recharge**



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## **Sewage Treatment**

Sewage Treatment Plant (STP) is installed and the treated water from STP is used to water the garden.



**Sewage Treatment Plant**





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## **WATER DISTRIBUTION SYSTEM IN THE CAMPUS**

The college emphasizes on the significance of water conservation and explains to all the students the importance of preserving and saving it. Students are encouraged to use water wisely and only when necessary. They also act immediately upon witnessing any wastage and take necessary action to stop it. One of the ways of preserving water in the college is sprinkler method.



**Sprinkler Irrigation System**