



**SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY**

**[Approved by AICTE, Affiliated to Anna University and Accredited by NAAC & NBA (CSE,ECE & MECH)]**

**Pullipalayam, Morur (Post), Sankari (Tk), Salem (Dt) – 637 304**

**Website: [www.shanmugha.edu.in](http://www.shanmugha.edu.in) Contact Number: 04283-262901**

# **7.1.4**

# **Water**

# **Conservation**

# **Facilities**

# **available in the**

# **Institution**



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# **RAIN WATER HARVESTING**



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Our Institution building has separate lines for rain water harvesting from the building terrace and those rain waters are collected from the pipelines and connected to rain water harvesting ponds. Our rain water harvesting ponds having a capacity of 12.5 lakhs liters. The Institution is implemented the rain water harvesting system to recharge ground water by collecting the rain water from the catchment areas from the roof top of the buildings

## RAIN WATER HARVESTING

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# **BOREWELL RECHARGE**





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# **OPENWELL RECHARGE**



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Our Institution makes use of bore well and open well to meet its water requirements. The water from the catchment areas are collected in large and deep well in the campus which is used for gardening, irrigation and also used occasionally for construction works. The harvested water is used as a longer term storage as ground water recharge.

### Open well Recharge

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# CONSTRUCTION OF TANKS



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### Water storage Tanks

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# **WASTE WATER RECYCLING**





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The waste water from the RO plant is discharged back to the environment which is effectively utilized to water lawns, saplings and trees in the campus with the help of sprinkler irrigation system

**Waste Water Recycling for Lawns using Sprinkler Irrigation system**

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# **Water Distribution System in the Camps**

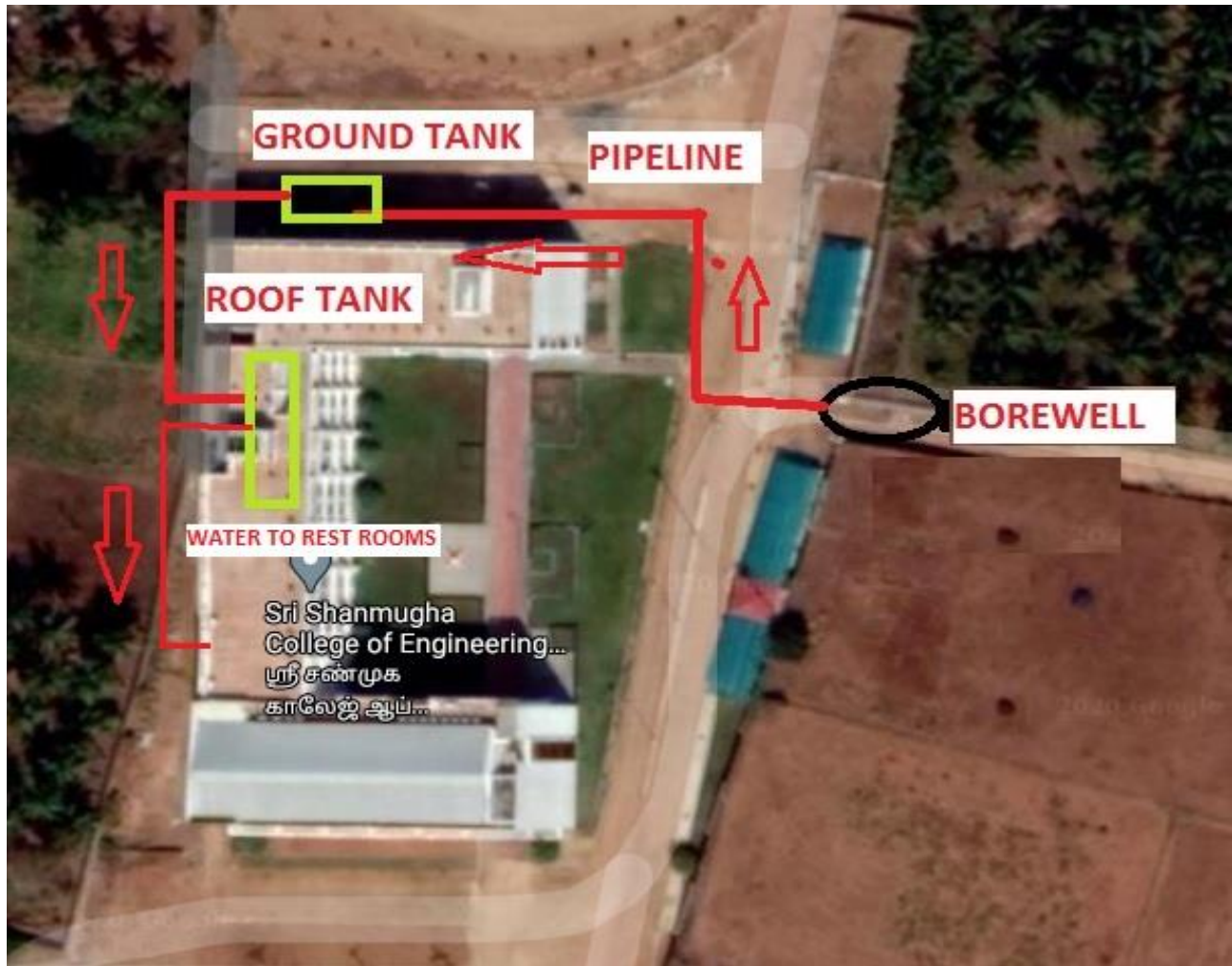


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# **Satellite view of Water Conservation System**



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Satellite View of Water Conservation System

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