

# SGS ARTS COLLEGE TIRUPATI

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## **7.1.4. Relevant Information**

### **Water conservation facilities available in the Institution**

#### **1. Rain Water Harvesting:**

The Institution is located in the area which is known for water shortage. So the college realizes the value of every drop of water and saves the rain water strategically for future use. Our college has rain water harvesting mechanisms. The rain water is accumulated and deposited for reuse. The water collected is directed to a deep pit of Bore well and it can be used later. Even the ground water is directed towards the plants. In spite of having maximum number of students, the Institution does not face any water crisis even in the summer time as a result of its effective, efficient and planned water conservation system.

#### **2. Distribution and Maintenance of Water bodies.**

The Institution aims provide the best water services to the students in all the possible ways such as educational facilities, infrastructure and basic necessities like water. The Institution functions with the help of ground water. There is a Bore well with 500 feet. The Institution has a good storage of ground water, Drinking water and Water for cleaning purposes as well as plantation. 20 thousand liters capacity and gets filled with rain water. And for drinking purpose the Institution has RO Purifier, which purifies and separates drinking water and waste water. That waste water is used for cleaning purpose. The campus has 3 water coolers to meet the students need. Apart from the ground water, the college has rain water Harvesting pits which function effectively during the rainy season.

It is made mandatory to clean and disinfect water holding tanks at least monthly once. This is remove algae silt and bacteria which may be harmful. Cleaning methods which are followed in SGSAC are

1. The Tank is emptied.
2. Scrubbed the interior walls to remove dirt grim.
3. Rinsed out the Tank.

4. Mixed a solution of house hold bleach and water.
5. Scrubbed the interior walls of the tank with this solution and left it Sit for 2 hours.
6. After 2 hours thoroughly rinsed with clean water.
7. Refilled with potable water.

Water filters are replaced periodically to provide the students and staff with pure drinking water.

<b>No.of Bore wells</b>	<b>No. of Syntax</b>	<b>No. of Tanks</b>	<b>No.of Rain Harvesting Pits</b>	<b>No. of Bore well Recharges</b>	<b>Time Intervals Cleaning the Tanks</b>	<b>Maintenance staff</b>
01	09	06	04	01	Once in a Month	K. Raja C. Harendra M.Bhaskar P.Arun

## **S.G.S. ARTS COLLEGE, TTD, TIRUPATI.**

<b>S.No.</b>	<b>Title of the Image</b>	<b>No.</b>
01	Rain water Harvesting Pits	4 Nos.
03	Bore well Recharge	1 No.
04	RO Water Purifiers in the College Building	2 Nos.
05	RO Water Purifiers in the Hostels	2 Nos.
06	Water Cooler	4 Nos.
07	Construction of Syntax Tanks and Bunds	9 Nos.
08	Construction of Tanks Bunds	4Nos.

## RAIN WATER HARVESTING





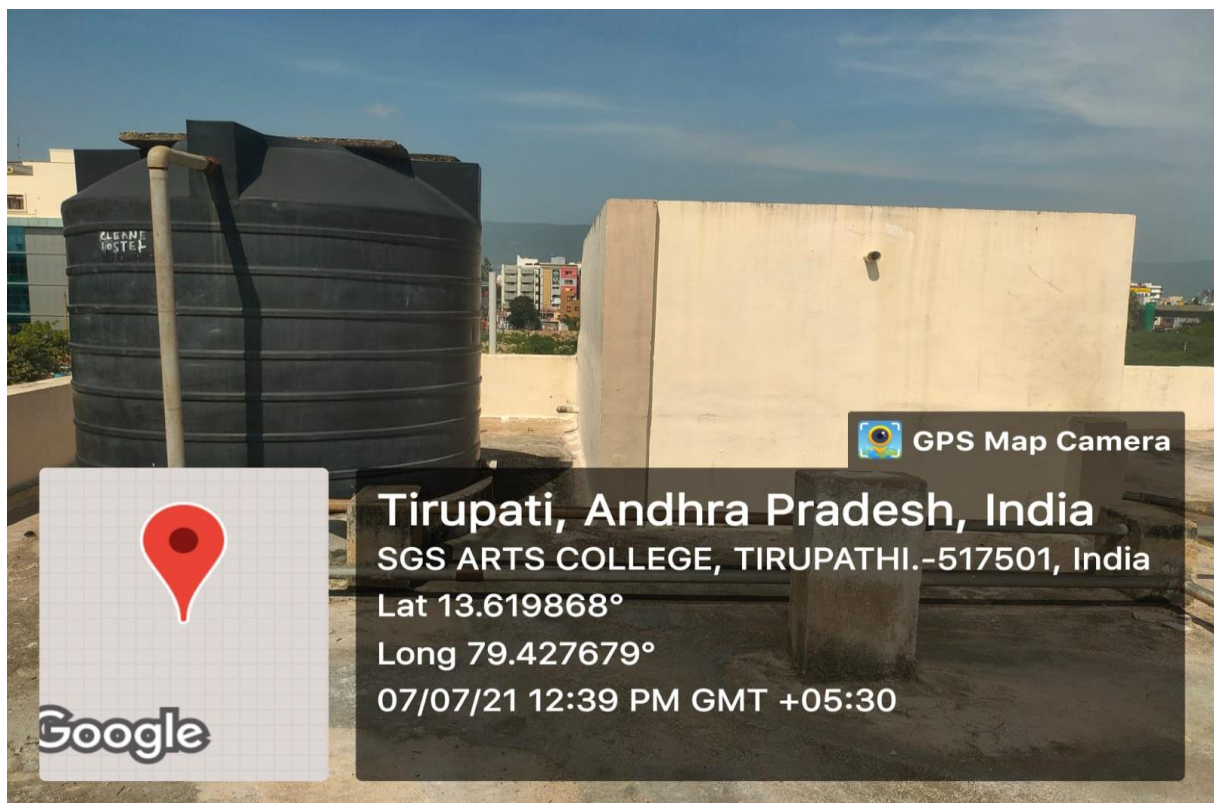
## Bore well/ Open well recharge







### Construction of Tanks and Bunds

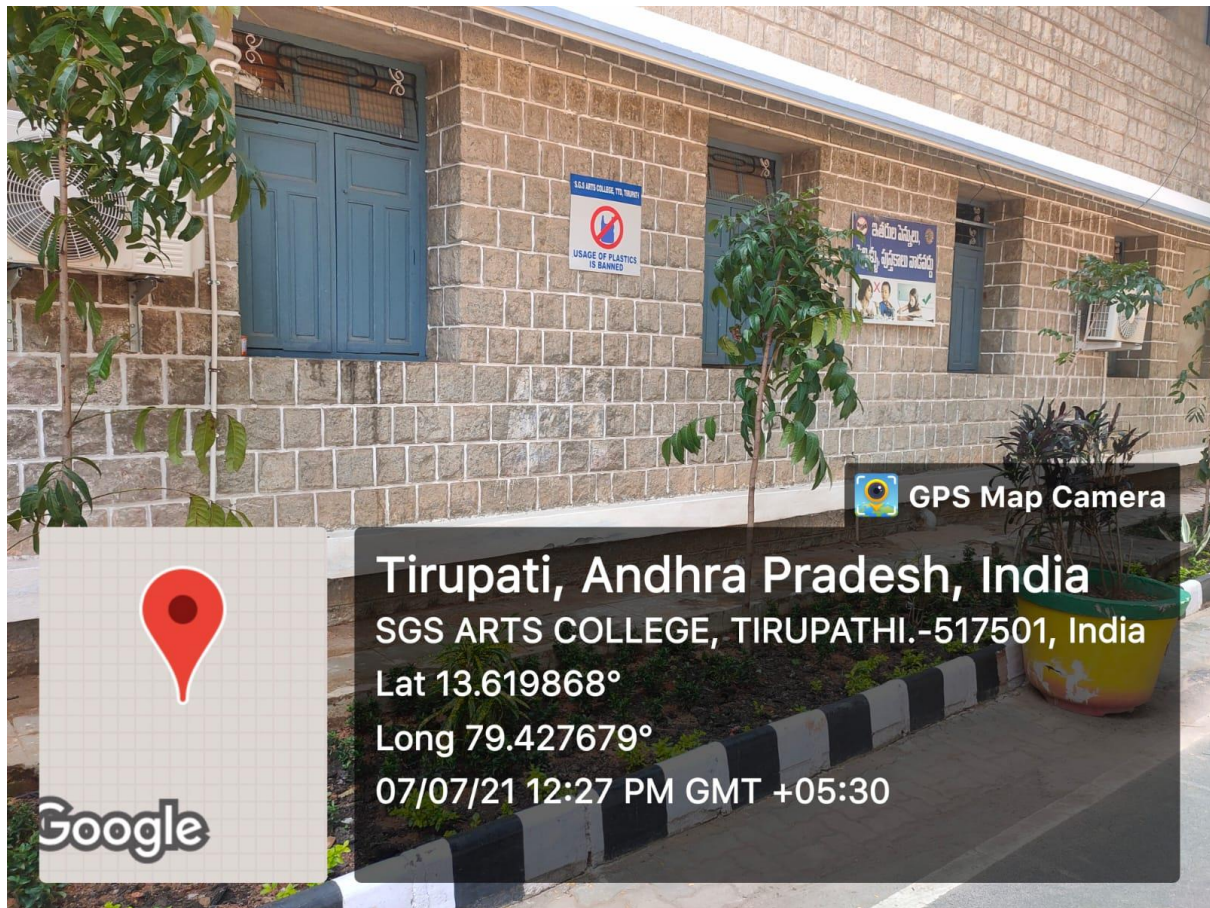




### Waste Water Recycling









## Maintenance of Water Bodies and Distribution systems in the Campus

