



**J.V.R GOVERNMENT COLLEGE, SATHUPALLY, KHAMMAM Dist. TS.**  
(Affiliated to Kakatiya University, Warangal)  
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## **7.1.4 Water Conservation Facilities**

### **GEOTAGGED PHOTOGRAPHS OF THE FACILITIES**

- **Rain water harvesting**
- **Borewell /Open well recharge**
- **Waste water recycling**

# 1. RAIN WATER HARVESTING



## Pipe lines for collection from Roof top area



## Conduits



## Conduits in Harvesting system



## 2. BORE WELL / OPEN WELL RECHARGE



### 3. WASTE WATER RECYCLING





Sathupally, Telangana, India  
SH 42, Sathupally, Telangana 507303, India  
Lat N 17° 12' 43.182"  
Long E 80° 49' 28.10388"  
13/01/22 11:38 AM



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## **7.1.4 ANY OTHER RELEVANT INFORMATION**

### **WATER CONSERVATION FACILITES AVAILABLE IN THE INSTITUTION**





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## **RAIN WATER HARVESTING FOR GROUND WATER RECHARGE**

Eco-club is in Agreement with Sri Sarvaraya Sugars Limited, Bottling Unit, Sathupally for Rain water harvesting for Ground water recharge.

It harvests the rain water collected over the class rooms block terrace.

It has a catchment area of 631.48 sq.m and capacity of 644.11 m3.

It has a max depth of 240 feet.

## **OPEN WELL RECHARGE**

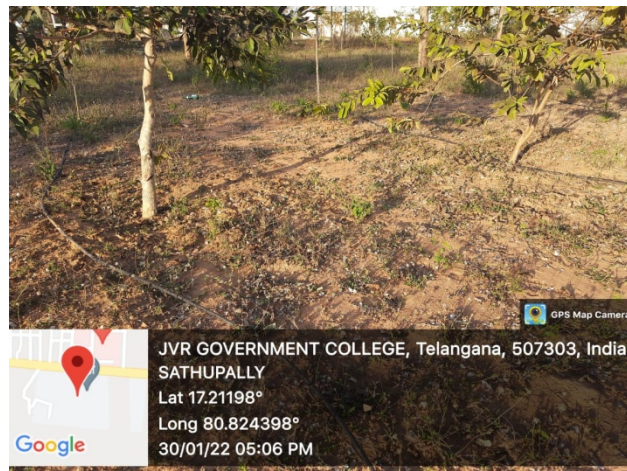
Open well is recharged during rainy season and tube well irrigation is connected.

Drip irrigation system uses the water from open well at fruit garden in the campus which is of 4155 sq.mts.

## **WASTE WATER RECYCLING**

Waste water in the campus is very well tapped and used for different purposes. Water conservation is one of the priority areas of the institution. The college has a Campus Area of 12.25 acres (49574 sq.mts), Built-up Area 12335.5 sq. mts. It has a Botanical garden of 1461.36 sq.mts, Arboretum of 6178.42 sq.mts and Fruit garden of 4155 sq.mts. The waste water is channeled in to Gardens, Arboretum to minimize the use of municipal water.

### **Drip Irrigation at Fruit Garden**



## AGREEMENT WITH BOTTLING UNIT

*Sri Sarvaraya Sugars Limited* **kinley**

regd. Office:  
2 Ethiraj Salai, Egmore  
Chennai 600 008, India  
Tel.: (91)(44) 2827-6182  
E-Mail: chennai@srisarvarayasugars.in


Bottling Unit - Sathupally  
CIN : U01115TN1956PLCO03435

Sathupally 507 303  
Khammam District  
Telangana, India  
Tel.: (91)(8761) 283430  
Fax: (91)(8761) 282372  
E-Mail: coca-cola@srisarvarayasugars.in

### RAIN WATER HARVESTING

The Rain Water Harvesting Projects taken up by M/s Sri Sarvaraya Sugars Limited, Bottling unit, Sathupally to a number of 1 (One) have been dug in our premises and the same will be maintained before pre-monsoon and post monsoon properly by M/s JVR Degree college Sathupally and the filter media will be cleaned by M/s Sri Sarvaraya Sugars Limited Bottling unit, Sathupally on yearly basis.

Handed Over By  
For Sri Sarvaraya Sugars Ltd  
  
(R. JAGADEESWARA RAO)  
Asst. Manager  
BOTTLING UNIT.

Taken Over By  
  
PRINCIPAL  
J.V.R.GOV'T. COLLEGE  
SATHUPALLY-KHAM.DT.

Link for ECO Club on College Website:

<https://ccets.egg.gov.in/Uploads/files/buttonDetails/58860.pdf>