

**Parvatibai Chowgule College of Arts and Science**  
**Autonomous**

*7.1.4 Water conservation facilities available in the Institution*

*Other relevant information*

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# **1. Water management on campus**

The following measures are taken for the management of water:

## **1. RAIN WATER HARVESTING**

The rain water coming from roof tops and that flowing within the campus are collected in percolation pits, constructed at all feasible points in the campus recharge ground water. Ground water retention is enhanced by covering open spaces by pavers and lawn.

## **2. CONSTRUCTION OF CONTOUR TRENCH**

A contour bund of size 240 m x 1m x 1m is created along one boundary of the college for the percolation of rain water.

## **3. RE-USAGE OF WASTE WATER**

Wastewater discharged as effluent from septic tank and canteen wastewater are used for gardening, watering of trees etc.

## **4. MAINTENANCE OF WATER DISTRIBUTION SYSTEMS IN THE CAMPUS**

The ground water is pumped into storage tanks located at different places in the campus. There are overhead storage tanks in the campus. The water is distributed through well laid pipe network. Entire distribution system is well supervised by management 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 stakeholders of the college are well educated to use water economically and efficiently.

## 2. Activities conducted

- The Department of Geology organized a one day workshop on ‘Geophysical Methods for Groundwater Exploration Using Resistivity Method’ for the students of S.Y.B.Sc, Groundwater and Hydrogeology course under DBT star scheme. The objective of the workshop was to cover the theory and practical aspects of geophysical exploration using resistivity meter & to give them an experience of field data collection & interpretation. The resource person for the workshop was Mr. Smitesh Talawadkar, Proprietor and Managing Director of Terra Hydrotech Solutions. The workshop was held on 21st December, 2020. 15 students attended the session and Mr. Malcolm Afonso was the coordinator, faculty, from the Department of Geology.



- Mr. Ashish Ashwini, Assistant Professor, Department of Geography, participated in a one-day National Seminar on ‘Water Resource Management Using Geospatial Technology (WRMGT-2021)’, organized by Department of Geography, Rajarshi Shahu Mahavidhyalaya (Autonomous), Latur (MS) on 18<sup>th</sup> February, 2021.
- Dr. Anil Yedage, Assistant Professor, Department of Geography, was invited as Resource Person for a National seminar on ‘Water Resources Management Using Geospatial Technology’ conducted by Rajarshi Shahu Mahavidhyalaya (Autonomous), Latur, Maharashtra on 18<sup>th</sup> February, 2021.