

#### 7.1.4 Water conservation facilities available in the Institution:

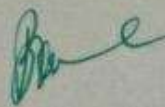
1. Rain water harvesting
2. Construction of tanks and bunds
3. Waste water recycling
4. Maintenance of water bodies and distribution system in the campus

RESPONSE: As Vikas College of Engineering & Technology is located in rural area, there is no Municipal Water supply for the college. The college depends on ground water for all its water needs. Hence, efficient usage of available water and adaptation of water conservation measures are essential.

The following measures are taken for the conservation of water:

1. RAIN WATER HARVESTING: Run off generated in the campus is collected using a Check dam constructed in the campus on a natural drain passing through the campus. The stored water percolates into the ground to recharge ground water. The rain water coming from roof tops and that flowing within the campus are collected in five numbers of rain water harvesting pits of 2m x 2m size each, constructed at all feasible points in the campus recharge ground water.
2. CONSTRUCTION OF CONTOUR TRENCH: A contour bund is created along boundary of the college for the percolation of rain water.
3. USAGE OF WASTE WATER: RO water is used for watering of trees and cleaning the buses.
4. MAINTENANCE OF WATER DISTRIBUTION SYSTEMS IN THE CAMPUS: The ground water is pumped into storage tanks located at different places in the campus. The water is distributed through pipe network. Drinking water after treating in RO plant is supplied through a separate set of distribution pipes and water for all other purpose is supplied through another set of distribution pipes. All the stakeholders of the college are well educated to use water economically and efficiently.



  
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**7.1.4 Rain Water/ Bore well/ Tanks and bunds / Waste Water/ Water Bodies**

**1. Rain Water Harvesting pits**



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## 2. Bore well/ Water Bodies: Ground water from bore well



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**3. Waste Water Recycling: RO discharge water being used for plant and cleaning of buses**



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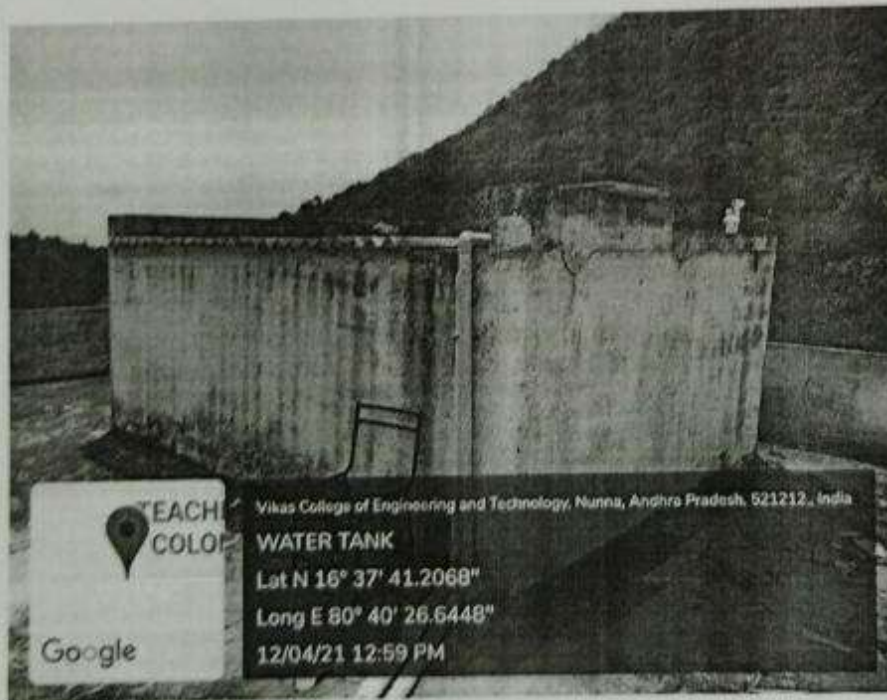
#### 4. Check Dams:



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### 5. Rain water harvesting pond & water Tank



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