



HAJEE KARUTHA ROWTHER HOWDIA COLLEGE (AUTONOMOUS) UTHAMAPALAYAM

7.1.4 Water conservation facilities available in the Institution:

1. Rain water recharging pits

- Recharging of ground water is implemented by the college thereby conserving the water from its inception and practice vigorously.
- These technologies where surface runoff is effectively collected during rain periods. It has been very helpful to augment the ground water.
- Our college has been maintaining 17 rain water recharging pits. Each building in the college is connected with rain water pits of different measurements.
- The total amount spent in constructing rain water recharging pits is Rs. 2, 75,000. These rainwater harvesting structures support the recharge of ground water.

Name of the Document: Rain water recharging pits (sample photos)



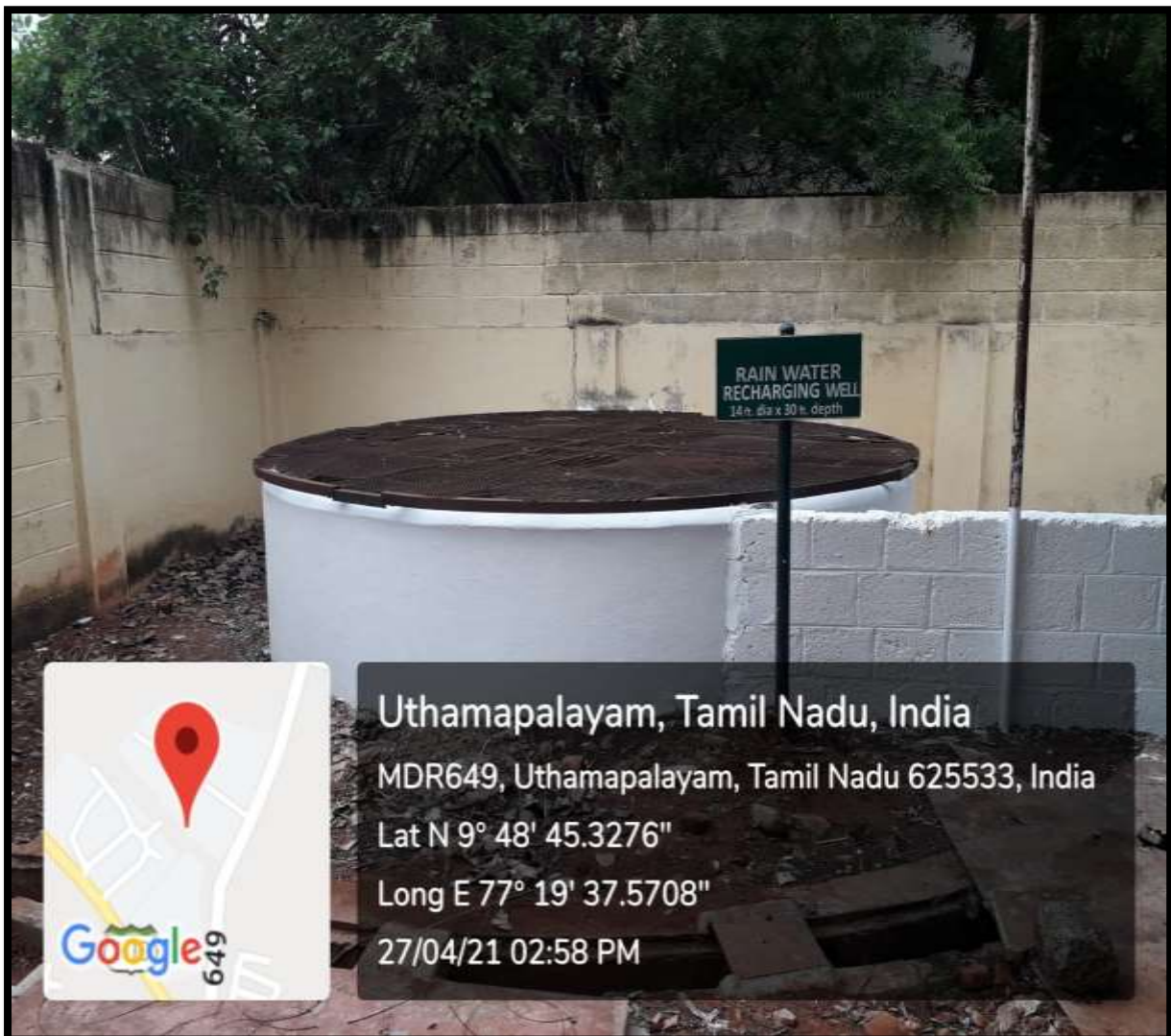
Name of the Document: Rain water Recharging pits (sample photos)

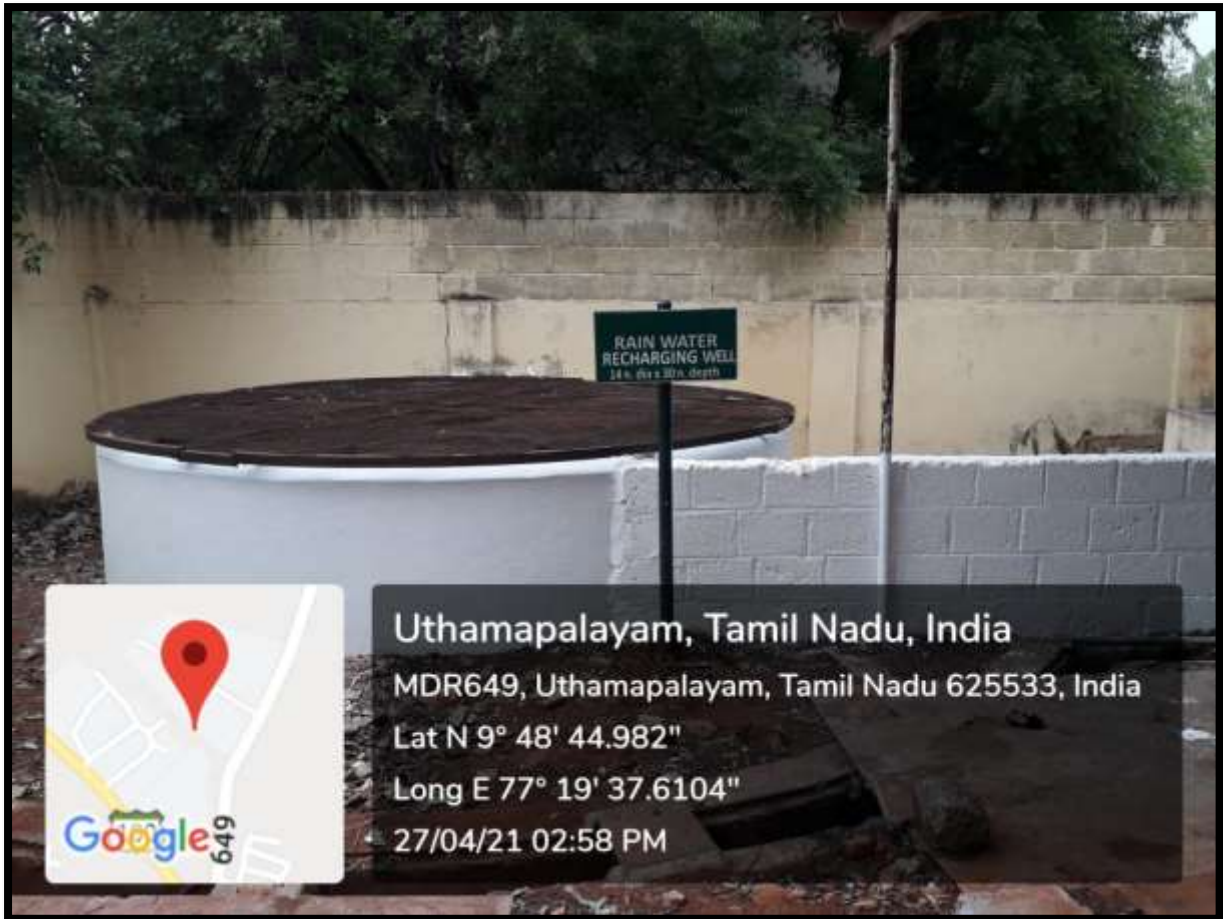


2. Borewell /Open well recharge

- The rain water from the roof top are directed by means of bunds, roads and walkways and finally rain water is brought to the recharge open well.
- A recharge open well is provided with the top most sand layer below the ground.
- It then enters through the slits and filters down into the underlying aquifer where it is stored for the dry season.

Name of the Document: Open well recharge





3. Construction of tanks and bunds

- The rain water are directed by means of bunds to the recharging pits, thereby conserving the ground water.
- By the construction of bunds, the surface runoff is effectively collected during rain periods. It has been very helpful to augment the ground water.

Name of the Document: Bund

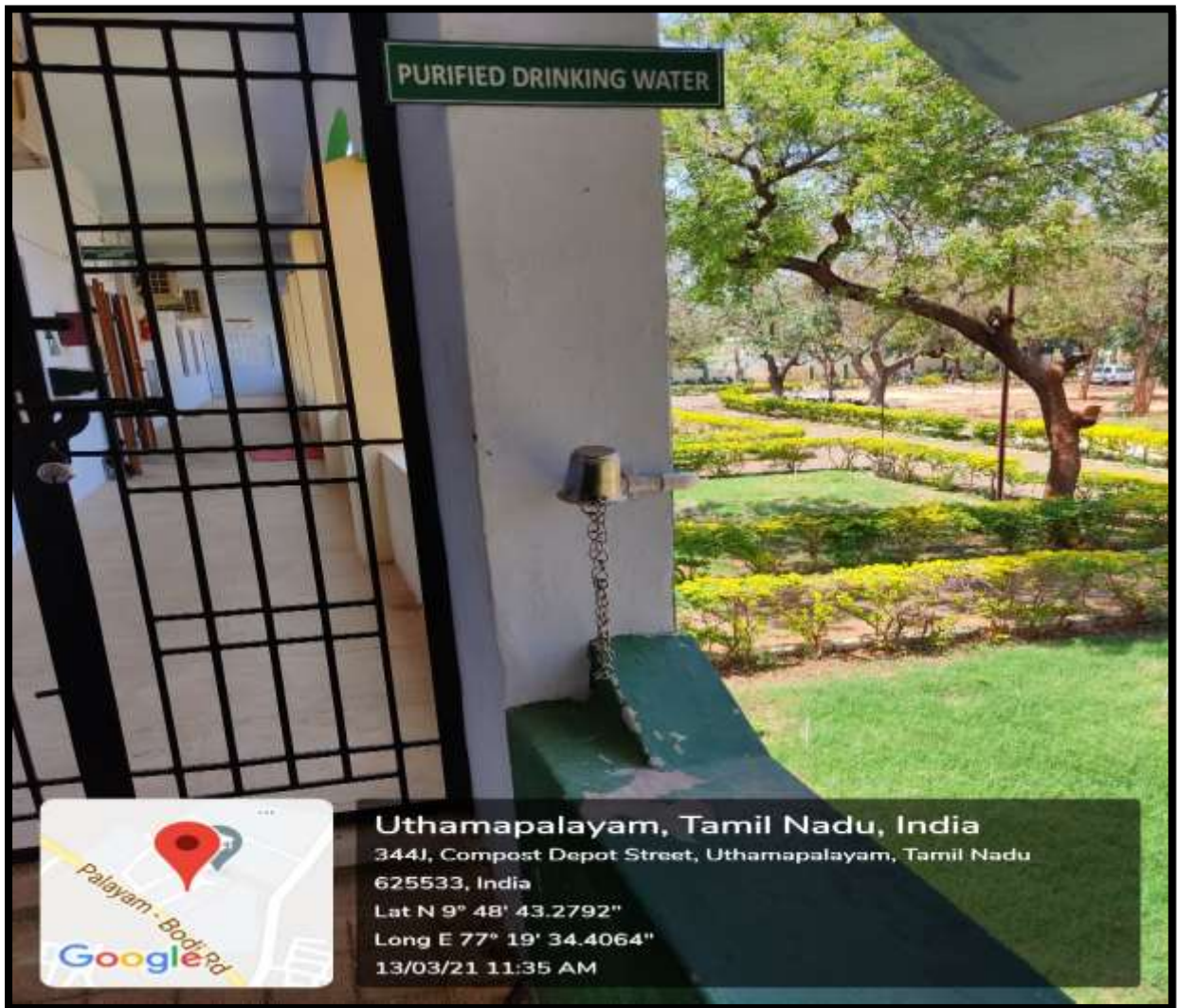
4. Maintenance of water bodies and distribution system in the campus

- The three borewells inside the campus cater the total requirement of the college by six water tanks of different capacities.
- The College has a RO plant of 6000 liters capacity which generates 12,000 liters of waste (grey) water and reused for gardening purposes.
- The college does not depend upon or buy public water supply from outside the campus. The overflow of water from the tank are directed to the garden area.
- Students and faculty members of the institution are oriented by different programmes about water conservation.
- 5 number of pumps (1 no. of 7.5 HP, 1 no. of 5 HP, 3 nos. of 15 HP) are used for pumping water in the college and hostel. The total running hours of the pump is approximately 10 hours.

Name of the Document: RO plant



Name of the Document: Purified Drinking water tap



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