



SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF EDUCATION

(An Autonomous College Affiliated to the Tamil Nadu Teachers Education University and
Re-accredited with A++ Grade by NAAC with CGPA 3.82)

Sri Ramakrishna Vidyalaya Post, Coimbatore - 641 020.

Ph: 8012533915 E-mail: srkvcoen@yahoo.co.in Website : www.srkvcoe.org

Water Management and Conservation Initiatives

Sri Ramakrishna Mission Vidyalaya College of Education has water management and conservation system in the form of

1. Rain Water Harvesting
2. Waste Water Recycling
3. Reservoirs/Tanks/ Bore Wells
4. Economical Usage/ Reduced Wastage

1. Rain Water Harvesting in the Campus

Water management has become the need of the hour as climatic changes have become a threat to the present generation. Due to rapid increase in day-to-day demand for water among fast growing human population, there lies a great opportunity of harvesting rainwater to meet the scarcity of water and avoid destruction of the normal groundwater level. The boon of rainwater harvesting is that the unused rain water can be sent down the aquifer to charge the groundwater level.

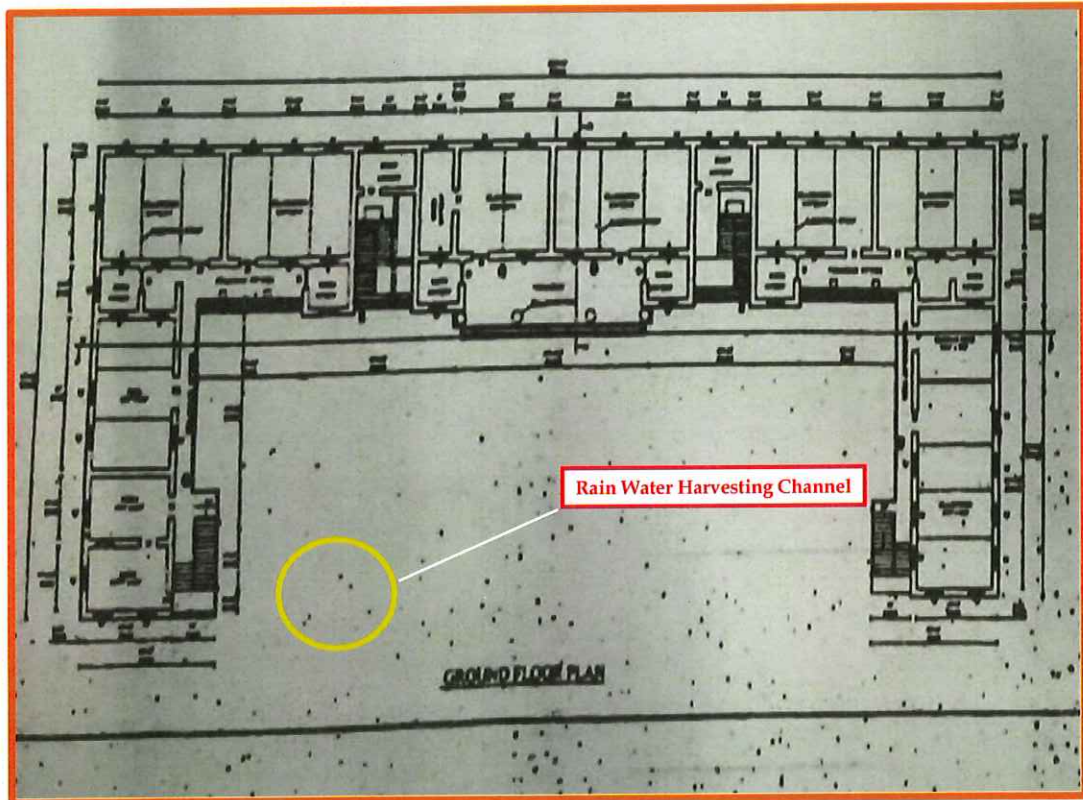
In the Ramakrishna Mission Vidyalaya campus rainwater harvesting system has been installed in all the institutions and hostels. The College of Education has rainwater harvesting system in the campus. The roof top rain water is collected through network of pipe lines/channels and stored in the rain water harvesting wells constructed at all feasible points in the campus that recharge ground water. Also runoff water is allowed to infiltrate in the ground for recharge. The stored rain water is used for various purposes such as gardening, watering of plants, sanitation and washing of vehicles.



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Rain Water Harvesting Channel

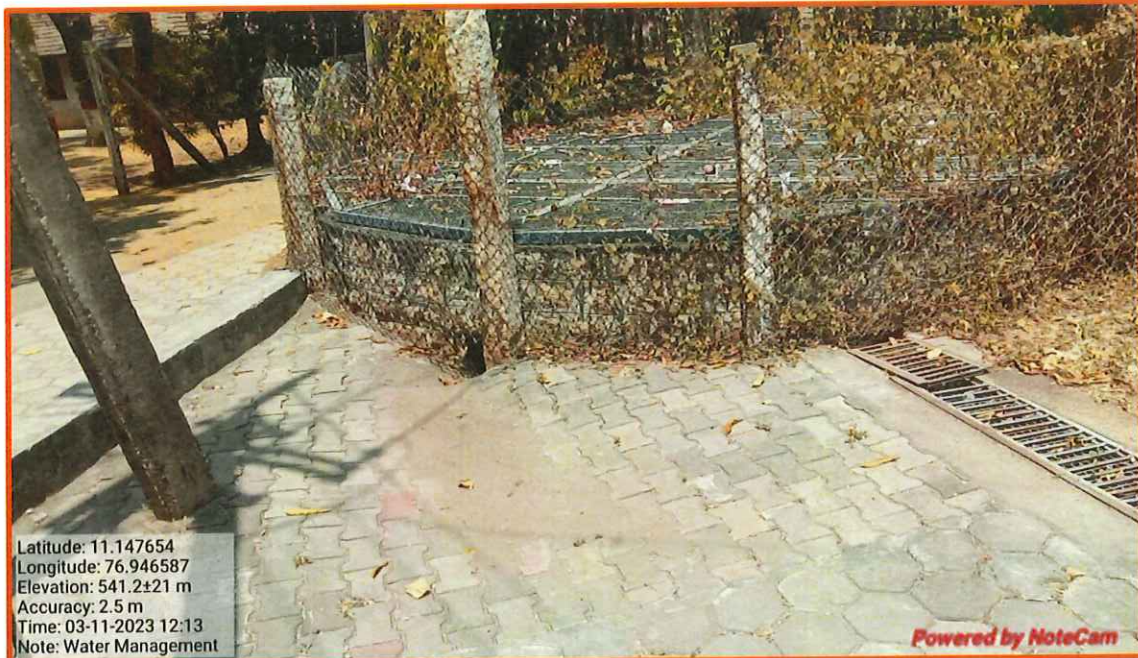



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Rain Water Harvesting Channel



Rain Water Harvesting Well




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2. Waste Water Recycling


Sewage Treatment Plant is installed in Vidyalaya campus to remove contaminants from sewage to produce an effluent that is suitable to discharge to the surrounding environment or an intended reuse application, thereby preventing water pollution from raw sewage discharges. In this process toxins, pollutants, and contaminants are removed from the sewage to produce clean water reused later on for the environment. The treated water from sewage is utilized for various purposes that include gardening, landscape irrigation and flushing.

Sewage Treatment Plant



Watering Trees using Recycled Waste Water

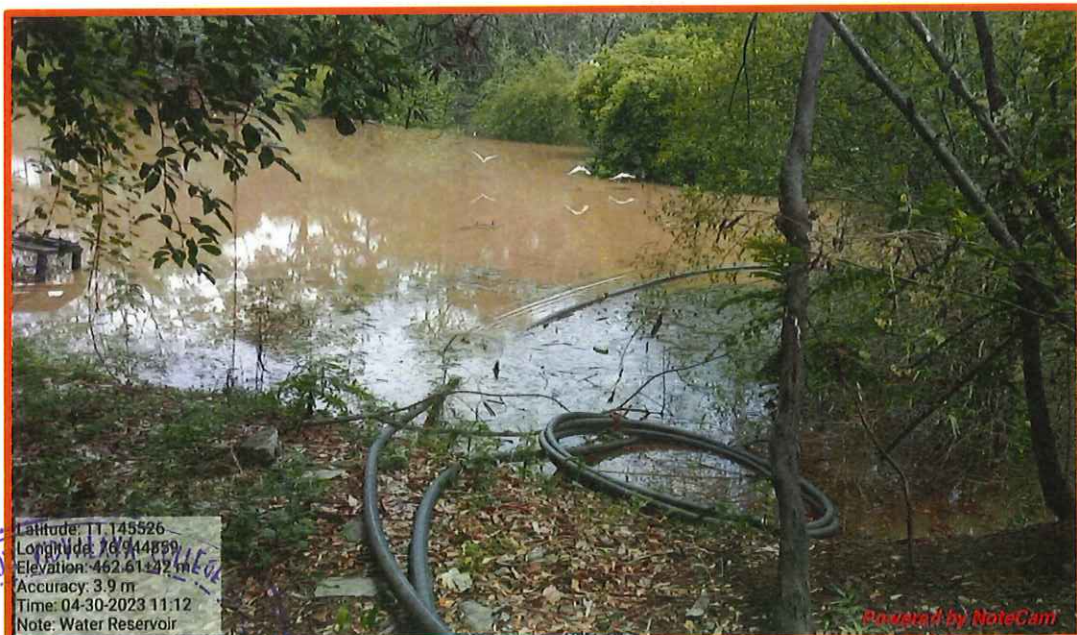




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3. Reservoirs / Tanks / Bore Wells in the Campus

The College of education is using tanks for clean water storage and water distribution system in the campus. Water from the wells, bore wells and water from local panchayat are collected and stored in the water tanks. The water from the tank is distributed to hostel. Thus, the institution saves water and reduces water scarcity.

Reservoirs




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Reservoirs




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Water Tank



Bore Well




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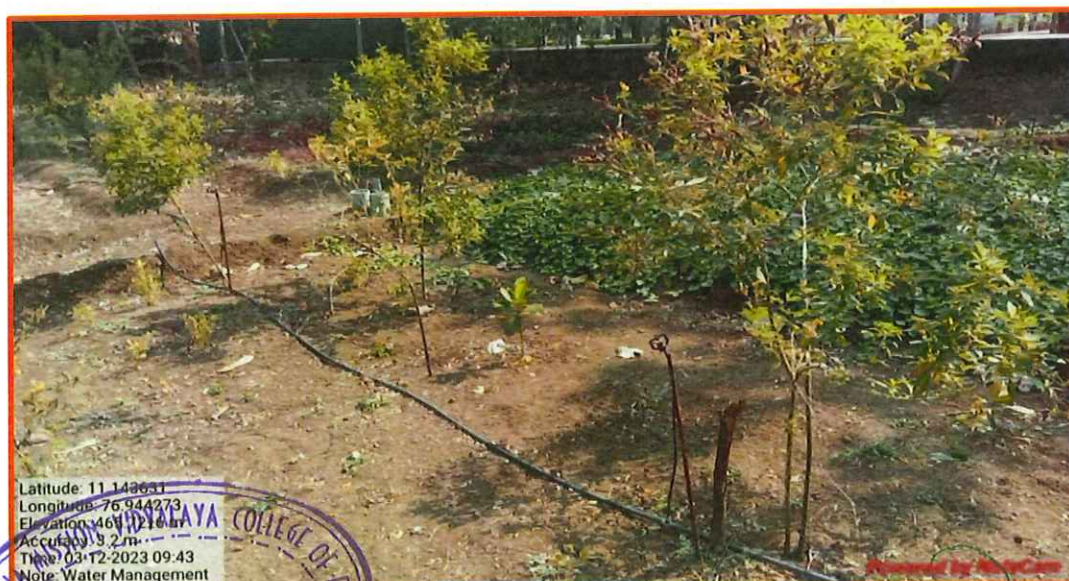
4. Economical usage / reduced wastage

The institute ensures that the water wastage is minimized at an optimal level. The pipe lines are under regular check; hence no loss of water is observed by any leakages. Overflow of water from overhead tanks are monitored and water wastage is reduced. For the economical usage of water, the waste water from the wash basins and waste water from the hostel bathrooms are directed to the garden. To follow economical usage of water in its campus, the institution has sent Water Conservation Notice to the faculty and student teachers.

Water Saving Taps



Watering Plants using Waste Water



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