

7.1.4 WATER CONSERVATION FACILITIES

The college has sufficient water from the existing resources, within the campus for the use of all the students, for both day scholars and hostellers.

Rain Water Harvesting

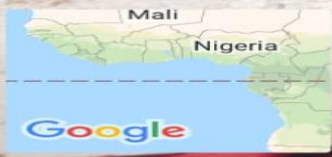
The college has well structured Rain Water Harvesting System since 2009 with different types of collection pits to harvest the terrace water and the runoff water. New pits have been created during the construction of new buildings in the campus and are linked with the existing pits-points for rain water harvesting.



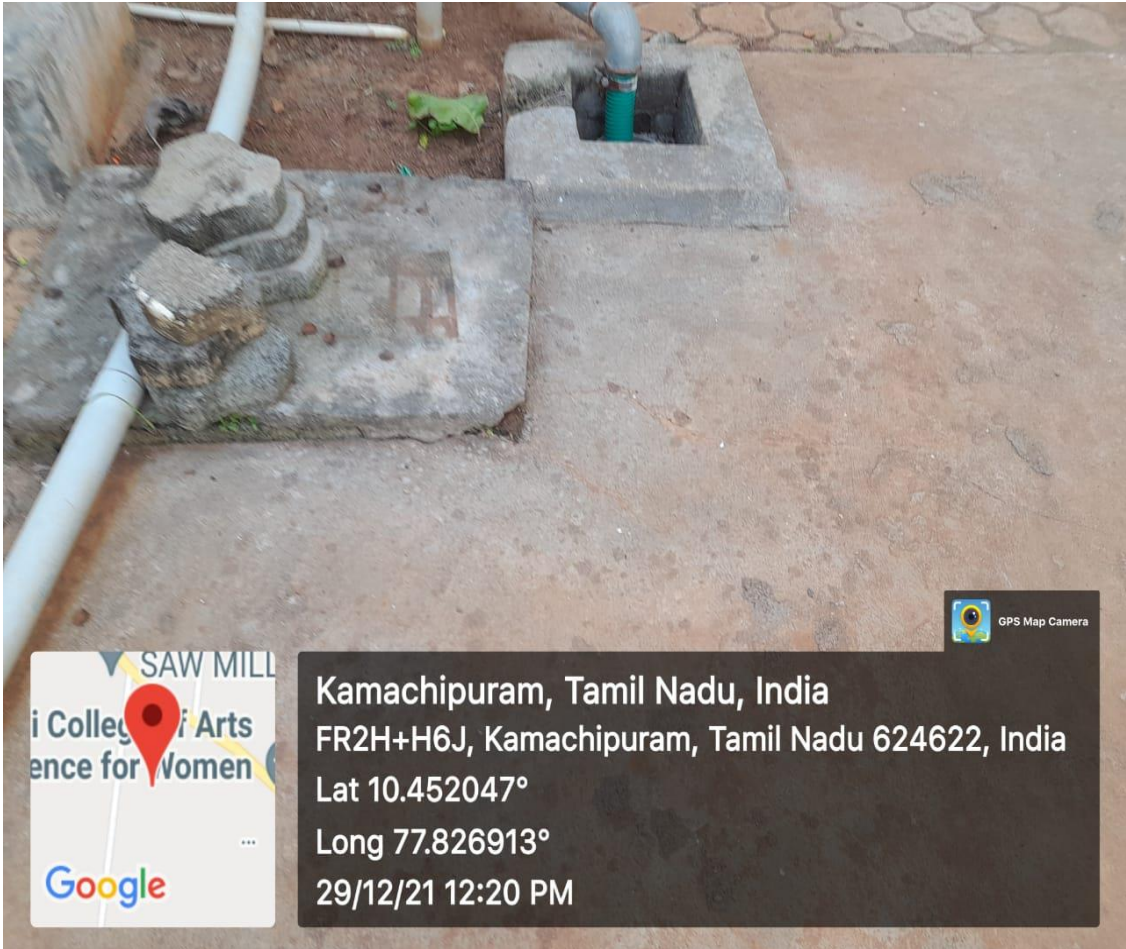


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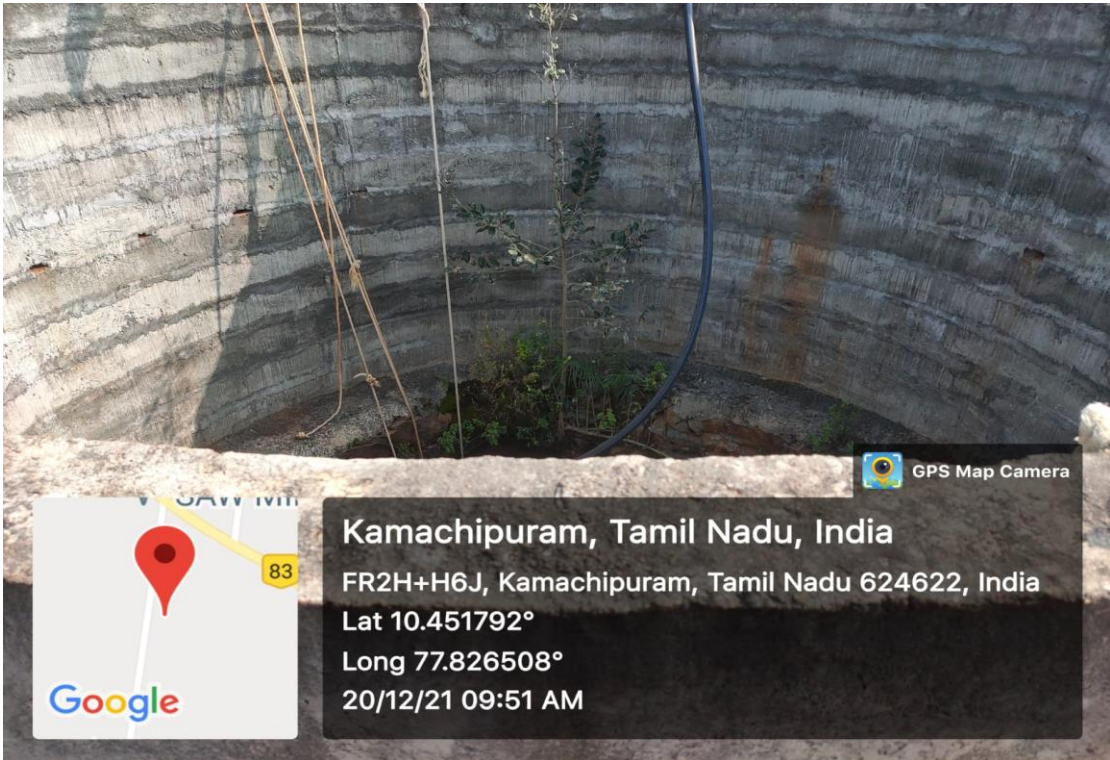


Borewell / Open Well Recharge

The borewell system has been constructed in 2009 and the maintenance work is perennial. The quality of the borewell water is being tested periodically. There is a big and vast open well, which does the function of generating water as well as recharging itself by collecting the run off rain water. The recharge well fulfills the complete water need of the college.







Construction of Tanks and Bunds

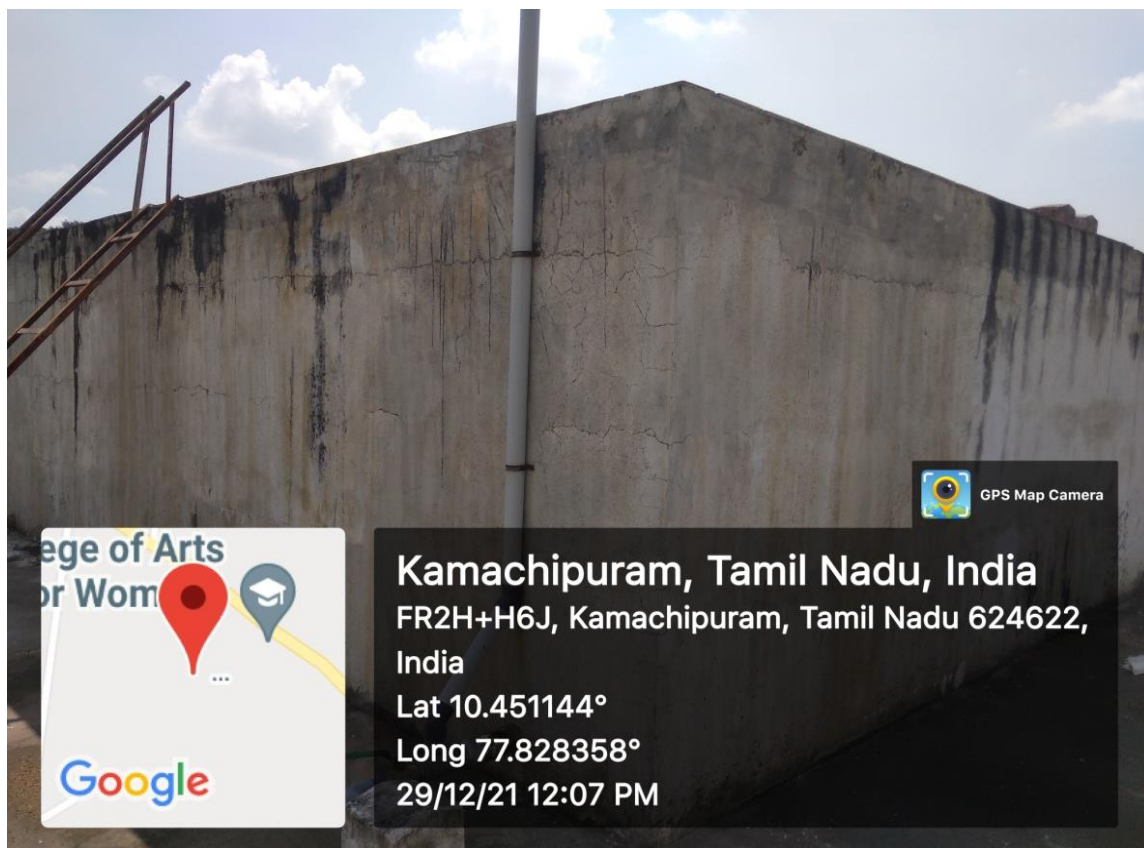
As the college is set up in the rural background, it is blessed with natural water bunds. These get filled with rain water and enrich and maintain the water level in the campus. There has never occurred scarcity of water by the presence of these natural resources.

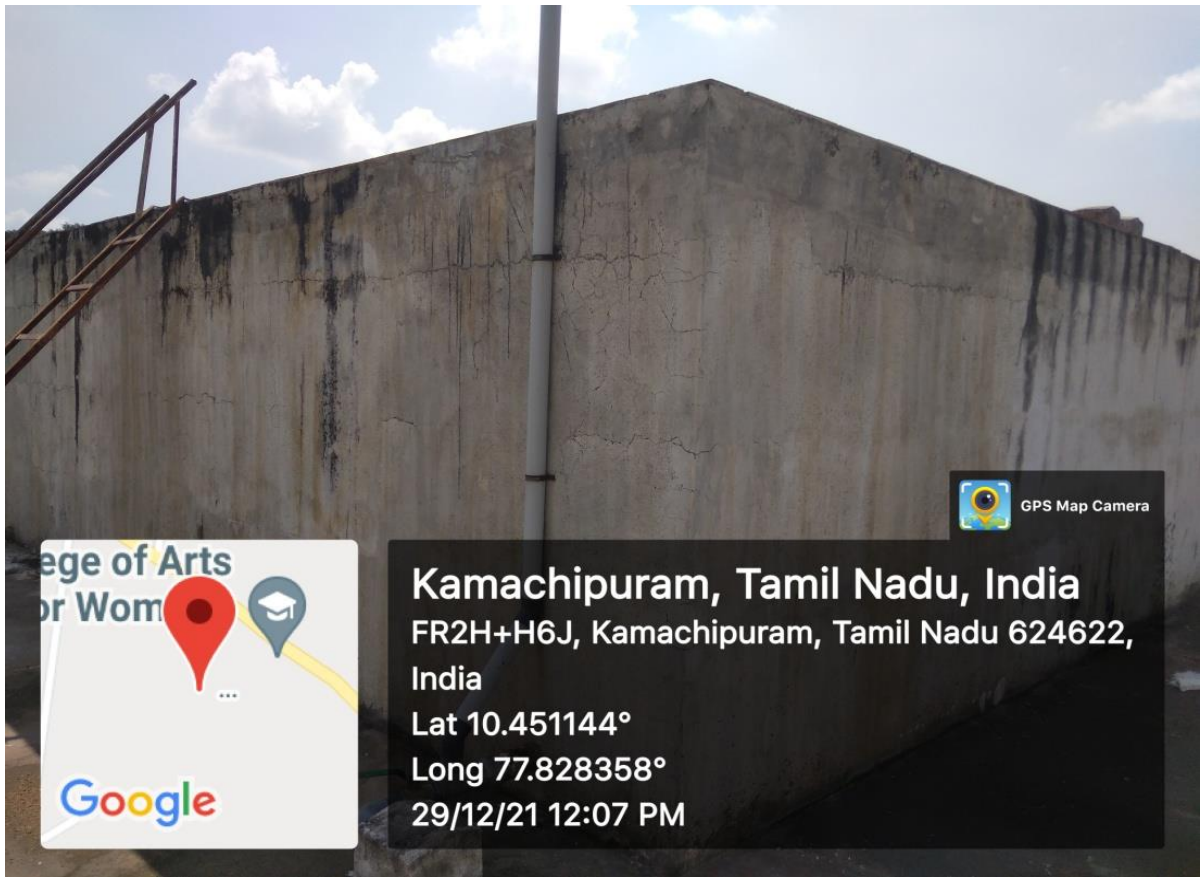


The water storage tank is built at the ground level and maintained with utmost care. The tanks, constructed in the open terrace are filled every morning by pumping up the water from the storage tank. This storage system ensures the eer availability of water.



The ground water is pumped into storage tanks located at different places in the campus. There are nine numbers of over head storage tanks and one Elevated Service Reservoir in the campus. The water is distributed through well laid pipe network.

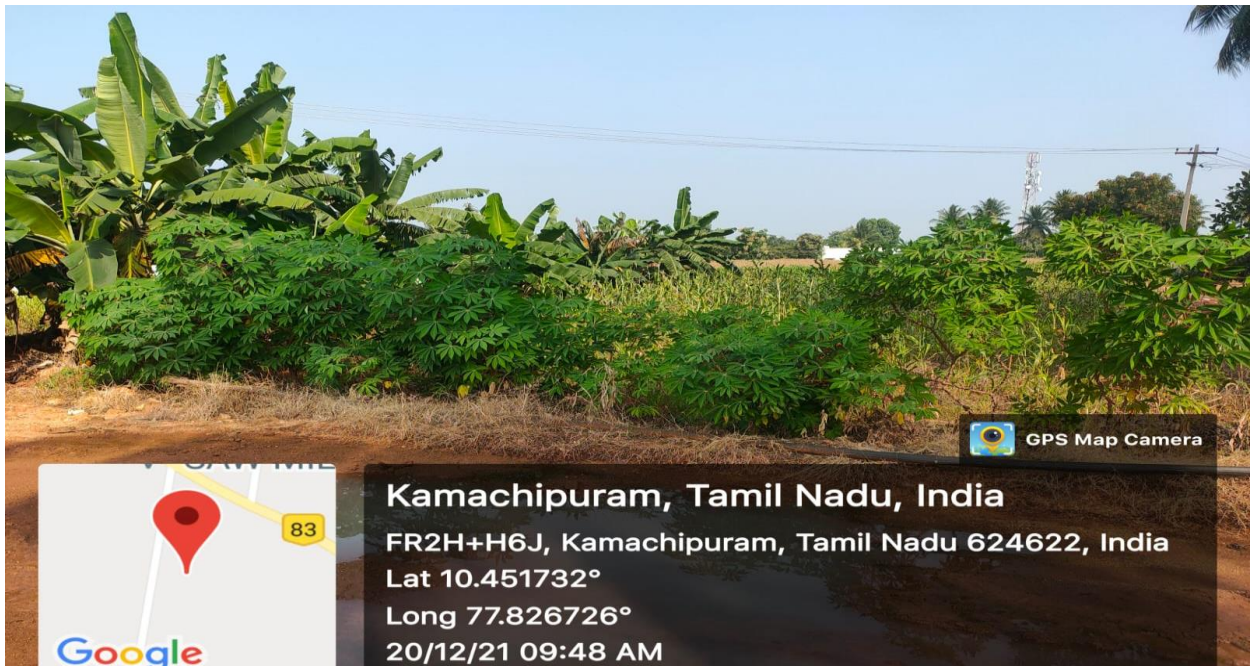




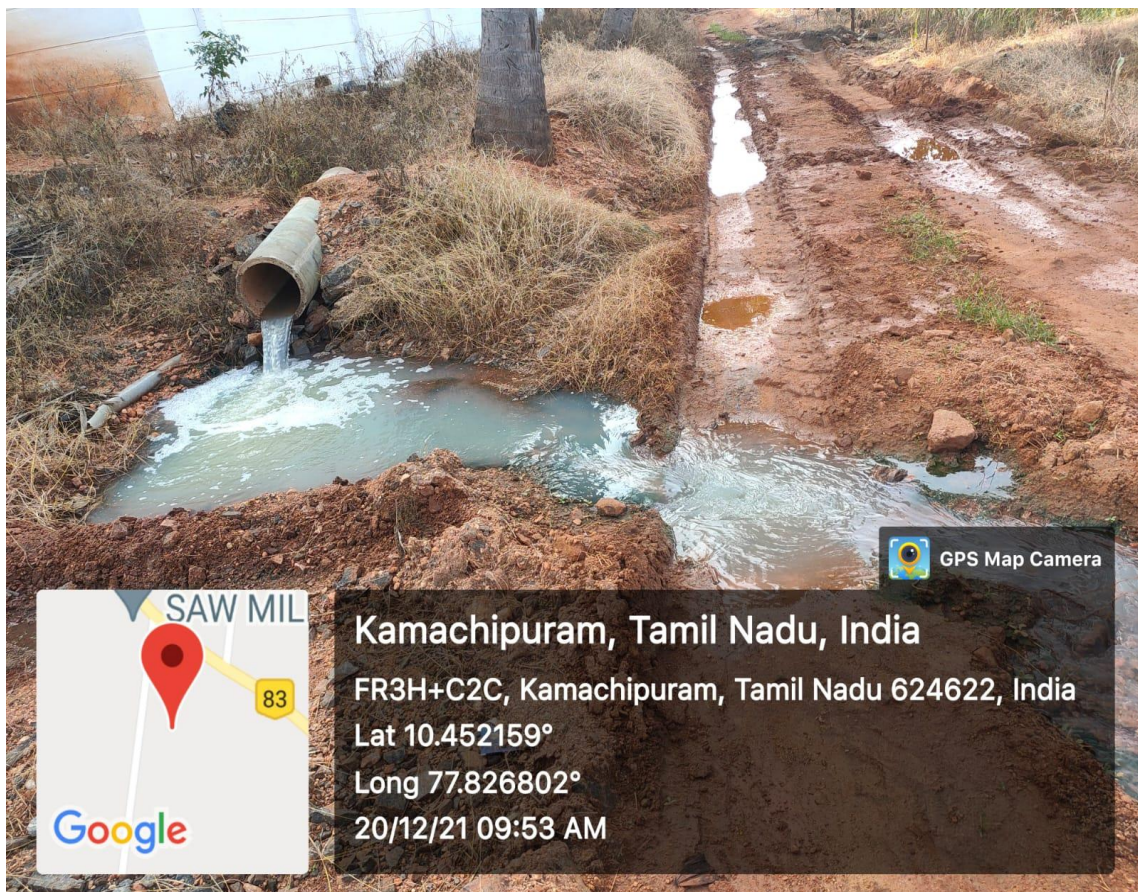
Waste Water Recycling

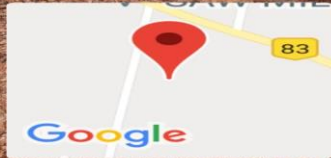
The college nurtures a Rain Garden. Other than the Rain Water harvesting pits, there is a construct in the campus to collect rainwater from roofs, pipes and driveways etc. The water stored is used for raising a Rain Garden.





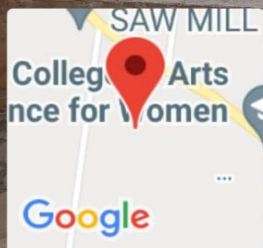
Man-made water recycling, also known as water reclamation or water reuse, centres on using treated wastewater. The used water, which flows into the drainage from the hostel is recycled and reused as a part of natural water resource. It is also used to water the plants in the landscape and the Organic Garden, nurtured by the institution.





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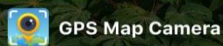
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Maintenance of water bodies and distribution system in the campus

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. Entire distribution system is well supervised 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.







