

Water conservation facilities available in the institution:

1. Rainwater harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

Options:

- A. Any 4 or All of the above
- B. Any 3 of the above
- C. Any 2 of the above
- D. Any 1 of the above
- E. None of the above

Answer: A. Any 4 or All of the above

Rainwater harvesting

The rainwater from roof tops and run off within the campus are collected in harvesting pits to recharge the ground water. The rainwater is channelized properly to recharge the ground water level thereby reducing the dependence on water supplied by bore well. Besides natural percolation tanks, concrete storage tanks have also been built



Rainwater Collecting Pits

Rainwater Collecting Pits



Rain water harvesting



Rain water harvesting

Borewell /Open well recharge

The institute has Borewell /Open well at required places in the campus.
Institute has natural recharge which happens as rain falls on the land surface, infiltrates into soils, and moves through pore spaces down to the water table.





Borewell recharge





CONSTRUCTION OF TANKS AND BUNDS

Our college has constructed tanks and bunds to enhance rainwater harvesting and promote groundwater recharge. The tanks and bunds constructed in the college not only conserve water but also contribute to maintaining the greenery and ecological balance on campus."





Tanks and bunds





Water bodies in NRCM

Waste water recycling

The college has a well-designed drainage system to effectively use recycle and reuse wastewater. RO unit produced 40% purified water and 60% wastewater. It's a significant amount of water waste. The plumbing system in the college has been changed in such a way, the RO wastewater is collected in Syntax tanks and reused for toilets.





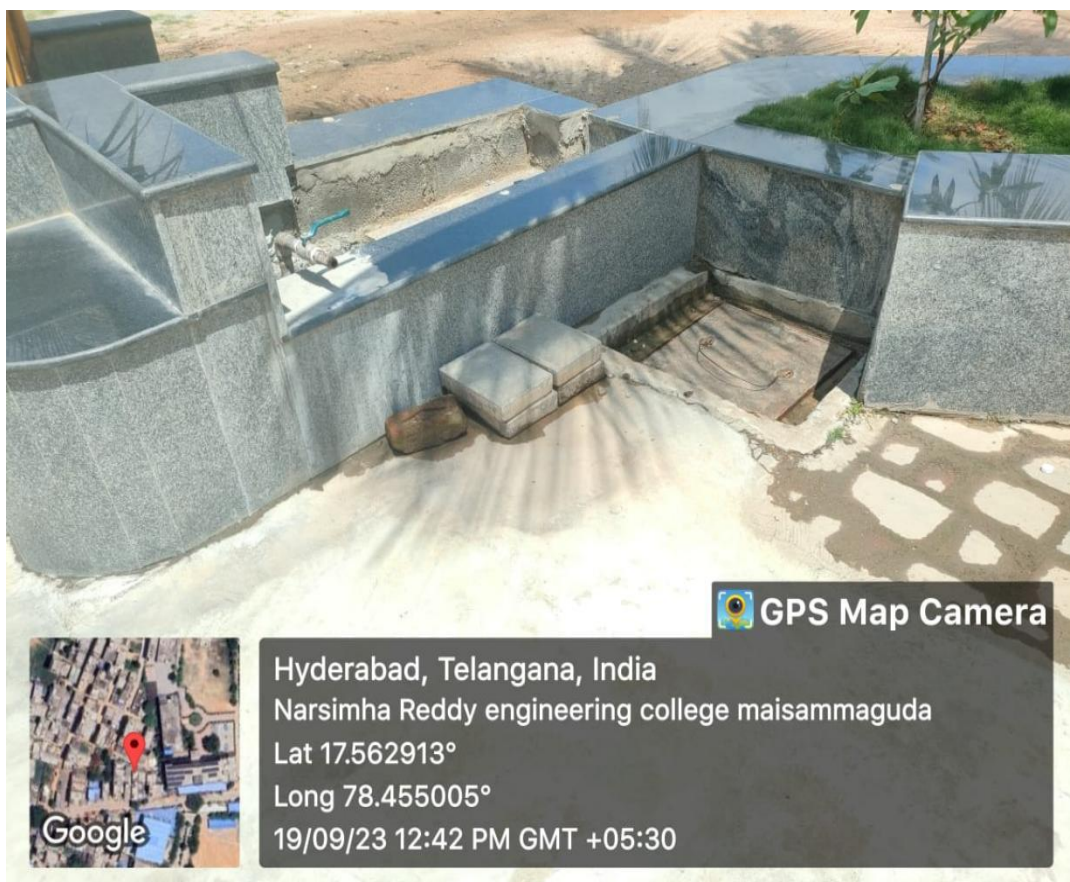
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Maintenance of water bodies and distribution system in the campus

The ground water is pumped into storage tanks located at different places in the campus. There are few numbers of overhead storage tanks. The water is distributed through well laid 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. Entire distribution system is well supervised by Civil works people to ensure that there are no leakages and wastage 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






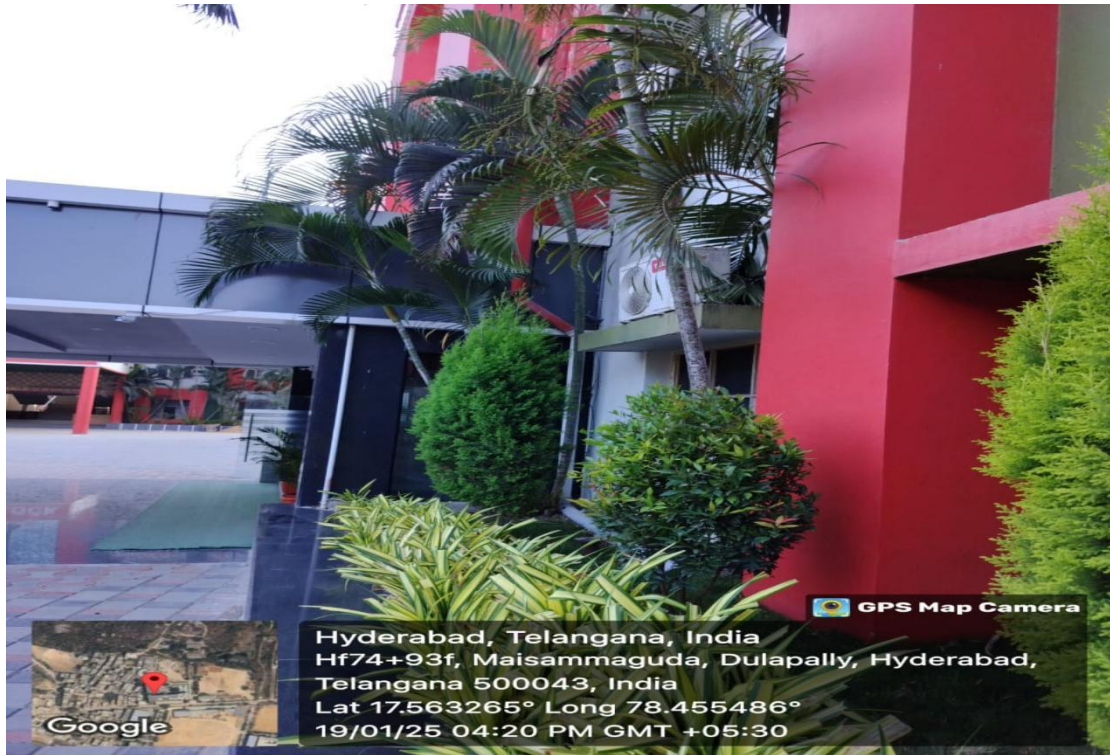
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