

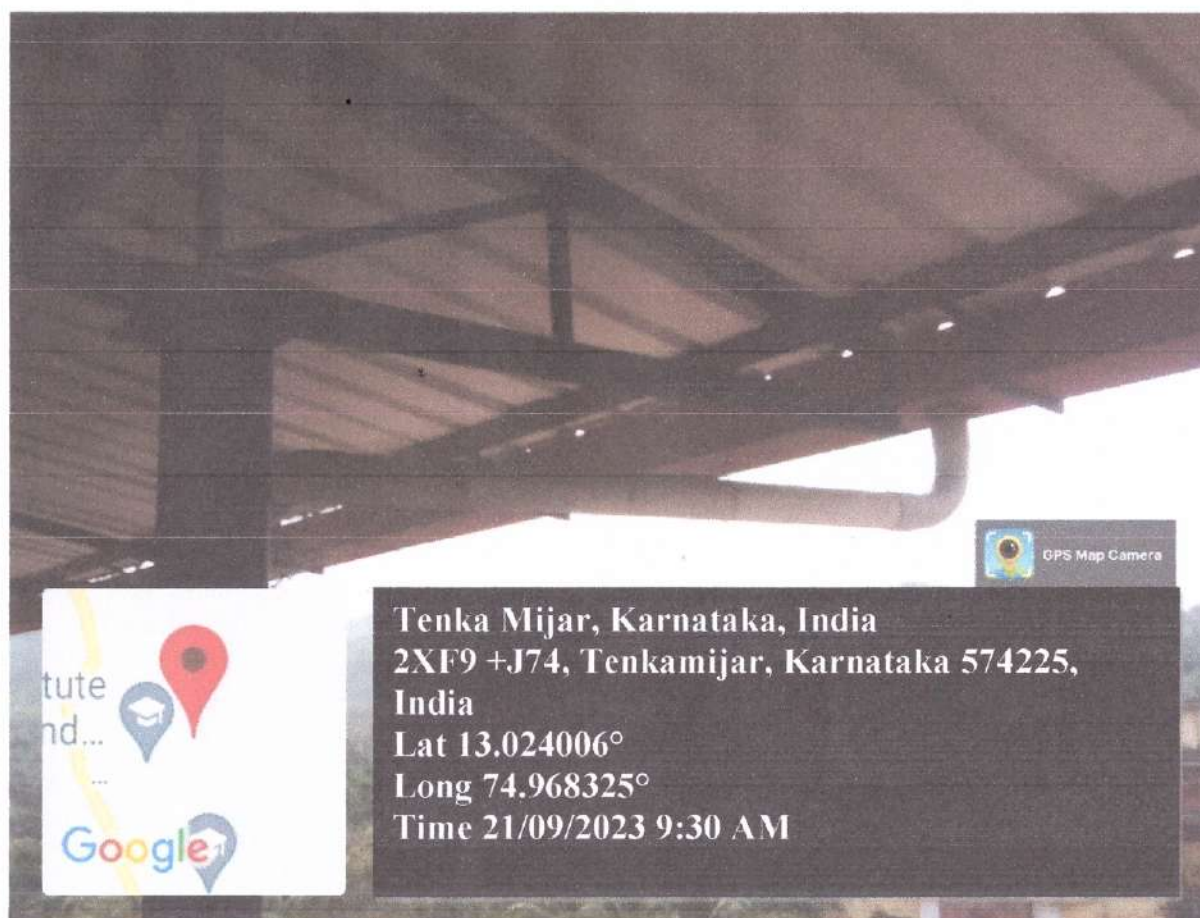
7.1.4 Water conservation facilities available in the institutions

List of projects under water conservation facilities

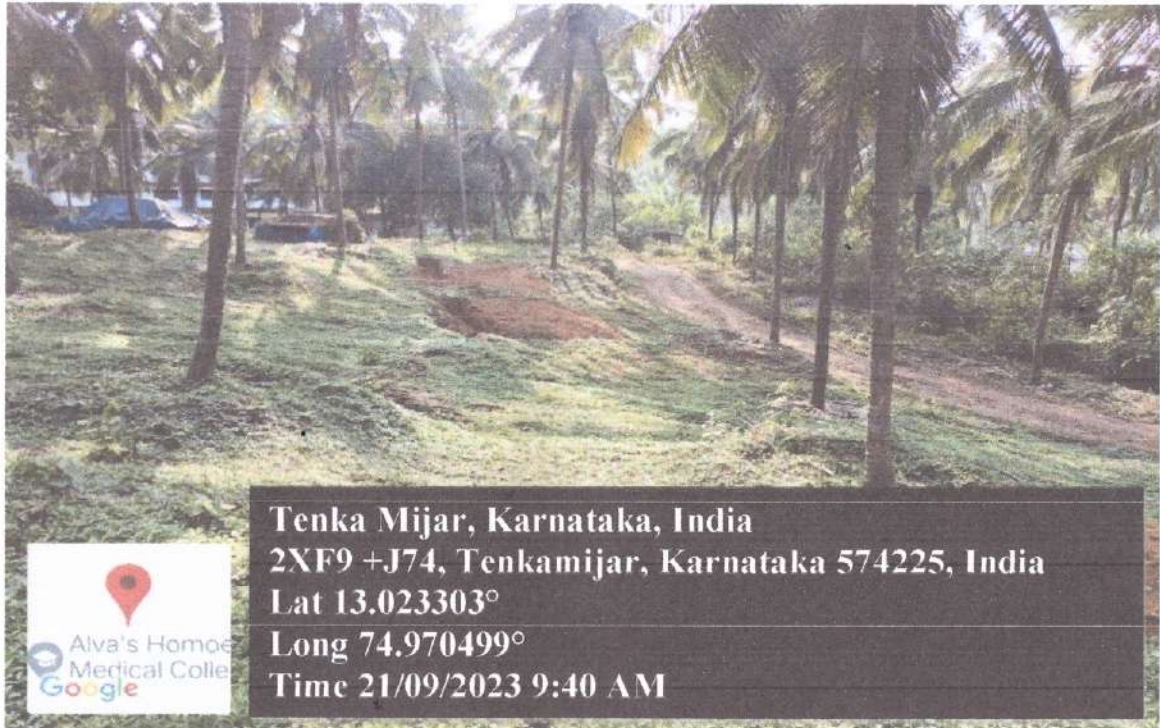
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1. Rain water harvesting

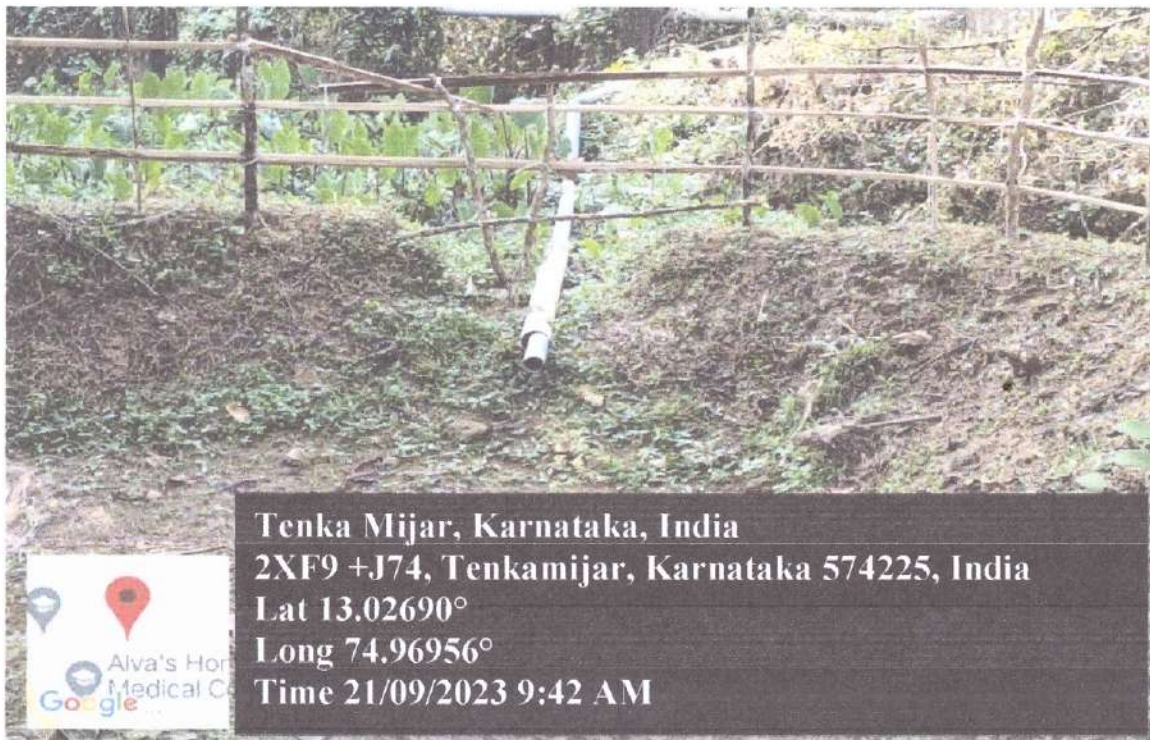
AIET has rain water harvesting facility in the campus. In this, roof top rain water collected, infiltrated through percolation pit and also roof top rain water collected from Hostel, channelized to rainwater harvesting pond.



Roof rain water harvesting conduit



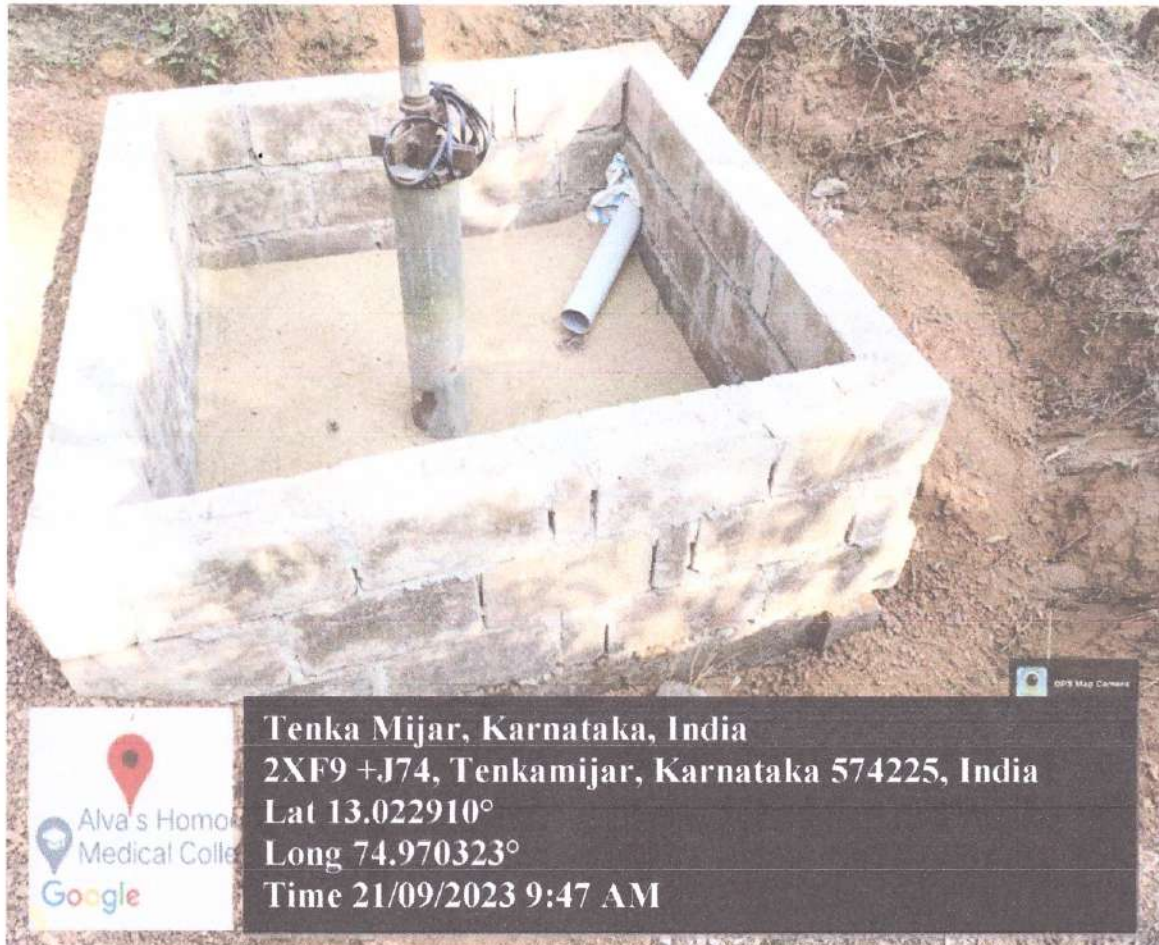
Rain water harvesting percolation pit



Kumaradhara Hostel D block Rooftop water channelized through Drain pipe to natural pond

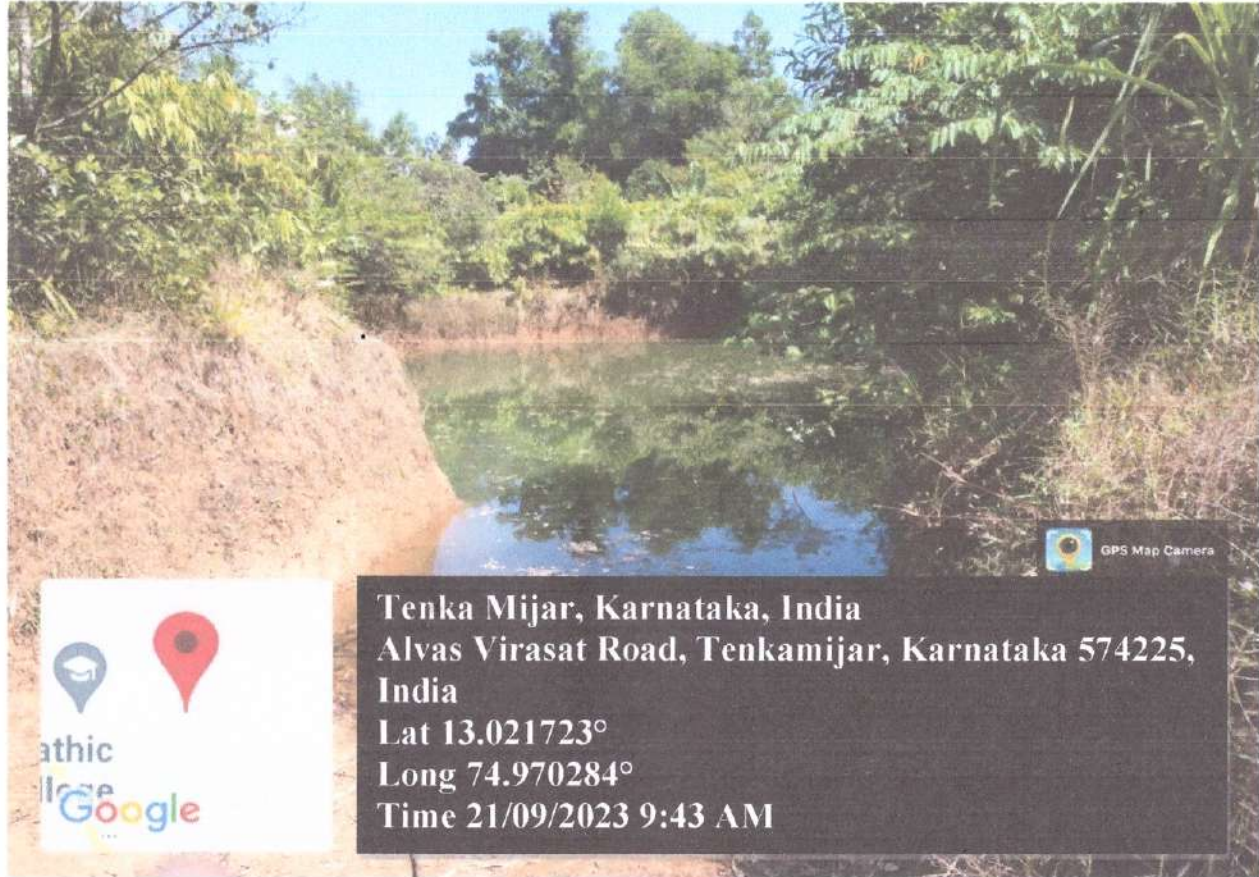
2. Bore well/Open well recharge

Bore well recharging system consists of pit of 2 x 2 x 2 m dimensions filled with Stones, Gravel and Sand. This unit filters the runoff water receiving through field trenches.



Bore well Recharge pit

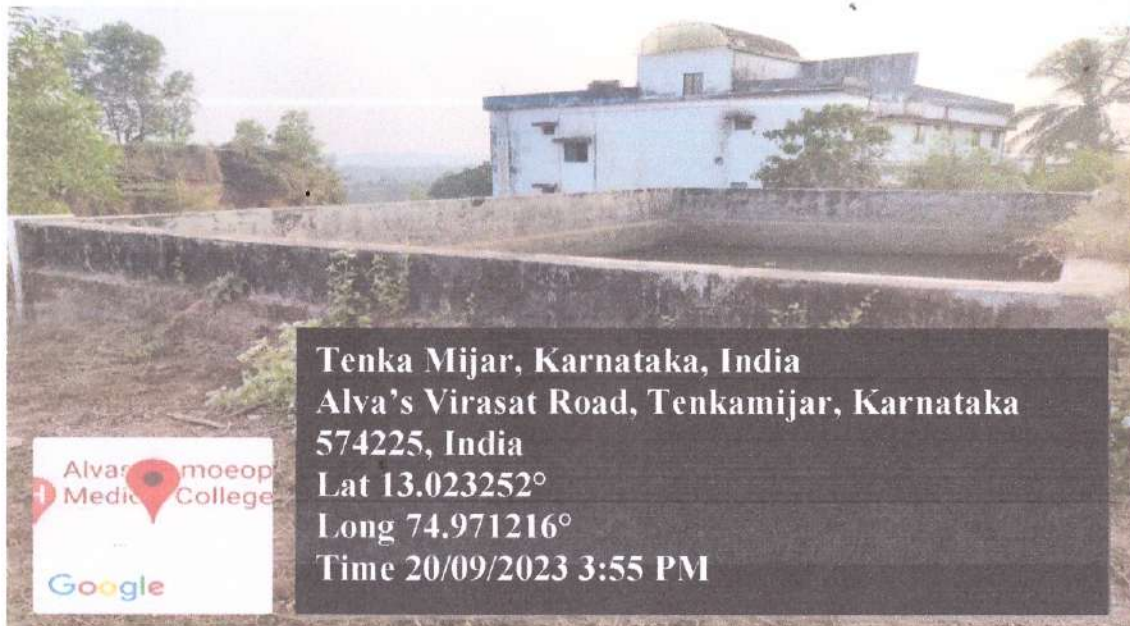
3. Construction of tanks and bunds



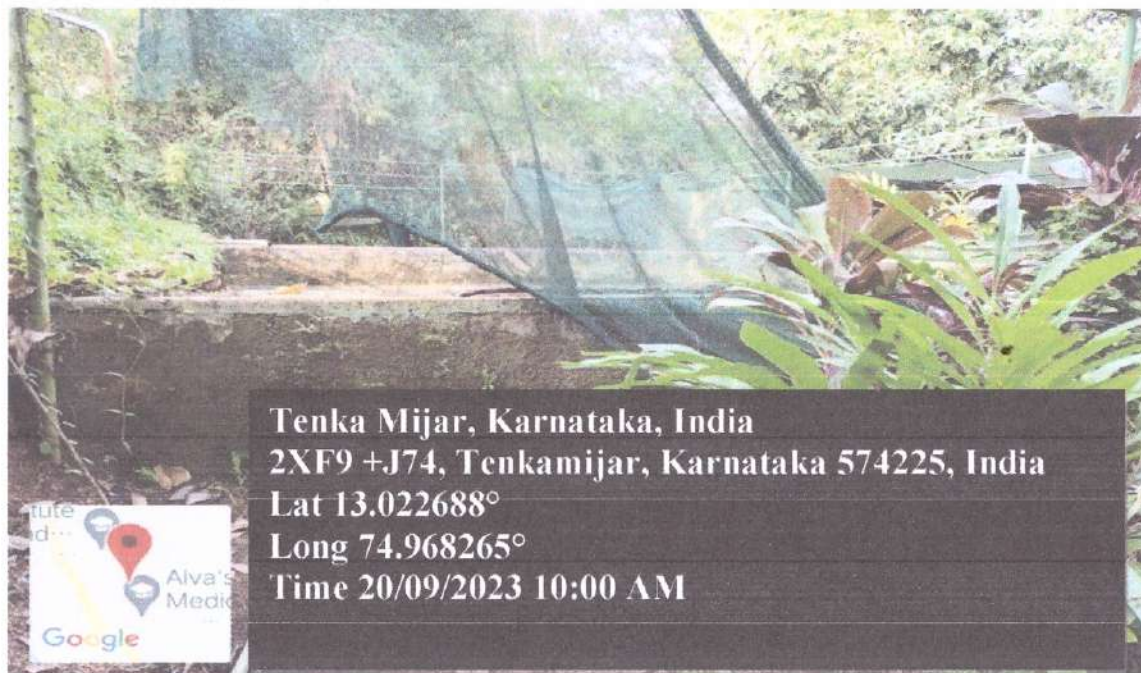
Constructed tank in Bird's park of AIET Campus

4. Waste Water Recycling

The waste water from individual blocks is collected at sewage points of the concerned blocks and collected waste water (solid, semi-solid & slurry) in storage pit having capacity of 5 lakh liter. Recycled water is using for cultivation area and garden.



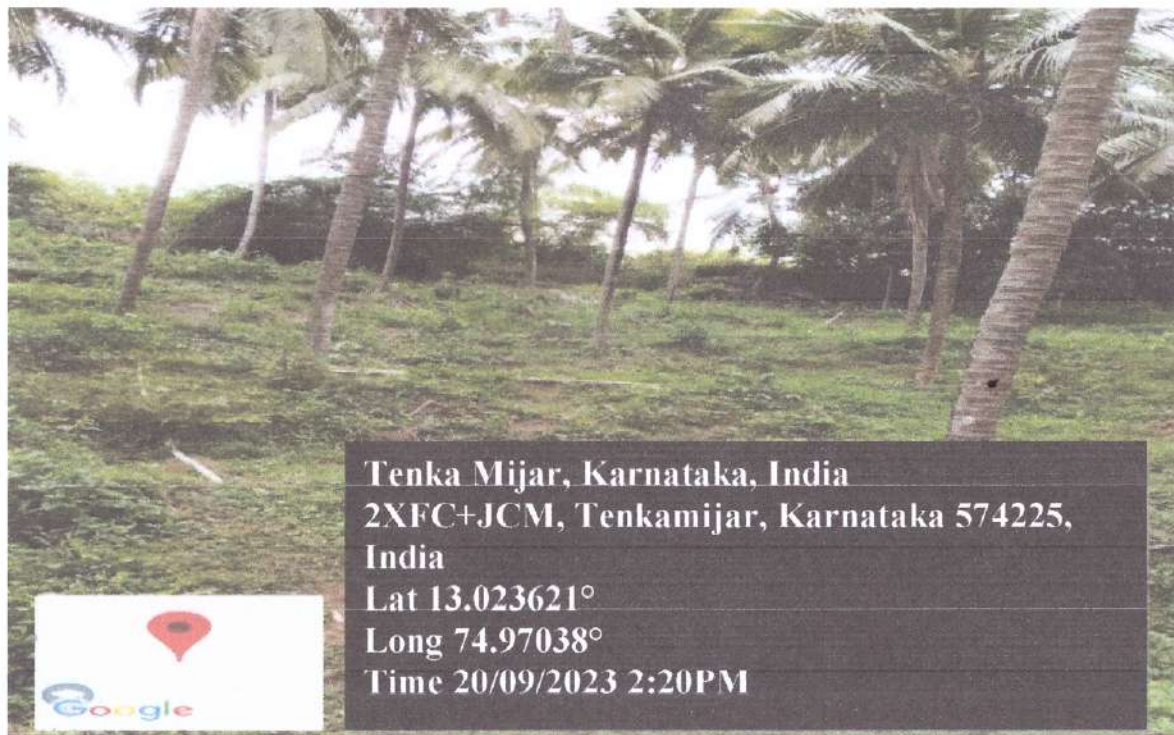
Recycled Water storage tank near Virasat ground



Recycled water storage tank at Shobhavana



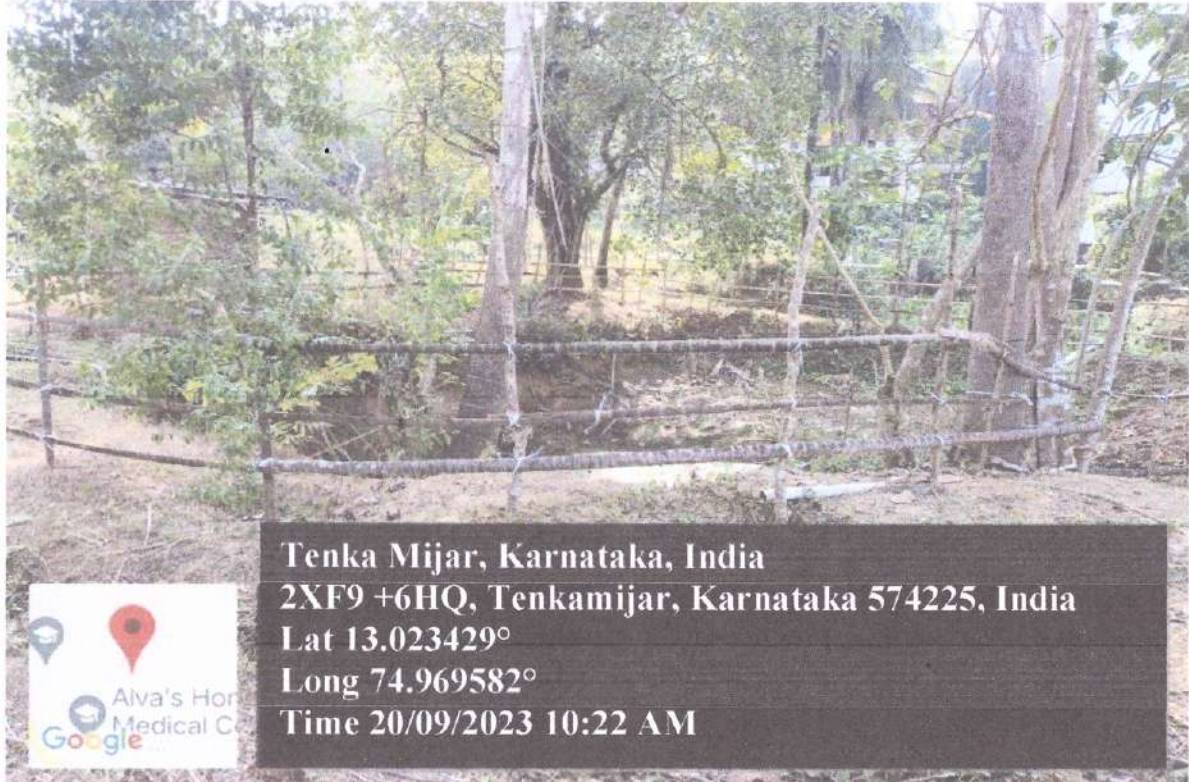
Shobhavana Herbal Garden uses recycled water for plants



Recycled water for Coconut farm in the campus

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

Natural pond in Campus is located near hostel block. This water is utilized for gardening purpose. The capacity of this tank is 45 Lakh liters



Natural pond near hostel block