#### 7.1.2 The Institution has facilities and initiatives for

3. Water Conservation facilities available in the institution



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#### 7.1.4 Water Conservation facilities available in the institution

#### Rain Water harvesting

In order to guarantee groundwater availability, RASC has implemented a rainwater gathering system. There are multiple locations on campus where rainwater gathering is done. Industry standards were followed in the construction of the rainwater gathering ponds. Rainfall is routed through a large rainwater conservation is ensured by the small ditches that traverse the entire site. Everything is open. Rainwater collection pipes on terraces are connected to the ground via designed pipes. An external drain directs all of the building's drainage to the lower level.



#### Benefits

- Rainwater storage aids in replenishing aquifers and mitigates urban flooding caused by heavy precipitation.
- The water that has been stored can be utilised for irrigation purposes in the gardening area.
- Decreases Soil Erosion and Flooding.



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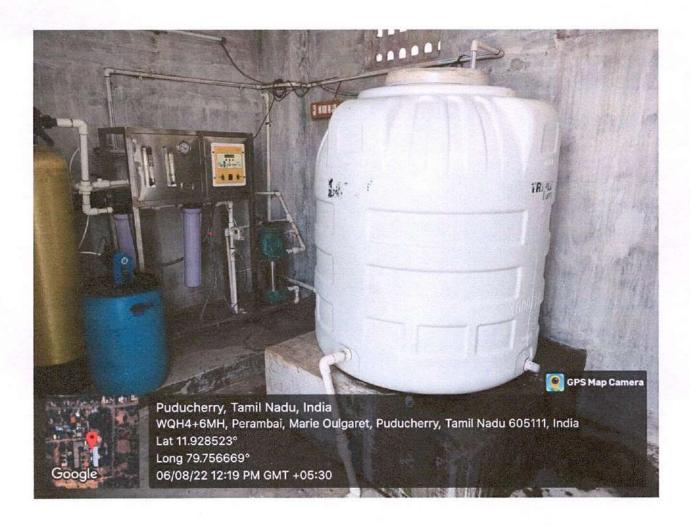
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It facilitates the recovery of the groundwater table.

#### **Construction of Tanks**

A water storage tank gathers and holds water for usage at a later period and convenient access. Every block has its own dedicated water tank.

#### **RO Plant Tank**





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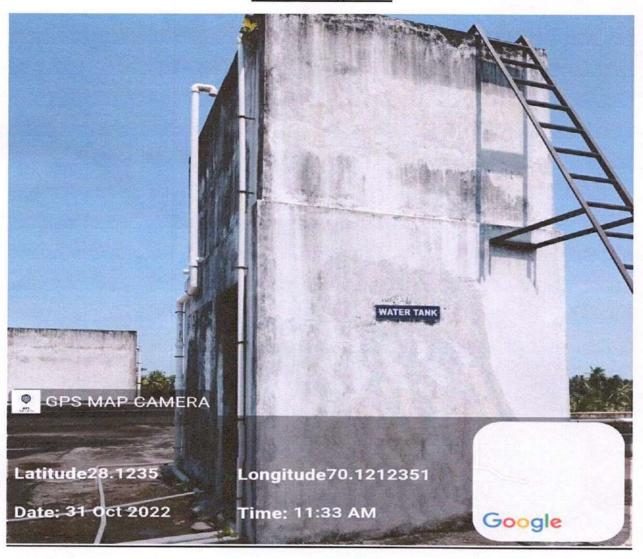
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#### Water Storage Tank





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### **RO Drinking Water Unit**





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