



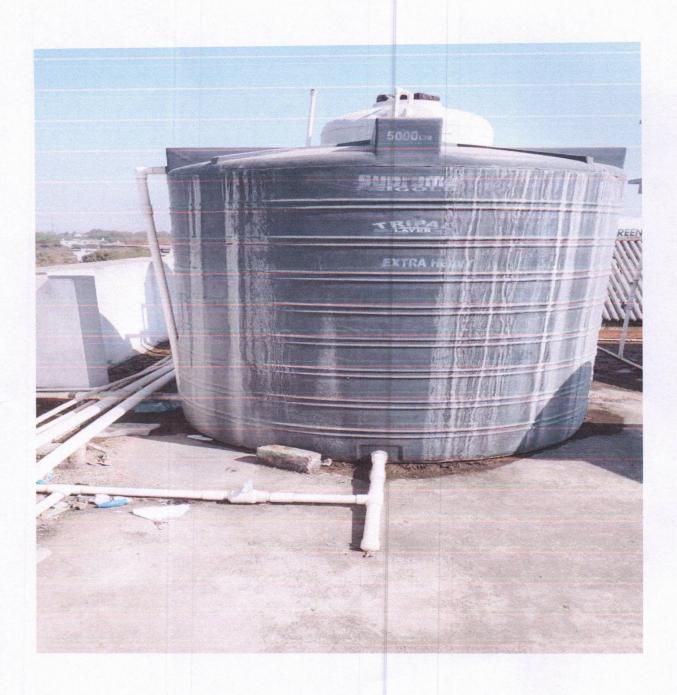
# **MOTHER TERESA NURSING SCHOOL**

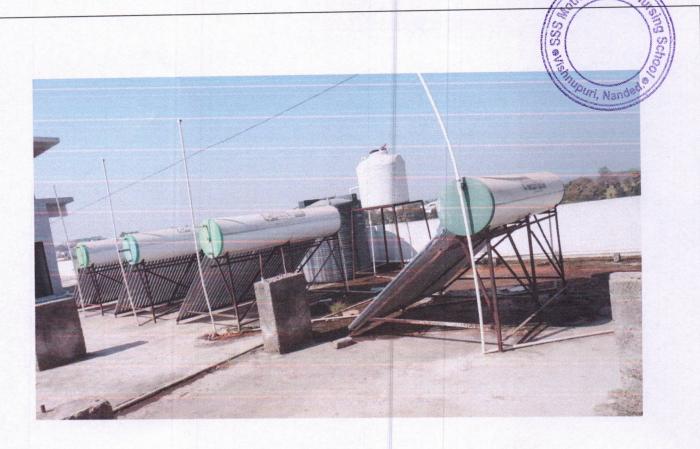
Sahayog Educational Campus, Vishnupuri, Nanded-431606. (Maharashtra)

# CONSTRUCTION OF TANKS AND BUNDS

The terrace water storage tank is generally constructed using brick masonry, which is placed on an elevated platform to provide a reserve supply of water for daily activities. The construction of a water storage tank with the use of brick masonry is a low-cost option for storing water. The size of the tank is governed by the requirement of the capacity of water storage. If the requirement is more, and more than one tank is to be provided at one place, a larger tank of 20,000 litre net capacityhas been built with suitable construction material to achieve adequate water supply.



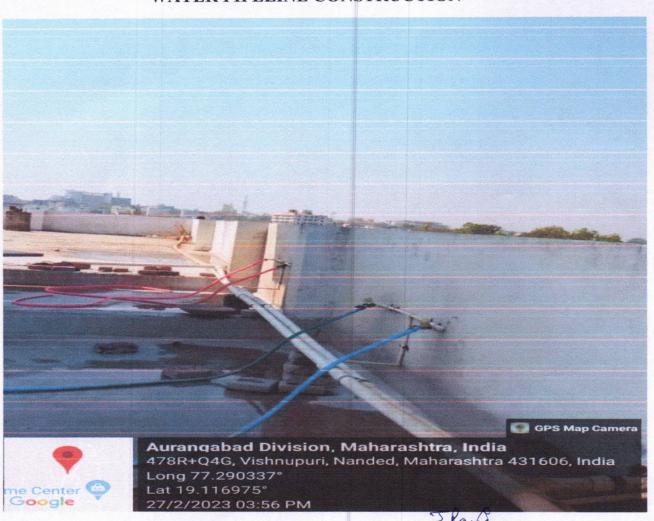




### Water Conservation Facilities Available in the Institution

Water is a very scarce and crucial natural resource. In recent years, the state and the region is facing a critical shortage of water not only due to uneven and erratic rainfall but also due to improper management of rainwater. Drought is a common feature. Rainwater harvesting and its reutilization for providing protective irrigation proved effective in assured crop production. Groundwater is clearly the preferred source for farmers. This is one of the reasons why the region has experienced explosive growth in groundwater demand during recent decades and this is also one of the reasons why groundwater demand will further expand with changing climate. However, groundwater lifeline is in precarious situation and is likely to remain for many coming years.

#### WATER PIPELINE CONSTRUCTION



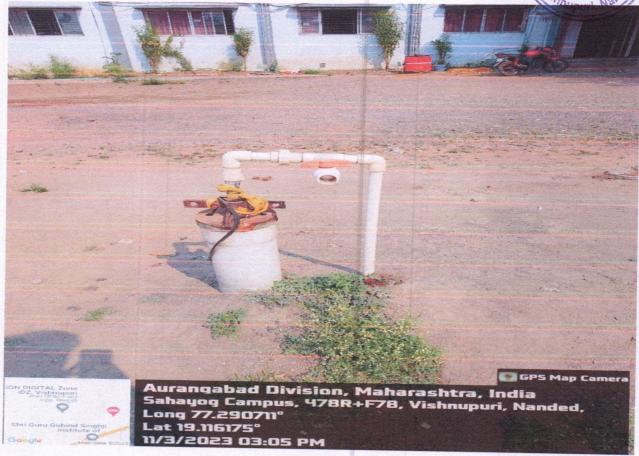




## BOREWELL



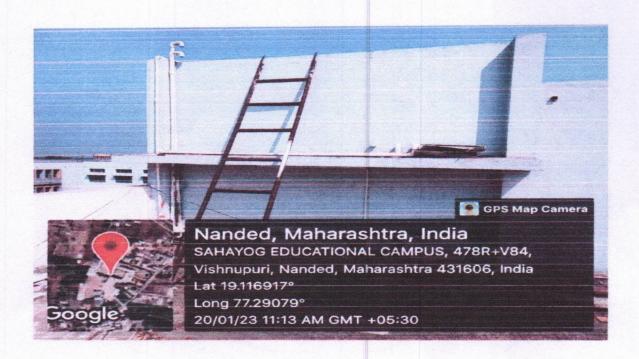






#### RAIN WATER HARVESTING

Rainwater harvesting is collecting the run-off from a structure or other impervious surface in order to store it for later use. Traditionally, this involves harvesting the rain from a roof. The rain will collect in gutters that channel the water into downspouts and then into some sort of storage vessel. Rainwater collection systems can be as simple as collecting rain in a rain barrel or as elaborate as harvesting rainwater into large cisterns to supply your entire household demand. It ranges from rainwater collection to rainwater harvesting to rainwater catchment.



### Rain water harvesting structures and utilization in the campus

Recharging of ground water and rain water collection and utilization are implemented in ICOP Rain water harvesting methods that are implemented in the college campus and has many benefits, such as it prevents soil erosion and increase ground water levels. ICOP is deeply concerned and unconditionally believes that there is an urgent need to address regarding the rain water harvesting methods.

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## Rainwater harvesting is practiced in ICOP campus:

Artificial recharge of groundwater: Recharge the rainwater in a scientifically planned way by construction of rain water harvesting recharge pits to augment the groundwater. It has been very helpful to increase the ground water levels.



