

ASUTOSH COLLEGE
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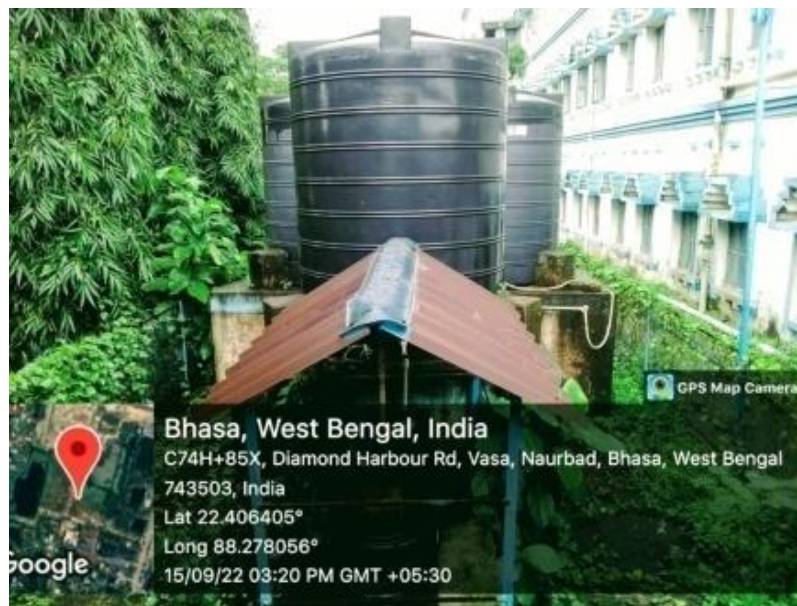


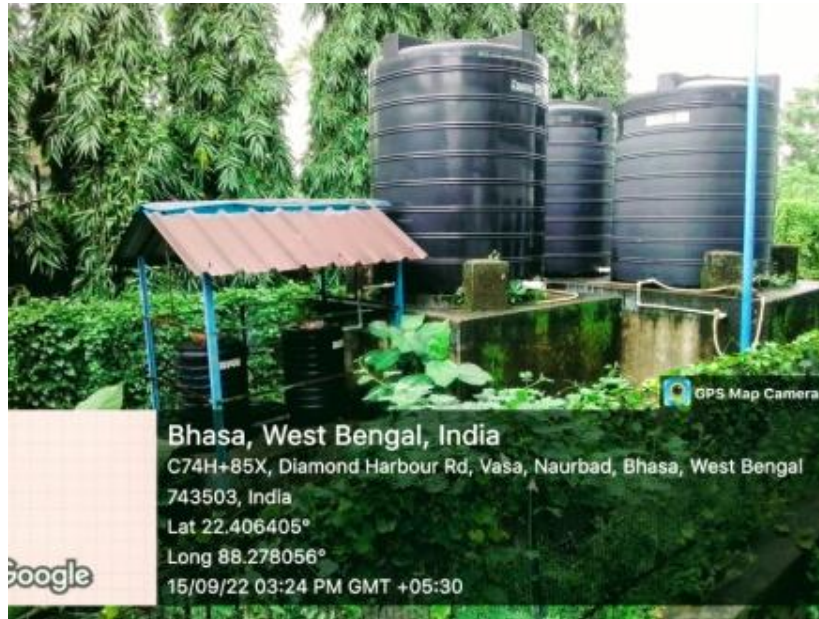
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7.1.4 Water conservation facilities available in the Institution

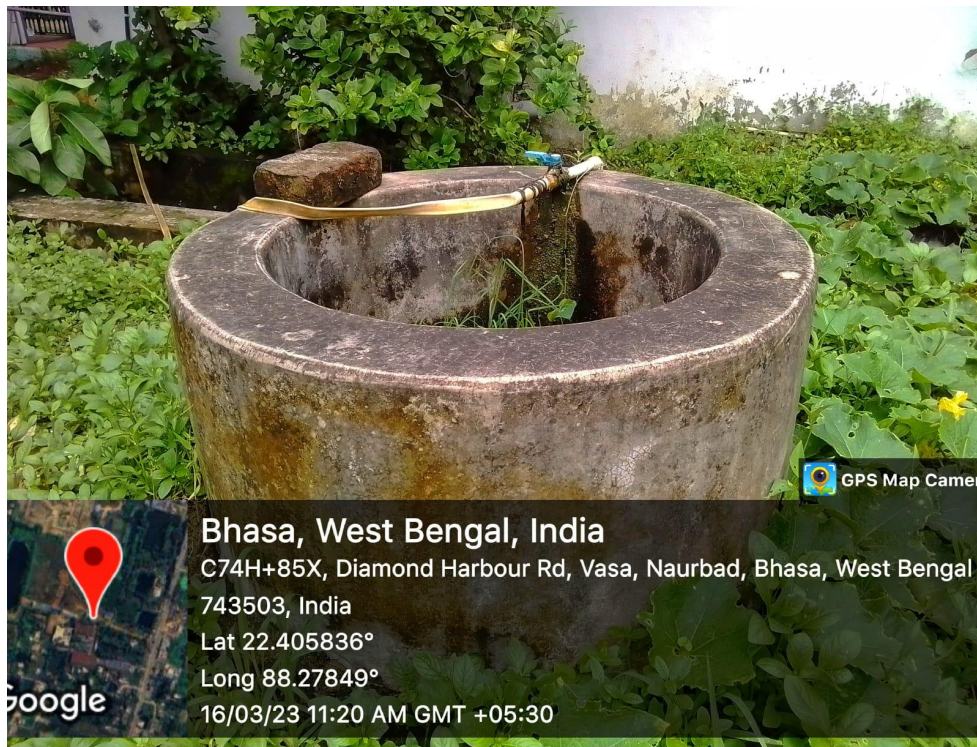
Water conservation is a crucial aspect of sustainability, and institutions often implement various facilities and measures to optimize water usage. Here are some common water conservation facilities available in institutions -

- **Rain Water Harvesting** - We have implemented rainwater harvesting systems across the campus to collect and store rainwater for various purposes, reducing our reliance on external water sources.





- **Bore well / Open well recharge** - Bore wells and open wells are used not only as water sources but also for groundwater recharge, replenishing aquifers and maintaining water levels.





- **Construction of tanks and bunds** - Tanks and bunds are strategically constructed to capture and store water during rainy seasons, preventing runoff and facilitating groundwater recharge.



- **Maintenance of water bodies and distribution systems in the campus** - Our institution takes pride in maintaining existing water bodies within the campus, ensuring their sustainability. Our distribution system is regularly checked and upgraded to prevent leaks and minimize water wastage.



- **Waste water recycling** - We employ wastewater recycling techniques to reuse non-potable water sources for gardening and non-drinking purposes.

Recycling is a process regarded as a key part of the green movement. This encourages some good practices in an Institution which could be beneficial for us along with the environment. Recycling doesn't mean we can only renew certain materials like plastics, paper and glass. There are several ways in which we can recycle waste water also.

Water coming from an air conditioner (AC) outlet/drain is mostly wasted. On a hot humid day, an AC unit can drip up to 2 gallons of water, which accumulates on its evaporator coil as it cools and dehumidifies the air. So this water is non toxic. It is much like distilled water (condensed form of water vapours present in the air). It is not used for drinking purpose but the water is collected in buckets or in large barrels. This condensate is used for topping up of inverter battery, watering indoor plants and also used in a wet lab (in the autoclave during steam sterilization process). So definitely we should try to collect and use the wastewater in some other efficient ways.



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