



**SHRI SANGAMESHWAR SHIKSHANA SAMSTHA'S
SHRI SANGAMESHWAR ARTS, COMMERCE, BCA, BSW &
PG (M.COM. & MSW) COLLEGE, CHADCHAN- 586 205
(AFFILIATED TO RANI CHANNAMMA UNIVERSITY BELAGAVI)**



CRITERION VII - INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.4 - Water conservation facilities available in the Institution:

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



Principal

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7.1 Institutional Values and Social Responsibilities

7.1.4 Water conservation facilities available in the Institution: (Environmental Consciousness and Sustainability)

1. Rain water 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

WATER CONSERVATION FACILITIES AVAILABLE IN THE INSTITUTION

Shri Shri Sangameshwar Arts & Commerce College is surrounded by more than 40 villages. Our College and Pattan Panchayat of Chadchan took up the initiative to promote Institutional Values and Social Responsibilities through MOU in various social development activities.

As, Shri Shri Sangameshwar Arts & Commerce College is located in rural area, there is no Municipal Water supply for the college. The college depends on ground water for all its water needs. Hence, efficient usage of available water and adaptation of water conservation measures are essential. The daily requirement of water in the campus is around 20000 liters. The following measures are taken for the conservation of water:

1. RAIN WATER HARVESTING

Rainwater harvesting (RWH) is the collection and storage of rain water, rather than allowing it to run off. Rainwater is collected from a roof-like surface and redirected to a tank, cistern, deep pit (well, shaft, or borehole), aquifer, or a reservoir with percolation, so that it seeps down and restores the ground water. The continues Rainwater Harvesting strategies enable us to use our on-site water resources, which helped to maximize storage of rain water in an integrated needs our college.



A handwritten signature in green ink, consisting of a large loop and a horizontal stroke.

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2. BOREWELL /OPEN WELL RECHARGE

Water is a prime natural resource and is considered as a precious asset. With every passing day, our dependence on ground water is increasing and is likely to remain dominant. It is clear that College real water lifeline is groundwater. The depletion of groundwater resource is a matter of great concern for college campus. Largescale pumping out of groundwater and negligible recharging has created `water havoc' in the borewell-fed campus.

3. CONSTRUCTION OF TANKS AND BUNDS

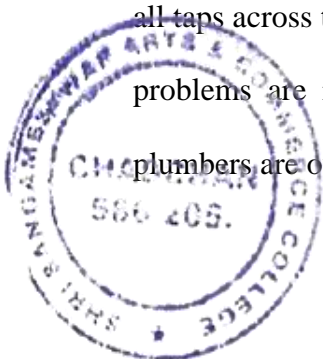
Tanks are often surrounded by bund walls which are generally constructed either of earth or concrete. Bunds are particularly important if a tank is located at a higher elevation than the remainder of the facility. A bund is a secondary containment system which is designed to capture any leaks or spillages from a primary containment such as a storage tank. A bund consists of an impermeable floor and a set of impermeable walls to create a watertight area around a storage tank, any liquid which escapes the primary containment is retained in the bund and prevented from spilling onto site or escaping to the environment.

4. WASTE WATER RECYCLING

Water reuse generally refers to the process of using treated wastewater (reclaimed water) for beneficial purposes nonpotable applications such as toilet flushing, street washing, and fire protection, groundwater recharge, recreation, and direct or undirected water supply.

4. MAINTENANCE OF WATER BODIES AND DISTRIBUTION SYSTEM IN THE CAMPUS

The College has 04 Borewell for water supply and 01 open pond for rain water harvesting. Water from the Bore well is pumped to the overhead tank of 20000 Lts capacity and Open ground tank of 10000 Lts through 04 pumps. The water from overhead tank is distributed to all taps across the campus. The maintenance of plumbing system is outsourced. Whenever the problems are identified immediate actions are taken for restrict wastage of water. Then plumbers are outsourced to fix the problem.



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1. RAIN WATER HARVESTING

DEEP PIT



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RAINWATER COLLECTION POND AT BACKYARD OF THE CAMPUS

RAINWATER COLLECTION DURING RAINY SEASONS



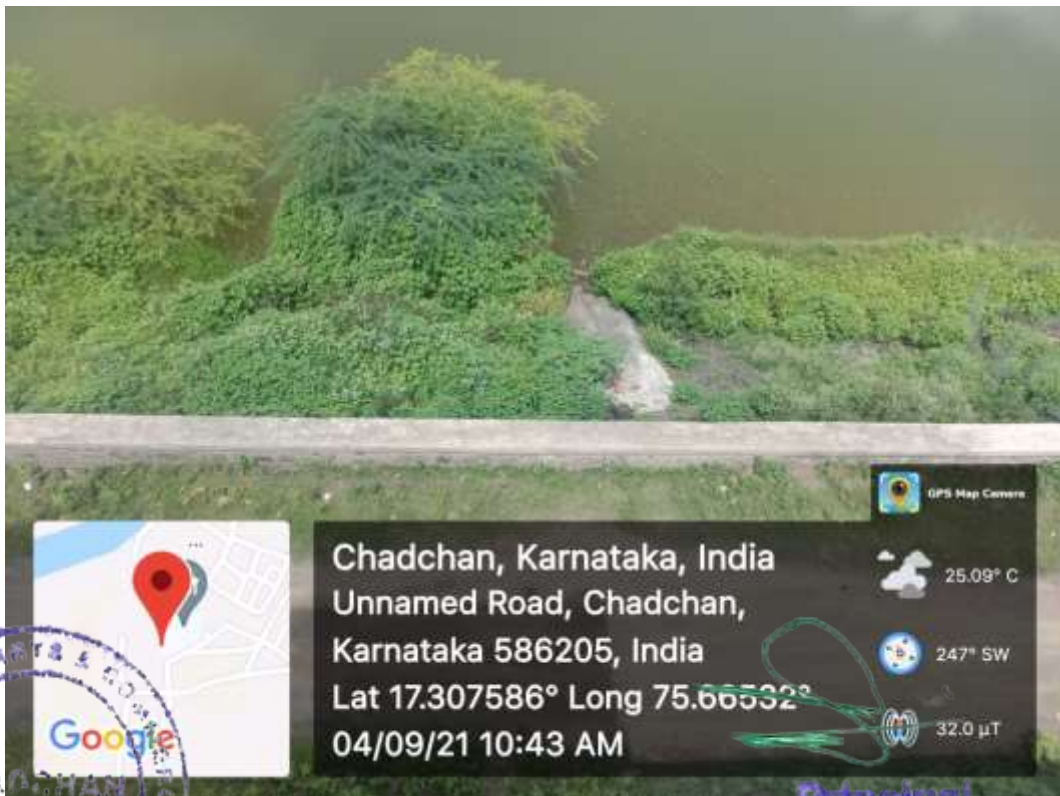
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RAINWATER HARVESTING-DRAINAGE SYSTEM

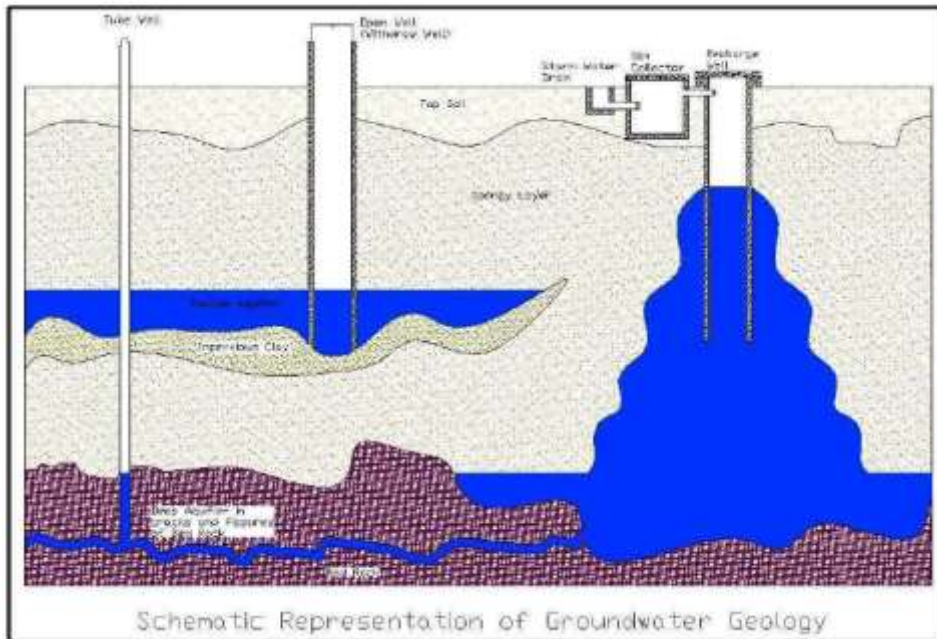
RAINWATER HARVESTING NATURAL DRAINAGE SYSTEM



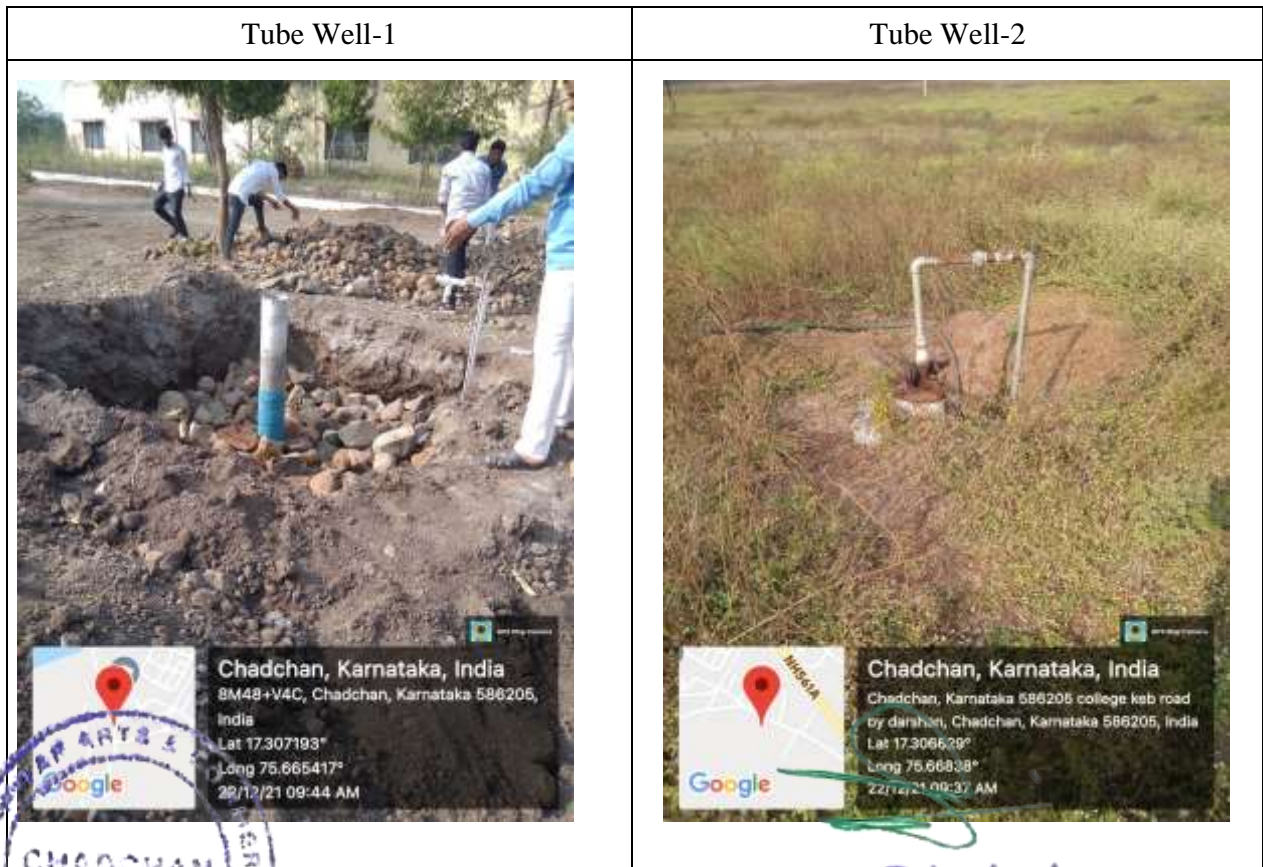
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2. BOREWELL /OPEN WELL RECHARGE

WELL RECHARGE



BOREWELL RECHARGE



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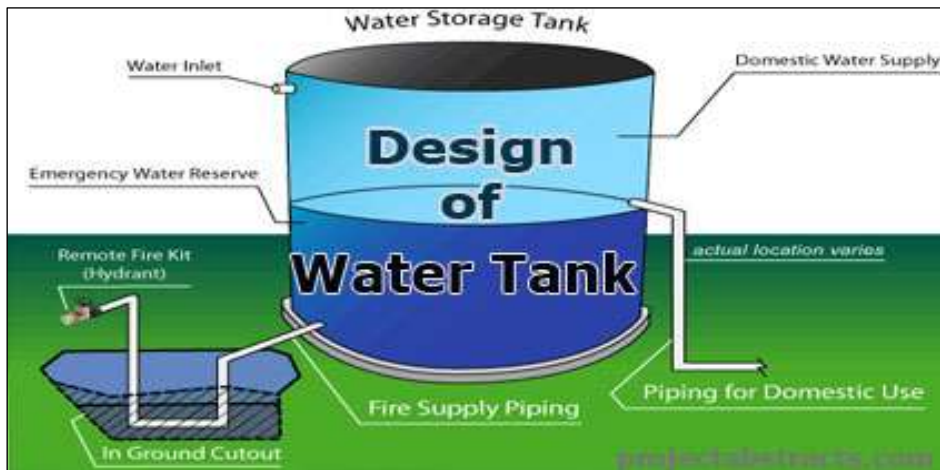
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OPEN WELL RECHARGE



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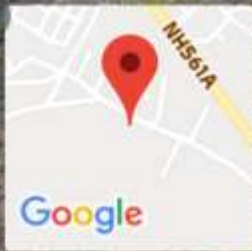
3. CONSTRUCTION OF TANKS AND BUNDS



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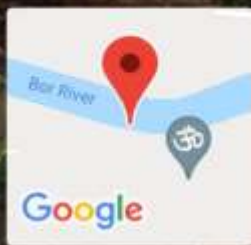
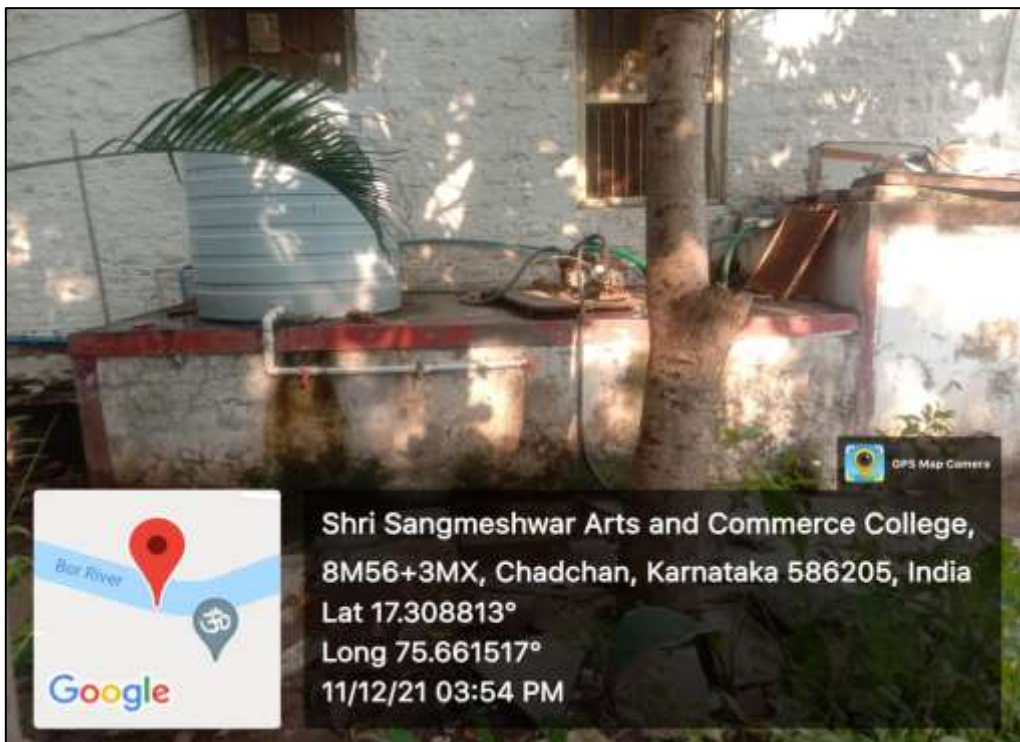


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WATER TANKS



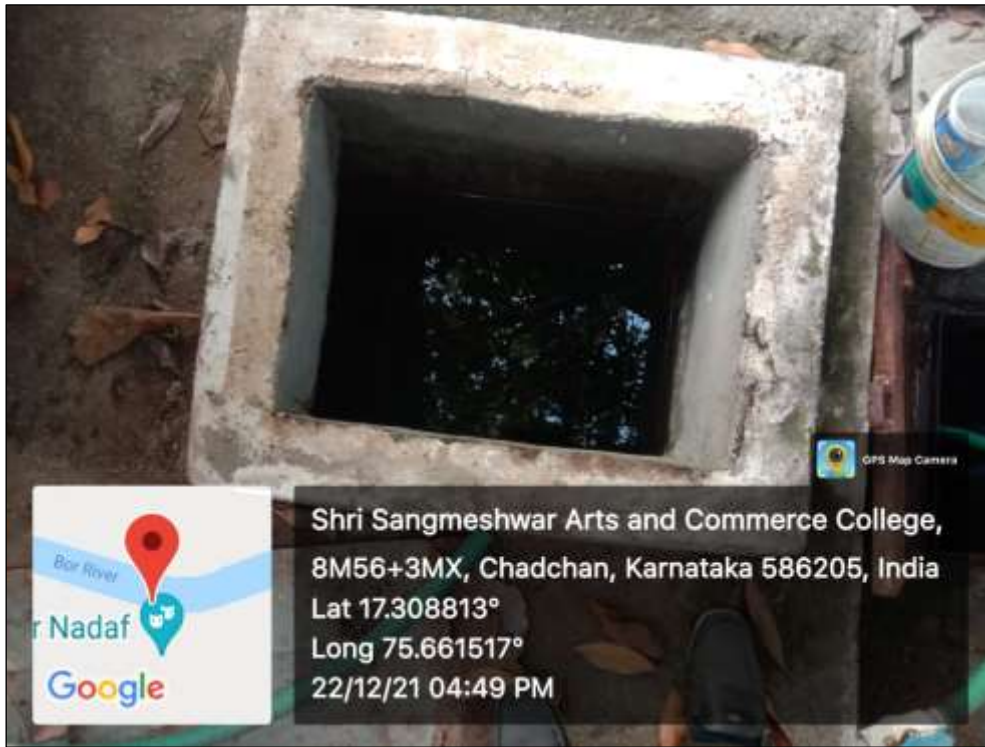
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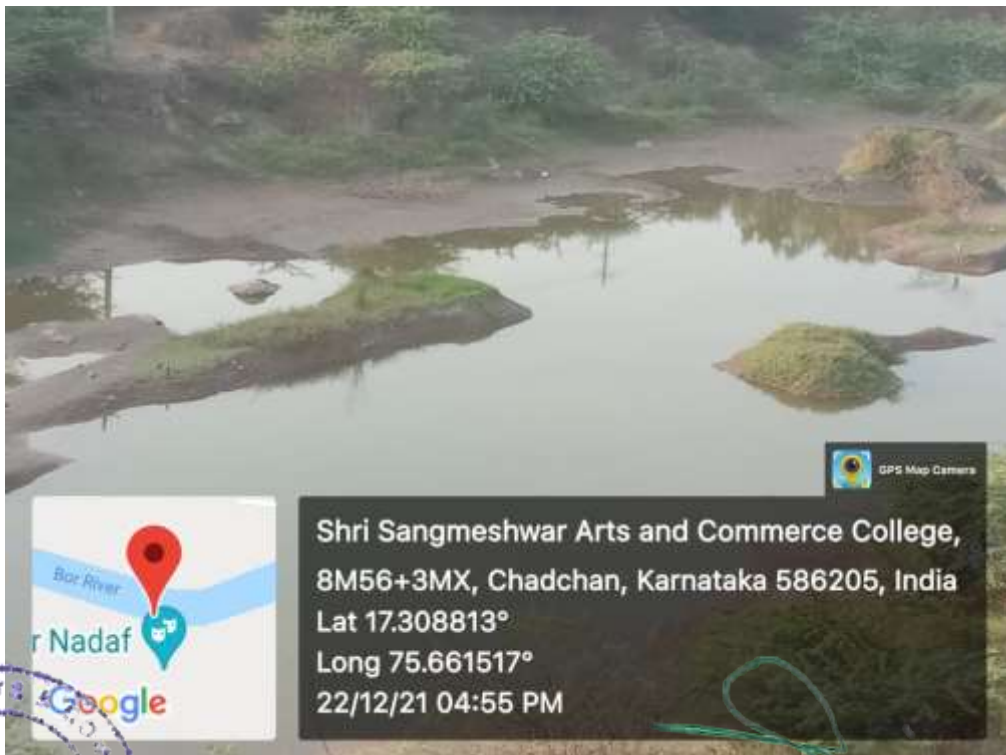
WATER TANKS



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5. MAINTENANCE OF WATER BODIES AND DISTRIBUTION SYSTEM IN THE CAMPUS



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MAINTENANCE OF WATER BODIES AND DISTRIBUTION SYSTEM IN THE CAMPUS



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