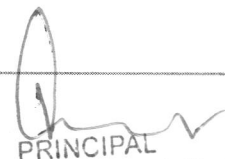




7.1.4 Water Conservation Facilities Available In The Institution

7.1.4 WATER CONSERVATION FACILITIES AVAILABLE IN THE INSTITUTION		
S.No.	WATER CONSERVATION	FACILITIES AVAILABLE AT VIET
1.	RAIN WATER HARVESTING	The device that gathers and stores rainwater for later use is known as a rainwater harvesting system, sometimes known as a rainwater collecting system or a rainwater catchment system. The structures can be viewed throughout the property at various points.
2.	BORE WELL	Rainwater is refilled on campus using the bore wells. Additionally ensuring the storage of naturally filtered rainwater is the bore well recharge technique.
3.	WASTE WATER RECYCLING	Our sustainable strategies for conserving and reusing water on campus depend heavily on waste water management. It is suggested that the treated waste water be used efficiently for washing and gardening.


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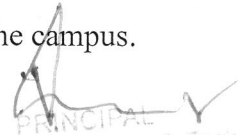


5.	WATER DISTRIBUTION SYSTEM IN THE CAMPUS	The campus's water distribution system is maintained by VIET. Throughout the campus, storage tanks that are spread out are filled with pumped ground water. Water is dispersed by a network of well constructed pipes.
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1.RAIN WATER HARVESTING

Rainwater harvesting is the practice of collecting rainfall on your property or rainwater runoff. The device that gathers and stores rainwater for later use is known as a rainwater harvesting system, sometimes known as a rainwater collecting system or a rainwater catchment system. Additionally, the collected water is kept clean through filtration and facility design that prevents contaminants from combining with the collected water. Rainwater is collected from ground floor spaces and terraces to be used again for grass irrigation. For gardening and washing purposes, surface runoff from different ground sources and terraces is gathered, filtered, and circulated. In addition to natural percolation tanks, concrete storage tanks have also been constructed, and rainwater is kept there after being properly filtered. Open areas should not be paved with concrete roadways to allow for percolation of rainwater. Rainwater collected during downpours not only helps conserve water from traditional sources but also saves energy and lowers costs associated with water distribution and transportation.

he VIET College is having rain water harvesting pits to conserve the rain water. The storm water can be stored naturally without wasting with the help of rain water harvesting pits. So, that the huge water can be used to recharge groundwater level of bore wells in the campus. The college took an initiation and constructed rain water harvesting pits to reduce the wastage of rain water and also to increase the utilization of naturally stored water for various purposes in the campus.


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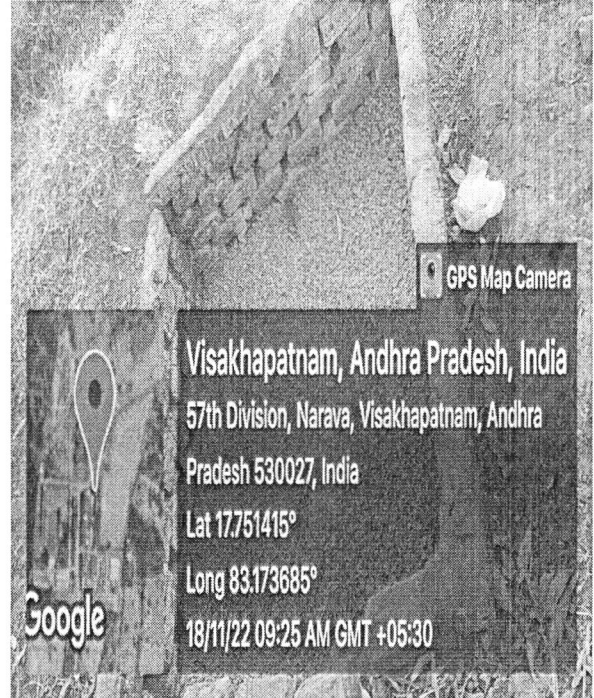
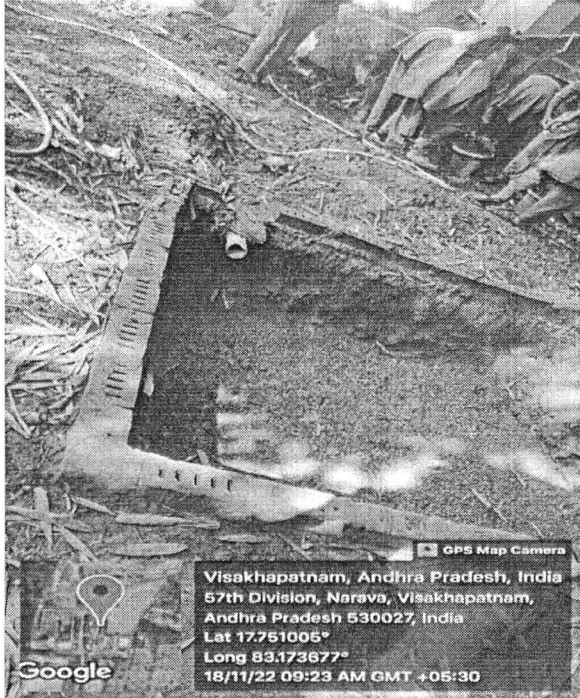
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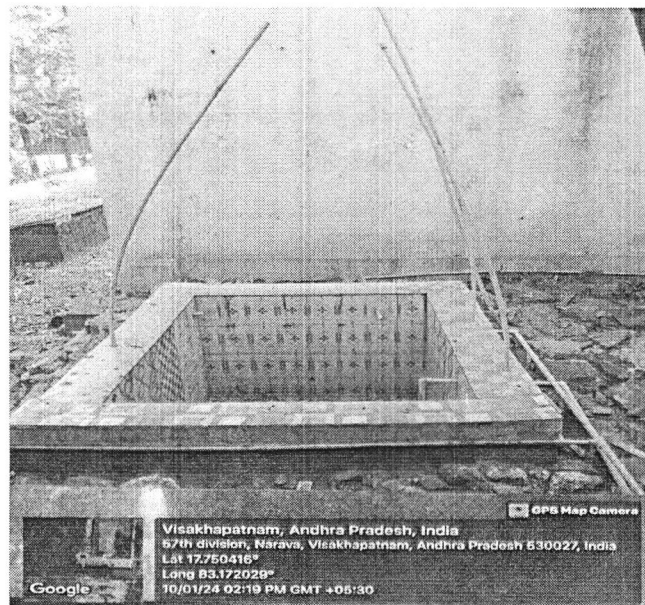
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88th Division, GVMC, Narava, Visakhapatnam - 530 027.

e-mail: vietvsp@gmail.com www.vietvsp.com ☎0891-2892901, 2892902, 9959617476



RAIN WATER HARVESTING PIT



Rain Water Harvesting

Handwritten signature and text:
Dr. Lakshmi Narasimha Swamy
Sd/- Lakshmi Narasimha Swamy
Sd/- Lakshmi Narasimha Swamy

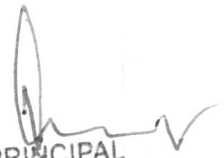


2. BORE WELL

The VIET College is having sufficient number of bore wells to produce water for various purposes in the entire campus. The bore wells were constructed at required depths as per the sub soil water position. So, that there will not be any scarcity of water in future also. The entire campus utilizes the water for various purposes obtained from these bore wells only and these wells are regularly recharged with rain water harvesting pits.



BORE WELL


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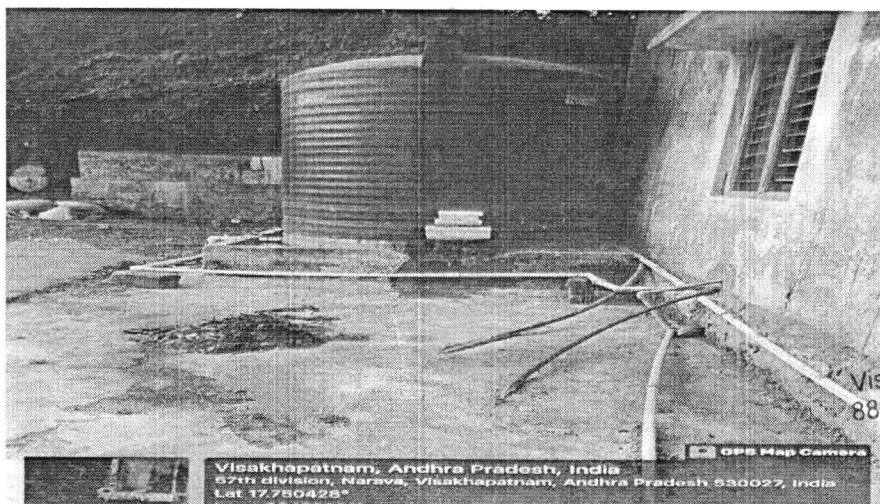


3. WASTE WATER RECYCLING

Waste water management has been critical towards our sustainability models for reducing and reusing water at our campus. The waste water after treatment is proposed to be utilized effectively for gardening purposes. Waste Water Recycling process facilitates the treatment of existing contaminants in the water or reduces the concentration of such contaminants so that the water becomes fit for the desired use. One of such seen in VIET boys Hostel.



Waste Water Recycling in boys Hostel

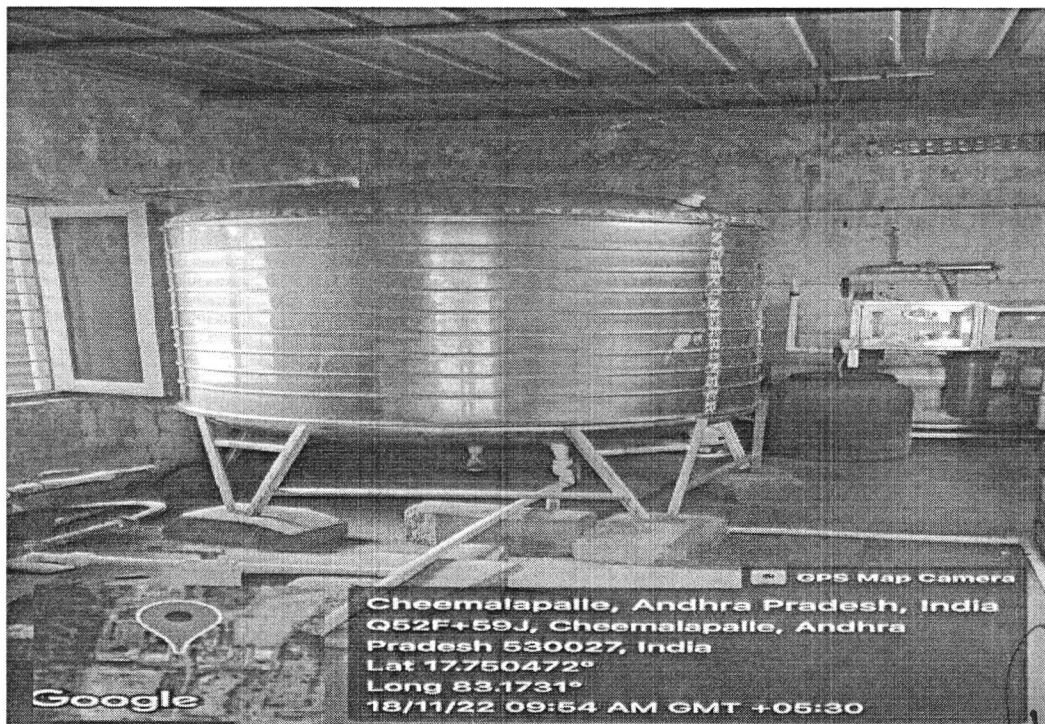


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4. MAINTENANCE OF WATER BODIES AND DISTRIBUTION SYSTEM IN THE CAMPUS

VIET has water distribution system in the campus. The ground water is pumped into storage tanks located at different places in the campus. The water is distributed through well laid pipe network. Drinking water after treating in RO plant is supplied through a separate set of distribution pipes and water for all other purpose is supplied through another set of distribution pipes. Entire distribution system is well supervised by Civil works people to ensure that there are no leakages and wastages of precious water through joints, valves etc. Waste usage of water is reduced using low pressure flushes. All the stakeholders of the college are well educated to use water economically and efficiently. Also, wash basins are available at each laboratory, and department. Water facilities are availed in the entire college without any interruption. The RO plants are periodically cleaned and maintained by assigning a specific technician in the maintenance department. The college have the cleaning schedule of all overhead water storage tanks.



RO TREATMENT PLANT

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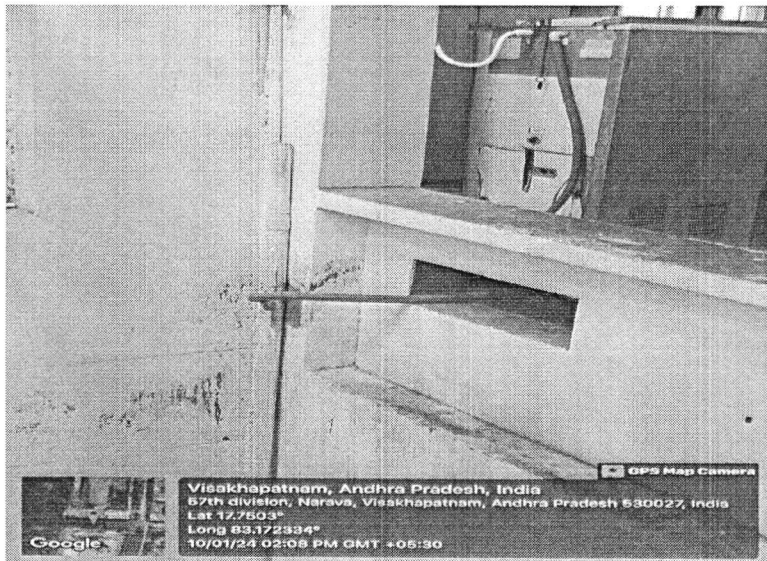
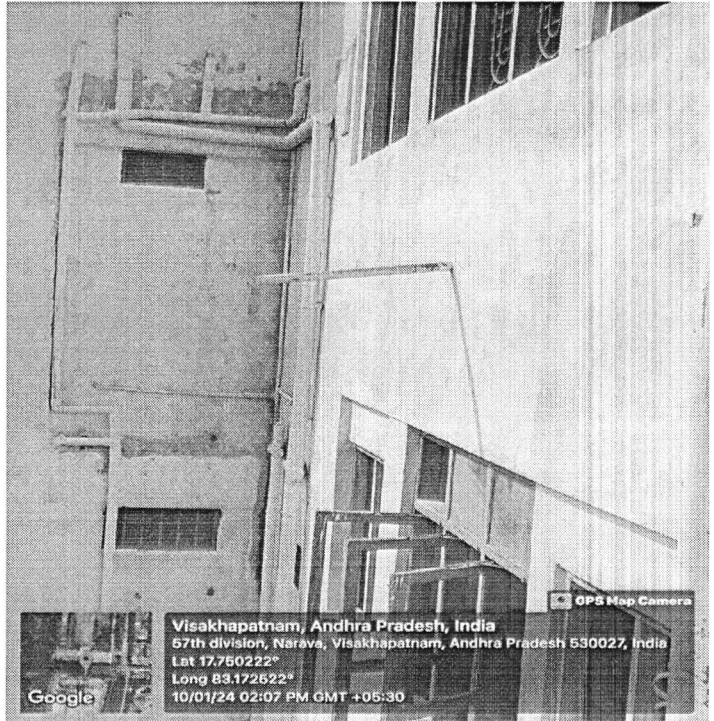
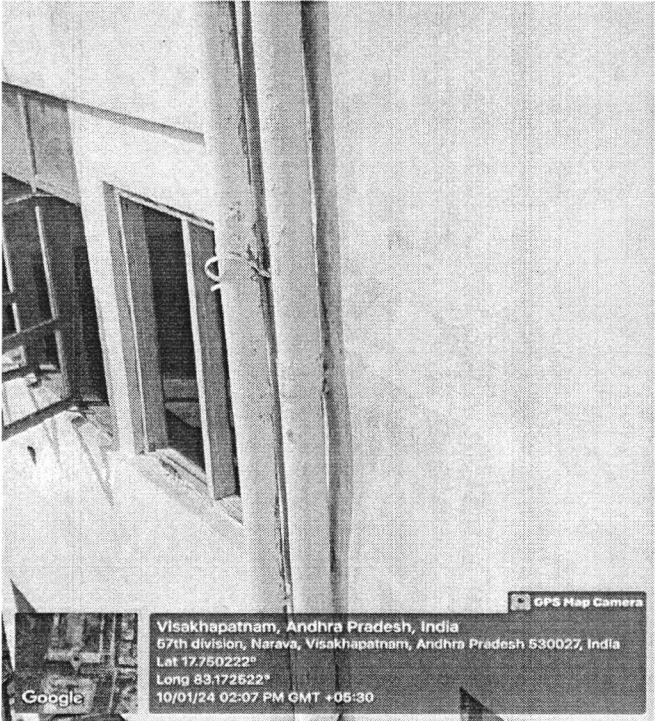
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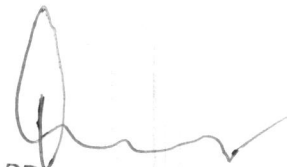
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5. WATER DISTRIBUTION SYSTEM



WATER DISTRIBUTION PIPES


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