



Shaneshwar Shikshan Prasarak Mandal's

V P COLLEGE OF PHARMACY, MADKHOL

Tal. Sawantwadi, Dist. Sindhudurg 416510 (Maharashtra)

DTE Code-3490

D. Pharmacy & B. Pharmacy

MSBTE Code-2030

Approved by PCI - New Delhi, Govt. of Maha., DTE - Mumbai & Affiliated to Dr. B. A. T. University, Lonere & MSBTE, Mumbai

7.1.2.1: The Institution has facilities and initiatives for Water conservation




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WATER CONSERVATION

Rainwater harvesting

Rainwater harvesting pits are subterranean constructions intended to collect and hold rainwater for future use. To stop water from seeping into the surrounding soil, these pits are usually sealed with impermeable materials like plastic or concrete. There are many uses for the collected rainfall, including landscaping, irrigation, and groundwater replenishment. Rainwater is directed into these pits to lessen urban runoff, which may lead to floods and water body contamination, and to relieve demand on municipal water sources. Urban areas may greatly benefit from well planned and managed rainwater collection pits, which provide a dependable supply of water for both human use and environmental preservation initiatives.



Rainwater harvesting System



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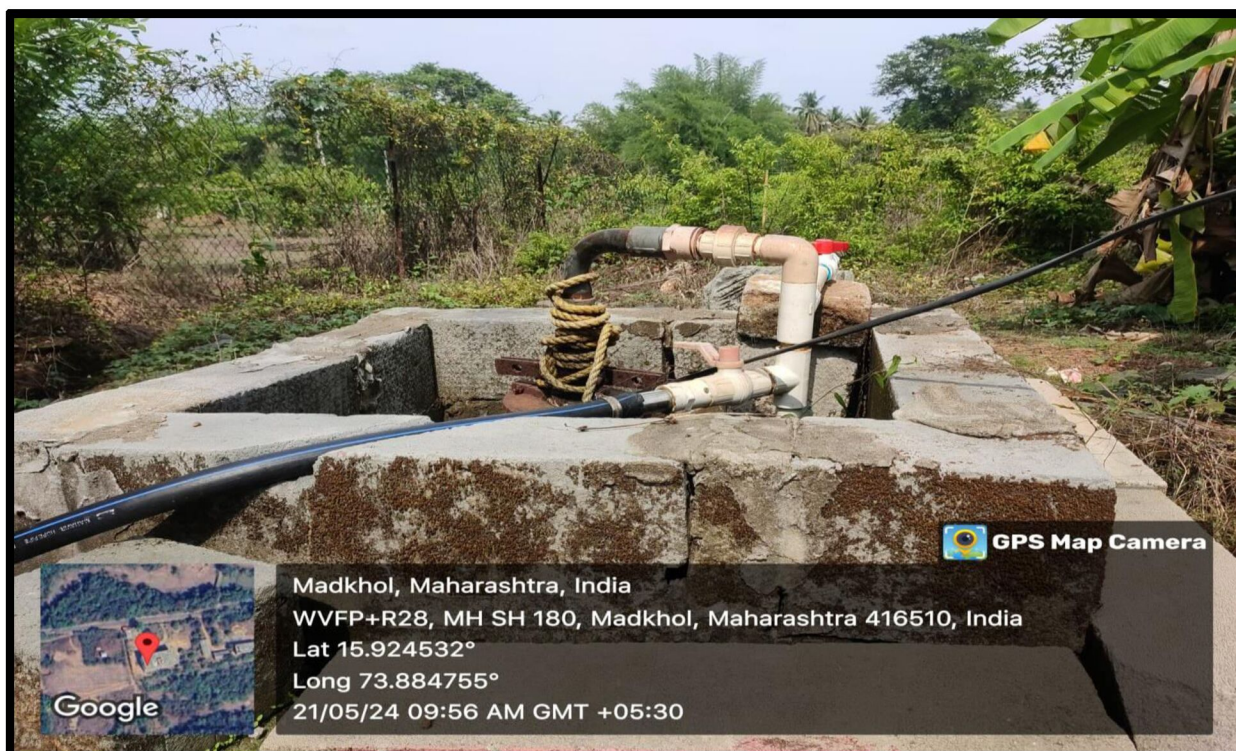
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Borewell

A bore well is a kind of specialized drilling method used to reach groundwater reserves for home water supply, industrial use, and agricultural, among other uses. Bore wells, which are often built by using rotary or percussion drilling techniques to drill deep into the ground, are crucial in areas with limited surface water supplies or shortages. In order to prevent the well from collapsing and being contaminated, casing pipes are inserted. A submersible pump is then installed in order to draw water out of the aquifer below. For communities in need to have long-term access to safe, clean groundwater supplies, bore well maintenance and monitoring are essential. To guarantee the long-term sustainability and operation of bore wells, professional knowledge is needed throughout the whole process, including site selection, drilling, testing, and maintenance.



Borewell



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Motor and Pump




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Waste water treatment

The process of treating wastewater from several sources, including commercial, industrial, and residential structures, to remove toxins and impurities is known as wastewater recycling, or water reclamation. After treatment, the water may be utilized again for non-potable uses such flushing toilets, industrial operations, and irrigation. This environmentally friendly method eases the burden on wastewater treatment facilities while conserving precious freshwater resources. Wastewater recycling systems use a variety of technologies, including membrane filtering, reverse osmosis, and UV disinfection, to make sure the recovered water satisfies quality requirements. All things considered, recycling wastewater is essential to advancing resource efficiency and environmental sustainability in today's world.



Waste Water Treatment



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Sprinkler Irrigation

In the sprinkler method of irrigation, water is sprayed into the air and allowed to fall on the ground surface somewhat resembling rainfall. The spray is developed by the flow of water under pressure through small orifices or nozzles. The pressure is usually obtained by pumping with careful selection of nozzle sizes, operating pressure and sprinkler spacing the amount of irrigation water required to refill the crop root zone can be applied nearly uniform at the rate to suit the infiltration rate of soil. Our college fitted line sprinklers in the garden it helps to water conservation, soil prevention.



SPRINKLER IRRIGATION

Sprinklers




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DRIP IRRIGATION

Drip irrigation is the slow, even application of low- pressure water to soil and the goal is to place water directly into the root zone and minimize evaporation. Drip irrigation systems distribute water through a network of valves, pipes, tubing, and emitters. Drip irrigation can help you use water efficiently. A well-designed drip irrigation system loses practically no water to runoff, deep percolation, or evaporation. Our college fitted line drip irrigation in the garden it helps to water conservation, soil prevention.




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GPS Map Camera

Madkhhol, Maharashtra, India

WVFP+R28, MH SH 180, Madkhhol, Maharashtra 416510, India

Lat 15.924307°

Long 73.884425°

18/05/24 10:26 AM GMT +05:30

Google

Drip Irrigation




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Madkhhol, Maharashtra, India

Near Vengurla Belgaon Highway Madkhhol Sawantwadi, Madkhhol, Maharashtra 416510, India

Lat 15.924448°

Long 73.88485°

16/07/2024 11:03 AM GMT +05:30

Google

RO PLANT



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OVERHEAD WATER TANK




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DRINKING WATER COOLER



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Rain water Harvesting pit




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