

Hon. Shri Annasaheb Dange ACS College, Hatkanangale, Dist. Kolhapur (MS)

Roof- Rain Water Harvesting



Use and Impact

- Provides self-sufficiency to water supply.
- Provides high-quality water that is soft and low in minerals.
- Improves the quality of groundwater through dilution when recharged to the ground.
- Is a cost-effective and simple technique.

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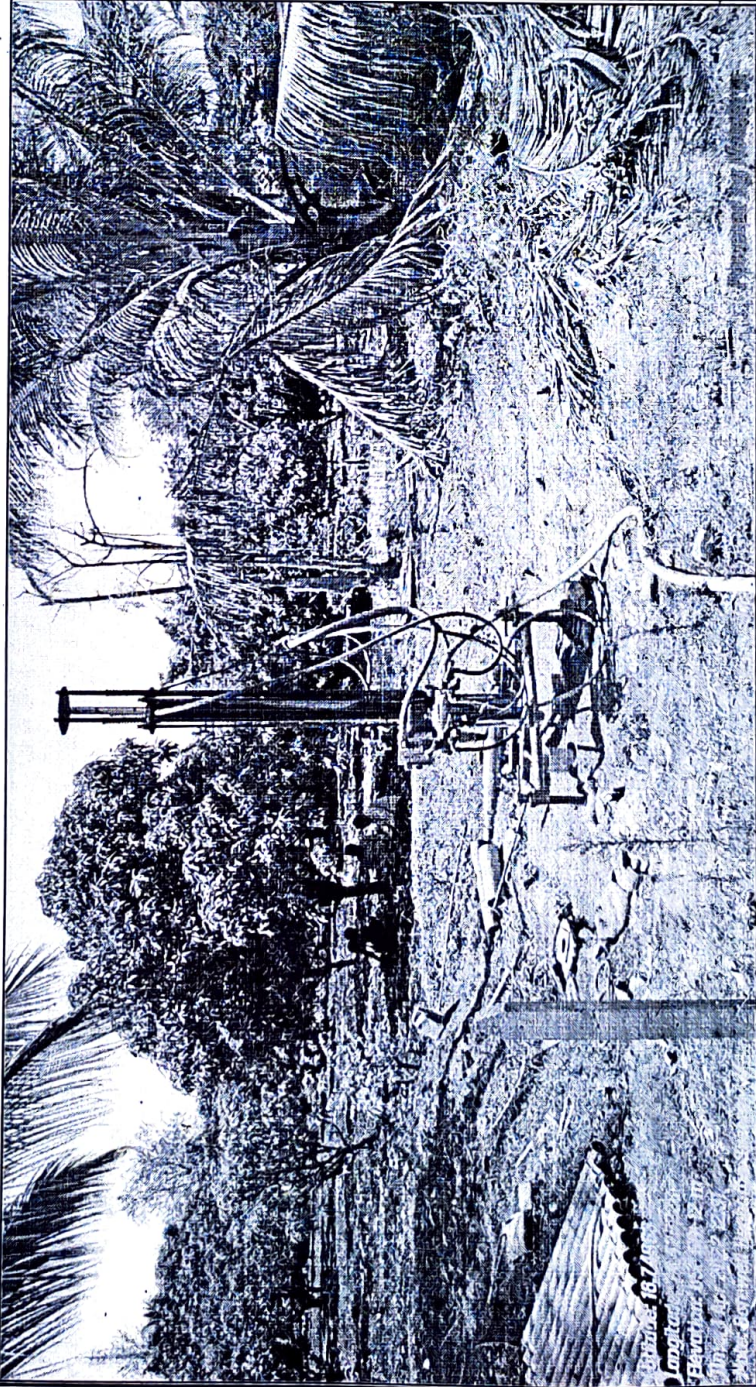


Use and Impact

- Rainwater is a free source of water and relatively clean water and provides a source of water when needed.
- It is environmentally responsible and is socially acceptable.
- It conserves water resources and promotes self-sufficiency.
- It reduces non-point source pollution and stormwater runoff.
- To maintain it uses simple, flexible technologies that are easy.
- After the proper treatment, it provides safe water for human consumption.

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Borewell Recharge System



Use and Impact

- Rain water harvesting through borewell recharge – will bring water back to even your dried up borewells.
- Excessive digging of new borewells and overuse of existing ones has resulted in severe depletion of groundwater levels rendering many bore-wells dry.

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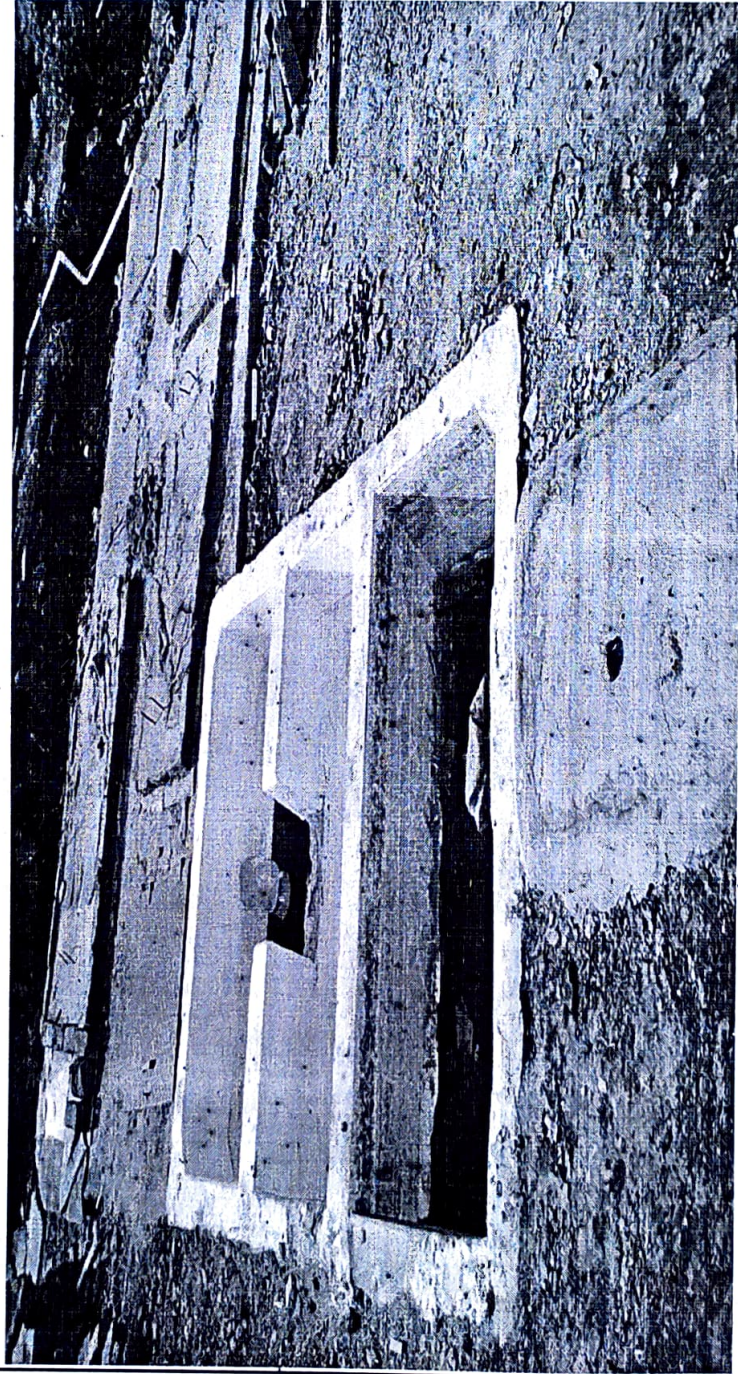
Construction of Tanks and Bunds

Use and Impact

- Being one of the most often used precipitation harvesting methods in agriculture, the main purpose of bunds is to slow down and filter runoff water from rainfall and hence reduce soil degradation.
- It helps to prevent water run-off. Bunds and trenches help reduce soil erosion and retain water during scanty rainfall. They also improve ground water levels by increasing filtration.

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Waste Water Recycling



Use and Impact

- Sustains the Freshwater Supply.
- Decreases Diversion of Freshwater from Ecosystems.
- Enhances Wetlands.
- Reduces Pollution.
- Saves Energy.
- Conserve and Recycle Your Water.

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Maintenance of Water Bodies

Use and Impact

- It plays an important role in maintaining and restoring the ecological balance.
- It acts as sources of drinking water, recharge groundwater, support biodiversity, and provide livelihood opportunities to people.
- Repair, Renovation and Restoration of Water Bodies.
- Comprehensive improvement and restoration of traditional waterbodies.