

PROF. SAMBAJIRAO KADAM COLLEGE, DEUR (SATARA)

Criterion 7: Institutional Values and Best Practices

Clarifications for deviation/s along with attached document/s

7.1.2 Roof Water Harvesting And Bore Well Recharge Project A Distinctive Project

Report on environmental promotional activities

Name of the Activity	A Special Drive on Bore Well Recharge at Village Bichukale
Coordinator	Dr. Shelar A.R.
Village/ Place	Bichukale, Tal. Koregaon, Dist. Satara
Date of the activity	24-28.03.2023
No of Student Participated	150
In Association with / Supported by	National Service Scheme, PSK College, Deur Vasundhra Swachata Abhiyan, Pune.(in Tadawale S.W.,Tal.Koregaon

Enclosures:

Objectives:

- To impart general awareness on rain water harvesting
- To impart general awareness regarding Bore Well Recharge
- To encourage common public to participate in Roof water harvesting
- To encourage common public to participate in Bore Well Recharge.
- To prepare students as Volunteers and help them to contribute in nation building through NSS.

Rain Water Harvesting Project in the College at Bichukale
Date: 24.02.2023



Rain Water Harvesting Project in the College at Bichukale
Date: 25.02.2023



Rain Water Harvesting Project in the College at Bichukale
Date: 28.02.2023



Rain Water Harvesting Project in the College at Bichukale
Date: 28.02.2023



The Roof Water Harvesting and Bore well recharge project

A Collaboration Activity with:

Grampnachayat Bichukale, Tal. Koregaon Dist. Satara

Institutional Sensitivity towards Climate Change and Environment Concerns

A Project Displaying Institutional Distinctiveness: Rain Water Harvesting & Bore Well Recharge Project under Institutional Social Responsibility

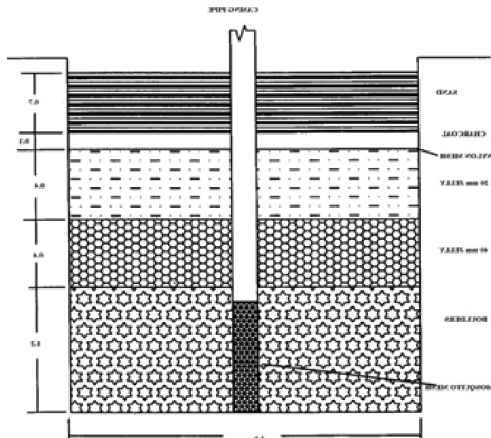
Background:

Prof. Sambhajirao Kadam College is located in Deur in the northern area of Koregaon tehsil which is known for periodical droughts. Due to lack of assured irrigation facilities, farmers are mostly relied on rainfall and scanty bore well facilities created on their own. As a result, water table has been gone down up to 300 to 400 ft. More so, most of the bore Wells have run dry in the region. Besides, the region faces severe scarcity of drinking water; the conditions become even acute during summer. Owing to this, the projects like rain water harvesting, bore well recharge would improve the water table that would provide a sort of reprieve in dealing with the problem of water scarcity prevalent in the region.

Pilot project

The college was also facing a severe water scarcity problem especially during the summer. The bore well output was too short to fulfil the water requirement. Hence, the college decided to undertake the bore well recharge project by collecting the roof water.

Schematic diagram of the Model:



The cost for the college project was around Rs. 000/- including roof water harvesting and recharge.

Reference data:

- i. The college has been implementing the Society outreach activities under the central government's flagship programme-Unnat Bharat Abhiyan since 2018. One of the prominent activities under UBA is conducting house hold survey of the five selected villages. As a part of the activity, the college has conducted the survey on the number of bore Wells with the present conditions as to water level, water output, locations etc.

- **Bichukale Village:**

After successful completion of the Pilot Project in the institutional campus, Dahigaon, Palashi and Tadawale (S.W.) village, the College decided to implement the same bore well recharge project under its ISR initiative in the adjoining Bichukale village. This village, situated towards 6 km west of Deur, also used to have the similar water problems and periodic drought-prone conditions. With no assured irrigation facilities. The college surveyed the number of existing bore wells, the water level, water output, locations etc. and decided to run the Project in Primary School, Bichukale Tal. Koregaon, Dist. Satara.. This

project under ISR was conducted in collaboration with Vasundhra Swachata Abhiyan, Pune.

Future Plan: Based on the encouraging results, the college decided to implement the project in remaining villages, few bore Wells per village using reference data with the support and people's participation. Preference is given to the public utility bore Wells.