



Estd.: 1991

SOMANATH EDUCATIONAL TRUST'S
S. B. PATIL INSTITUTE FOR DENTAL SCIENCES & RESEARCH
BIDAR – 585 402 (KARNATAKA)

(Affiliated to Rajiv Gandhi University of Health Sciences & Recognized by Dental Council of India)

Email: principalsbpdeh@yahoo.co.in www.sbpatilcollege.in

Ph.: 08482 232101-232588 Fax: 08482-232101

7.1.5 Water conservation facilities available in the Institution:




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The following measures are taken for the conservation of water:

1. RAIN WATER HARVESTING

- The rain water coming from roof tops and that flowing within the campus are collected and the channels are drained into open well which is present at the corner of campus, constructed at all feasible points in the campus recharge ground water.
- A metal steep roof has been installed on roof and A sum of Rs.200000 (two lakh) has been invested for roof top rain water harvesting and connecting all pipelines in order to benefit the garden plants.



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Rain water harvesting

Roof top harvesting, rain water barrels, surface run of rain water harvesting are the method used to collect the rain water

Conserve rain water is used as a secondary source of water

The store water recharges the ground water level

The quantity of water conserved is efficiently utilized for usage in college premises

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2. OPEN WELL RECHARGE

- A sum of Rs. 500000(five lakh) has been invested in preparation of well in college premises.
- An open well located in the campus is recharged by rain water. The roof top rain water is transported to the well by using the appropriate pipeline system in order to recharge the well.



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3. CONSTRUCTION OF CONTOUR TRENCH

- A contour bund of size 1m x 1m is also created along one boundary of the college for the percolation of rain water.
- A sum of Rs. 100000 (one lakh) has been spent in connecting all pipelines which in turn go and connects well for water storage



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4. USAGE OF WASTE WATER

Wastewater discharged as effluent from septic tank and canteen wastewater are used for gardening, watering of trees etc.



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5. MAINTENANCE OF WATER DISTRIBUTION SYSTEMS IN THE CAMPUS

The ground water is pumped into storage tanks located at different places in the campus. There are five numbers of over head storage tanks and one Elevated Service Reservoir 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 committee 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.



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6. MEASURE TAKEN FOR WATER CONSERVATION



Amalalbar
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