



Shri Shivaji Education Society Amravati's
**DR. PANJABRAO ALIAS BHAUSAHEB DESHMUKH
MEMORIAL MEDICAL COLLEGE**
Shivaji Nagar, Amravati- 444603



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Water Conservation Facility

The Panjabrao Deshmukh memorial medical college and research Centre, Amravati has built up area of 400000sq feet out of which 2,00,000 sq feet rooftop area is available for rain water harvesting. Rain water is harvested from available area and used for open well recharge and recharging ground water. Recharge pits are created in campus to harvest the rain water. Considering the area available, we have potential for 1crore 80 lakhs liters of rain water harvesting per year.

1. Rain water harvesting:

At various buildings of the premises, the rain water from terrace, get collected through rain water pipes to the water filters. This filtered rain water get collected in the well and tops up the well storage.

In some buildings, this filtered water gets up to the recharge pits, which gets percolated into the earth. This procedure helps us to increase the water table of the premises.

2) Underground water storage tank:

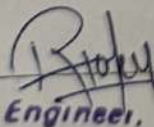
In our premises we have three underground water storage tanks having capacity of 2.00 lacs liters each. One is constructed behind the auditorium building, second is constructed at basement of main building and the third tank is behind the T.B. ward. All these underground water storage tanks are connected with wells through pumps. These underground storage tanks helps us to fulfill our daily requirements.

3. Annual maintenance record of water bodies including borewell:


This premises contains four wells which are constructed near Hanuman temple, front side of auditorium, near auditorium and behind interns' hostel respectively. We also have a number of storage reservoir. These water bodies are cleaning regularly. Sample of water is taken from five random locations every 3 months and sent to microbiology department for testing.


4. Borewell recharge facility:

Rain water collected from different buildings is diverted to some extent for open well recharge.


Engineer,

Dr. Panjabrao Alias Bhausaheb Deshmukh
Memorial MEDICAL COLLEGE,
AMRAVATI


Chairperson - Criteria No. _
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