



**NEW HORIZON
COLLEGE**

MARATHAHALLI

Permanently Affiliated to Bengaluru North University,

Recognized by the Govt. of Karnataka Recognized under section 2 (f) of the UGC Act, 1956

Accredited by NAAC with 'A' Grade

CRITERION-7

AQAR

2021-22

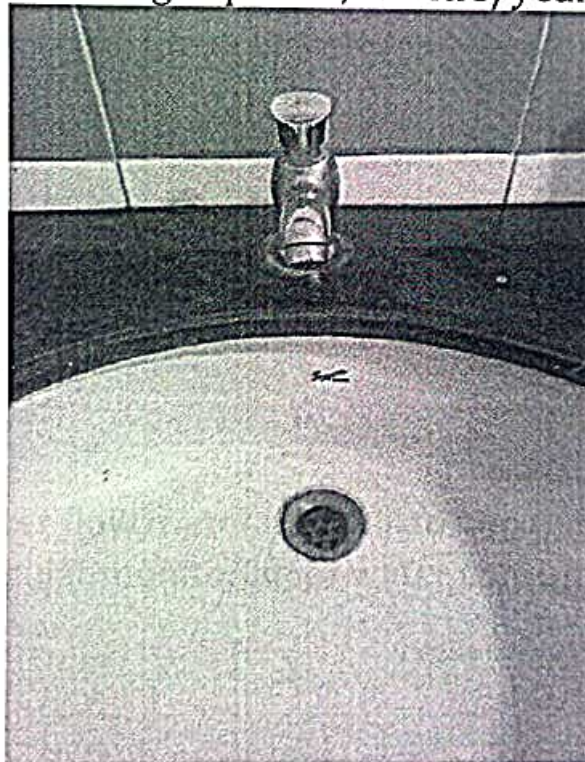
WATER CONSERVATION PRACTICES

Best Practices Implemented for Water Conservation

Low flow taps:

Low flow taps perform better with less water usage when compared to regular taps. These taps compensate the water pressure and give defined water flow rate, therefore less water wastage & more savings on water bills. The advantages of low flow taps as follows:

- Saves water
- Reduced water bill
- Optimized flow rate
- Different flow patterns (shower/Foam)
- Annual savings upto 10,000 ltrs/year/tap



Dual water piping system for the wash room:

The toilets and rest rooms in all the blocks of the college campus have been provided with dual water piping system. The dual water

pipng system consists of raw water piping network and STP treated final water piping network.

The STP treated final water is used for flushing in the toilets.

This method of processing the sewage water to convert as treated water and utilizing in all possible areas would have resulted in substantial amount of water savings.

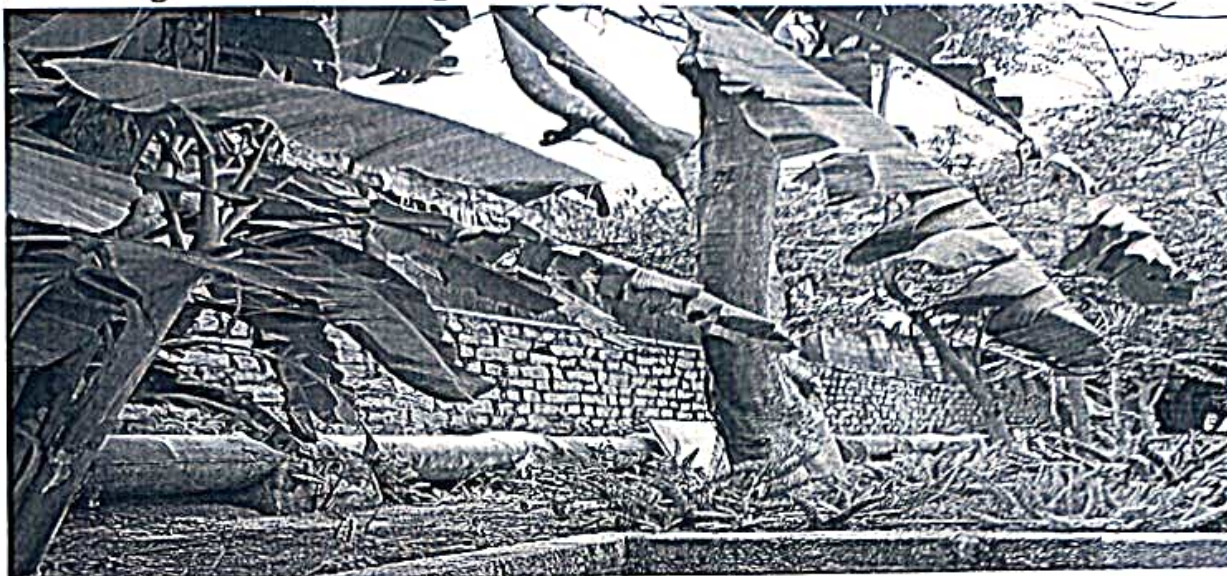


Water flow meter:

One number of water flow meter is installed near gate#3 to quantify the water used. Regular monitoring of water consumption data and

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recording of data is being carried out.



Water less urinals:

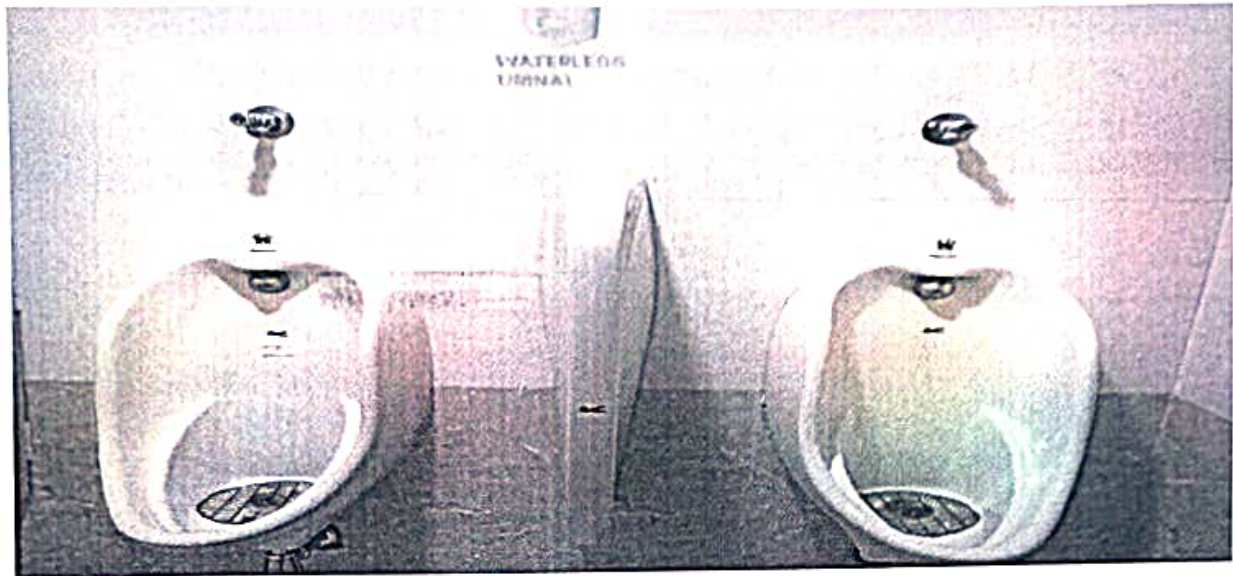
Traditional water based urinals are one of the major water consumer in any facility . Apart from the water usage, the cost for handling raw water to the urinals is an added expenditure. Also, maintaining the water taps and flushes for urinals will add to maintenance cost as well.

To overcome these challenges and as part of water conservation measure, the management has initiated the water less urinals implementation in campus.

The advantages of water less urinals are as follows:

- Saves water
- Reduces water bill
- Reduces maintenance cost
- Reduces usage of chemicals
- Improves overall bathroom hygiene


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Regular testing of water quality :

Testing water quality on a regular basis is an important part of maintaining a safe and reliable source. The test result allows to properly addressing the specific problems of a water supply. This will help ensure that the water source is being properly protected from potential contamination and that appropriate treatment is selected and operating properly.

It is important to test the suitability of water quality for its intended use , whether it be livestock watering, chemical spraying or drinking water. This will assist in making informed decisions about your water and how you use it. Water testing is done by college ,on regular basis to ensure quality of water used for drinking and other purposes. The sample water test report is given below.

Regular testing is important to :

- Identify existing problems.
- Ensure water is suitable for the intended use, especially if used for drinking by humans and animals.
- Track changes over time.
- Determine the effectiveness of a treatment system.



Other measures implemented for water conservation:

- Regular checking and maintenance of pipelines are done to control water wastage.
- Water conservation awareness campaigns are organised , dedicated staff members have been deputed for this activity and support of trust members is also extended.
- Usage of sign boards in all the wash rooms are posted to create awareness for water conservation.




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Email Correspondence



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GEO TAGGED PHOTOGRAPHS

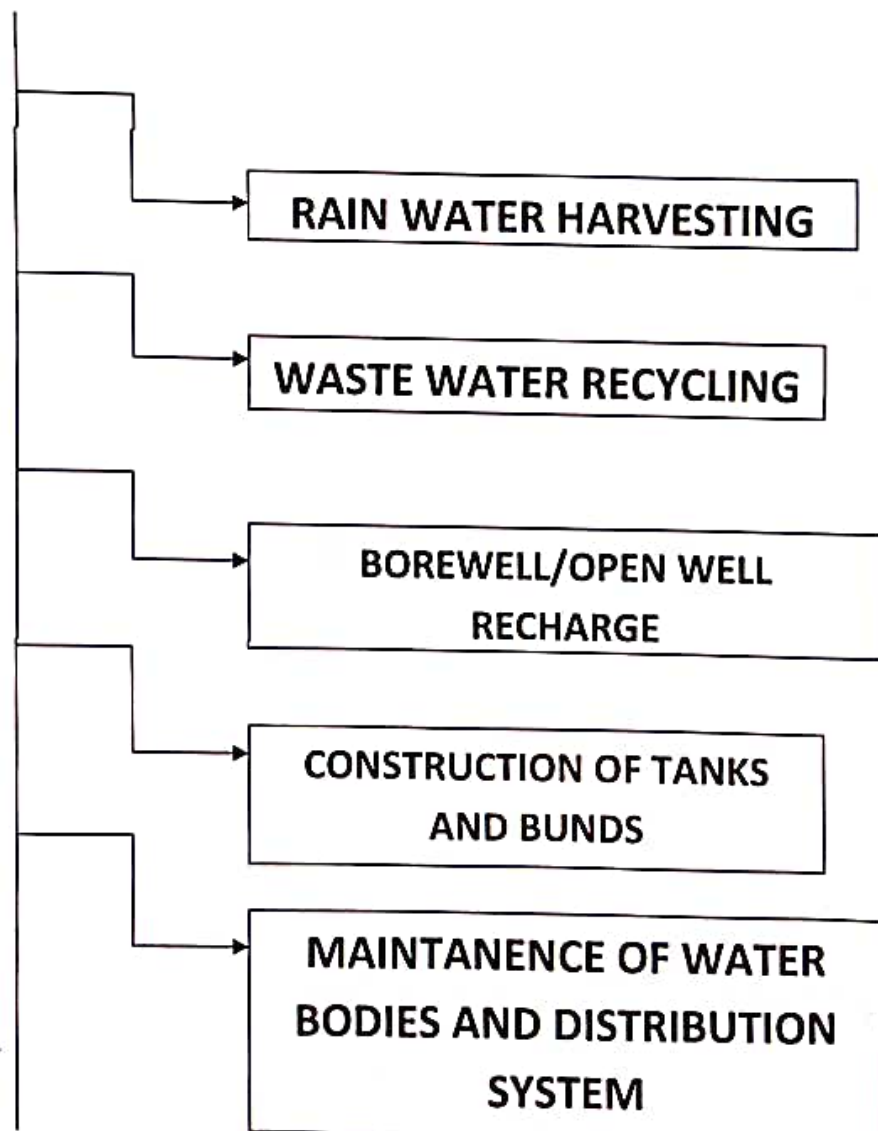


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7.1.4 WATER CONSERVATION



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RAIN WATER HARVESTING



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WASTE WATER RECYCLING




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BOREWELL / OPENWELL RECHARGE




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CONSTRUCTION OF TANKS AND BUNDS



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MAINTENANCE OF WATER BODIES AND DISTRIBUTION SYSTEM



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