

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Bore well /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

UVK college is located in rural area, there is no Municipal Water supply for the college. The college depends on ground water for all its water needs. Hence, efficient usage of available water and adaptation of water conservation measures are essential.

The daily requirement of water in the campus is around 30000 liters.

Conventional Rainwater Harvesting Pit

- Conventional rainwater harvesting pits measuring 02 feet x 02 feet in size have been established around the campus to collect the rooftop runoff.
- Rainwater is collected from a roof-like surface and redirected to a pit so that it seeps down and restores the groundwater.



Bore well /Open well recharge:

Bore wells have been placed on 3 locations that go 20 feet deep in the soil. The water level in this area is very good and so the water source can easily be tapped through 20feet deep bores.

The rainwater is then circulated through these bores and it helps is maintaining water level in the area.

Construction of Contour Trench:

A contour line of is also created along one boundary of the college for the percolation of rain water.

Use of trees that use less water:

The campus is green campus with a lot of plantation and greenery. The careful selection of trees makes a whole lot of difference while creating a green campus. Trees that use up less water have been handpicked and have been planted.



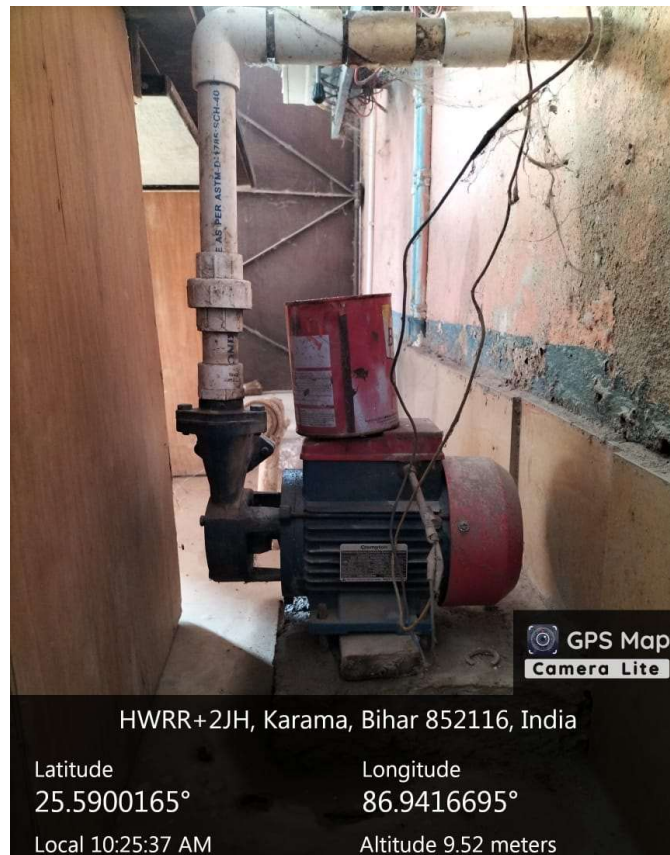
Maintenance of water Bodies Distribution System in the Campus:

The college campus has open areas which have not been plastered or cemented. The natural ground is open and the rainwater gets seeped into it naturally. Hence the water level gets normalized in every monsoon season.

The proposed concrete area too will have perforation and holes to absorb the rainwater directly to the ground.

All rooftop pipes have outlets on the ground for the same reason.





Principal/ Chairman
U.V.K. College, Karama
Alamnagar (Madhepura)