

Water conservation facilities available in the Institution:

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

Rainwater harvesting is done in two ways in the campus.

1. Surface Run Off Management
2. Roof top harvesting

1. **Surface Run Off Management:** University campus has two major nallah which are arts of natural drainage systems and drains the surface water in rainy season. Run off has been trapped at three places in the campus in cascading manner. As a first step, a pond has been excavated in the campus in front of Indira Girls Hostel which is filled with surface run off. After overflowing of this pond, the overflowing water is flown through a natural drainage and after about 500 meters another small stop dam has been created which stops water. Overflow of this stop dam is again stopped after a distance of 300 meters. These three structures capture the natural drainage and allow water to stay for a longer period. This helps in percolation to ground water and available surface water in the first pond is used for irrigation of parks and provides good habitat for migratory and local birds.
2. **Aquaculture Ponds:** There are fifteen earthen ponds in the campus of different dimensions. These ponds are filled up with rainwater and surface runoff from the campus and retain water for about 3 to 9 months. These ponds are used by the Department of Zoology and Applied Aquaculture for experiments of aquaculture.
3. **Roof Top Harvesting:** A model of roof top harvesting system has been installed in the Department of Zoology and Applied Aquaculture where a roof of about 200 sq. M. Is joined with a collection system and this water is collected in tanks of about 3 meter depth. These 70 sq m area tanks are used for experiments in aquaculture.

We are planning to increase the area of roof top harvesting this year.

Construction of tanks and bunds



Open Well Recharge and Pump House

