

#### 7.1.4 - Water conservation facilities available in the Institution:

(Ref. following link for images

[https://drive.google.com/drive/folders/1-BHm3uVDMEZ8WLFvP\\_3XKpWLCL9ajbiZ?usp=sharing](https://drive.google.com/drive/folders/1-BHm3uVDMEZ8WLFvP_3XKpWLCL9ajbiZ?usp=sharing))

##### 1. Rain water harvesting

The rainwater coming from rooftop and that flowing within the campus are collected in percolation pits of 5 ft dia each, constructed at all feasible points in the academic block and campus to recharge ground water which helps in reducing waterlogging and flooding.



Fig. Rooftop rainwater harvesting

##### 2. Bore well /Open well recharge

The failed borewells in the University campus are also utilized to recharge the ground water table. An open well near the e-learning centre building is also used to recharge the ground water table by rainwater. (Photo attached)

##### 3. Construction of tanks and bunds

The supplied treated water from PHD is pumped into one Elevated Service Reservoir in the campus. The storage tanks located at different places in the halls and academic campus are supplied from there through a set of distribution pipes. Further, from an open well water for gardening and the development of green landscape purposes is pumped to another tank.

Construction of Elevated Service Reservoir (Photo attached)

Pump house and sump near Elevated Service Reservoir (Photo attached)

Construction of tank for gardening purpose (Photo attached)

#### **4. Waste water recycling**

Developing a wastewater recycling system is planned in the master plan.

#### **5. Maintenance of water bodies and distribution system in the campus**

All the faculty and staff quarters are provided with a water distribution system from PHD. Sewerage water is drained out by a well-connected drainage system.

(Photo attached)

Drainage system in University Campus

(Photo attached)