



ADAMAS UNIVERSITY

7.1.4: Water conservation facilities available in the Institution

RAINWATER HARVESTING

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Photos-Geotagged

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Adamas university has also taken different measures for water conservation within its premise. To support water recharge through rainwater harvesting within the University, different infrastructures are built. Details of the rainwater harvesting of the campus are given here below.

Details

Harvesting of the rainwater helps to recharge the groundwater level. To increase the groundwater level, the University has made rainwater harvesting infrastructure. This infrastructure helps to direct the rainwater towards groundwater without much runoff and wastage.

Rainwater harvesting unit is constructed based on the distribution system of water collecting units placed on the rooftops of the girls' hostel of the University campus. Water collected on the roof arrives at the silt chamber through the PVC pipes. Within the silt chamber, sedimentation takes place through the natural process of layering from coarse to fine material in the form of a thick layer of bolder and sand. Finally, the pure water goes down to recharge the groundwater.



Fig 1: Rainwater harvesting infrastructure within the University campus



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