

## **Rain Water Harvesting**

Campus is sufficiently equipped with sustainable rain water harvesting systems.

- Soak pits, trench pits, ponds and sumps are well constructed at appropriate locations and maintained to store rainwater above the ground and recharge groundwater through a well connected drainage network designed for collecting rainwater runoff from roof tops and open areas, at the time of downpour within the campus.
- The stored rainwater is mainly used for gardening and construction.
- Further, most of the internal pavements and open spaces are laid with porous/permeable concrete paver tiles separated by joints and rainwater is allowed to infiltrate.
- Landscape is maintained such that each and every drop of rainwater is collected and drained into rainwater harvesting systems.
- Drains are always kept clean.



**Rain Water Harvesting Pond at Main Gate  
(Size: 14.5 m Diameter X 1.5 m Depth)**



**Open Well near Main Gate  
(Size: 4.3 m Diameter x 20 m Depth)  
with Bore (4" Diameter)**



**Rainwater Harvesting Pit at New Canteen  
(Size: 5.25 m x 5.0 m x 3.6 m)**



**Rainwater Harvesting Pit beside MNS  
Block (Size: 5.25 m x 5.0 m x 3.6 m)**



**Rainwater Harvesting Pit at MNS Block  
(Size: 9.0 m x 5.0 m x 3.6 m)**



**Rainwater Harvesting Pit at PAT Office  
(Size: 4.0 m x 4.0 m x 3.6 m)**

## **Rain Water Harvesting Structures**



**Porous/Permeable Concrete Paver Tiles Separated by Joints at MNS Block to Infiltrate Rainwater**



**Rain Water Collection and Conveyance System in Front of M-Block**



**Rain Water Collection and Conveyance System Opposite to M-Block**

## **Rain Water Harvesting Structures**



**Rain Water Collection and Conveyance System at Central Library**



**Rain Water Collection and Conveyance System in Front of Central Library**



**Rain Water Collection Point at Central Library**



**Rain Water Collection and Conveyance System on the Way to Canteen**



**Rain Water Collection and Conveyance System on the Way to Hostels**

## **Rain Water Harvesting Structures**