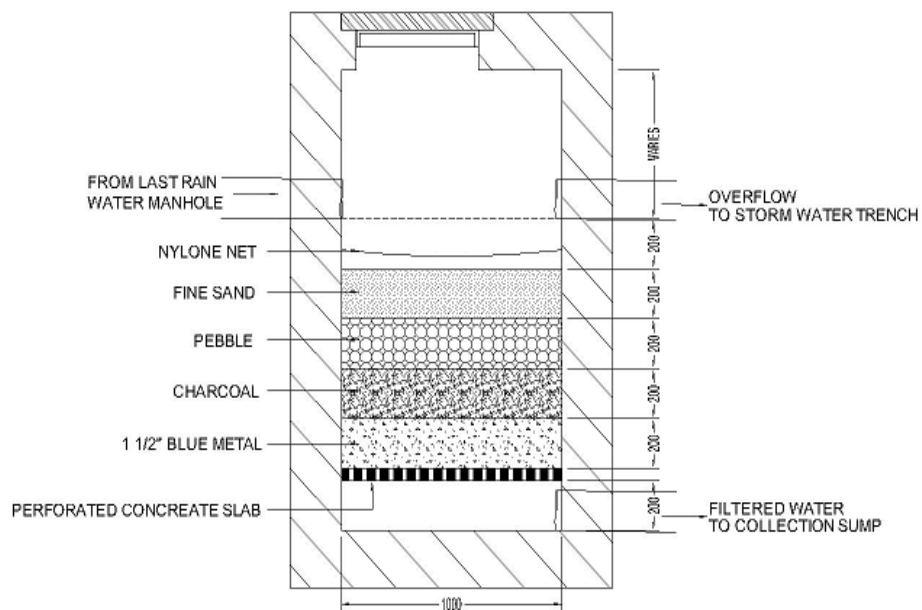


## RAINWATER HARVESTING STRUCTURES AND UTILIZATION IN THE CAMPUS

B.S.Abdur Rahman Crescent Institute of Science and Technology has taken initiatives to install rain water harvesting pits in the campus.

### Rain Water Harvesting

Rainwater harvesting facility is done in all blocks to collect rain water from the terrace. The harvested water is diverted to open wells in institute campus, Men’s Hostel and ladies hostel. The rain water is also stored in Underground sumps of Life Science block, Mechanical Science Block and New Staff Quarters. The rain water is stored after passing through the pre-filter as shown in Figure below.



RAIN WATER FILTER DETAIL

## RAIN WATER HARVESTING STRUCTURES IN CAMPUS



**RAINWATER HARVESTING PIT**



**RAINWATER COLLECTION WELL**



Latitude: 12.875334  
Longitude: 80.083529  
Elevation: -47.2m  
Accuracy: 27.6m  
Time: 20-12-2018 11:59  
Note: Rain water harvesting L S Block 1

**RAINWATER HARVESTING PIT AT LIFE SCIENCE BLOCK**



Latitude: 12.875479  
Longitude: 80.082899  
Elevation: 29.79m  
Accuracy: 6.7m  
Time: 11-19-2019 13:44  
Note: rwh g

**FILTER UNIT IN RAINWATER HARVESTING SYSTEM  
(ARCHITECTURAL BLOCK)**



**RAINWATER COLLECTION SUMP  
(ARCHITECTURAL BLOCK)**