



## Water Conservation Program Implementation at SEUSL

### 1. Water Conservation - Rain Water Collection from roof and recharge to groundwater



### 2. Rain Water storage and reuse for planting through drip irrigation



### 3. Water harvesting & Recycling for irrigation - Malwatta Pond





#### 4. Water transport from recharging well



#### 5. Ground water pumping well



#### 6. Filling bouser from recharging well



#### Description:

All the buildings of the South Eastern University of Sri Lanka have a separated sewerage system so that the rainwater from buildings and open areas do not mix with wastewater. Rainwater thus collected from the roofs of the buildings is discharged into local ponds and open areas around the buildings mainly for groundwater recharging purpose. The University uses pumped groundwater for the irrigation of lawns, hedges, landscaped areas, newly planted trees and during dry period



to irrigate some trees. The University also uses some of the treated wastewater for irrigation purposes. Pumped groundwater and treated

Wastewater are only used for irrigation purposes so that potable treated water is used only for domestic purposes (drinking, bathing, washing, cooking, etc.). This practice allows the University to save a huge amount of potable treated water thus paving way to save lots of money.