Introduction

Rainwater harvesting is a technology used to collect, convey and store rain water for later use from relatively clean surfaces such as a roof, land surface or rock catchment. RWH is the technique of collecting water from roof, Filtering and storing for further uses. Rainwater Harvesting is a simple technique of catching and holding rainwater where its falls. Either, we can store it in tanks for further use or we can use it to recharge groundwater depending upon the situation. RWH system provides sources of soft, high quality water reduces dependence on well and other sources and in many contexts are cost effective. RWH system is economically cheaper in construction compared to other sources, i.e. well, canal, dam, diversion, etc.

Rain Water Harvesting Facility in MVJCE

Rain water tanks are constructed for harvesting rain water to prevent soil erosion and meet the water requirements partially. MVJCE is utilizing Rainwater harvesting technology to collect, convey and store rain water for later use from relatively clean surfaces such as a roof, land surface or rock catchment.

MVJCE Rainwater Harvesting System

The rain water is channelized towards bore wells to raise the ground water level. Since the college well is much below the road level, water level rises in rainy season.

Water collected from terrace by PVC pipe outlet depends upon the area and number of pipes provided. Water is flowing through the chamber and drainage. The drain wells are constructed for water collection & recharge of surrounding ground. Drain connected from all the building flow towards lower level through external drain. Rain water pit is filled with gravels and sand for percolation of water for recharging the surrounding ground area. Total 12 numbers 3’0” dia 12’0”depth rain water harvesting pit are available at the campus.