

Detailed Report

Activity- “Survey Camp & Awareness program for students about standards/methods for harvesting of rain water”

Scheme- Water Conservation

Organized by- Jaladhikar Foundation, Agra Unit and Eshan College, Farah

Rainwater harvesting is collecting the run-off from a structure or other impervious surface in order to store it for later use. Traditionally, this involves harvesting the rain from a roof. The rain will collect in gutters that channel the water into downspouts and then into some sort of storage vessel. Rainwater collection systems can be as simple as collecting rain in a rain barrel or as elaborate as harvesting rainwater into large cisterns to supply your entire institute’s demand. The idea of rainwater harvesting usually conjures up images of an old farm cistern or thoughts of developing countries. The reality is that rainwater harvesting is becoming a viable alternative for supplying water. To create awareness a **“Survey Camp & Awareness program for students about standards/methods for harvesting of rain water (survey in campus and surrounding areas)”** was organized on 22/08/2017 in 75 participants’ attendance.

There were field experts accompanying students in this survey and gave their suggestions wherever required to give them right direction. The faculty and other non-technical staff members also participated in the survey. Our Director congratulated student efforts in conserving water and setting example for others of their age to follow such logical steps and make their institution self-reliant in terms of water requirement, without causing additional stress on the available water resources. Following measures were found to be most effective in the area-

- Rain Barrels- This method is the most common and one that many people are familiar with. This involves installing a barrel at a gutter downspout to collect rainwater. The actual barrel may be a recycled barrel or a new commercially available rain barrel.
- Dry System- This method is a variation of a rain barrel set-up, but it involves a larger storage volume. Essentially, the collection pipe “dries” after each rain event since it empties directly into the top of the tank.
- Wet System- This method involves locating the collection pipes underground in order to connect multiple downspouts from different gutters.

