

A Brief Report on “Awareness Program on Rain water harvesting” at Chetanpurwa, Kursi road, Block /Tehsil Bakshi ka Talab, District Lucknow held on 20th August, 2017 organized by the Department of Civil Engineering, Integral University Lucknow.

An awareness program at Chetanpurwa, Kursi road, Block /Tehsil-Balsika Talab, District-Lucknow held on 20th August, 2017. The faculty coordinators for the program were Mr. Nusrat Ali and Dr. Sabih Ahmad. Students of B.Tech. Civil Engineering actively participated in the event.

For the development of any country, water plays an important role in the everywhere like agricultural, industry, institution and construction work and so on. More than 70 % of the people depends upon the agriculture in our country so importance of water in our country is very important. Rainwater harvesting is the process of augmenting the natural filtration of rain water into the underground formation by some artificial methods. "Conscious collection and storage of rain water to cater demands of water, for drinking, domestic purpose & irrigation is termed as Rain water Harvesting.

Students aware the villagers about the Technique of rainwater harvesting. Students aware the villagers Specially about the Rooftop rainwater harvesting that it is the most common technique of rain water harvesting for domestic consumption in rural areas and this is most often do neat small-scale. It is a simple, low-cost technique that requires minimum specific expertise or knowledge and offers many benefits. Rain water is collected on the roof and transported with pipes to a storage reservoir, where it provides water at the point of consumption or can be used for recharging a well or the aquifer. Students also told that rain water quality may be affected by air pollution, animal or bird droppings, insects, dirt and organic matter therefore regular maintenance as well as a treatment before water consumption are very important. Students discussed in length about different methods, advantages and disadvantages of rain water harvesting. The villagers are using underground water for all household purposes. The students also visited various houses in the village to create awareness about importance & conservation of water.

