



BEST PRACTICE-

1. Title of the Practice - Rain Water Harvesting

2. Objectives of the Practice-

a) To save, soak and collect excess rain water in soil. b) Absorbing water in the pits to raise water level. c) To avoid summer water scarcity.

3. The Context

The college had a rainwater harvesting project. As per this project, The rain water collected on the roof top terrace was his changed into the borewell by connecting PVC pipes. This method was likely to have a different effect on the borewell. According to this new project method, rain water was discharged into the suction pit by connecting PVC pipes from the roof top terrace. This will increase the water level without adversely affecting the borewell.

4. The Practice

The 6x3 pit was dug at a distance of ten meters form the borewell. The pit was cleaned by removing the soil and other wastage from the pit. Materials like big black stones (3 inch). Medium sized stones (1.5Inch), fine graded, PVC pipes, bricks etc. were purchased for the project. A layer of stone was formed in the pits. While designing, firstly since stones were set at down upto 2 feet. After that at medium/middle stage 1.5 inches stones were kept and lastly. A layer of fine gravel was formed. Bricks were laid around the pit to avoid soil falling into pit 2.5 inches pvc pipe was added from the roof top and dropped into the pits.

5. Evidence of Success

An action plan was formulated to increase the water level of borewells by diverting rain water. According the water level is rising so that the supply of drinking water will be regular without any shortage of water in summer.

6. Problems Encountered and Resources Required

Black stone must be found while operating a rain water harvesting project. There was a problem getting these stones. Also due to Covid 19 period other materials required for the project were not available.

7. Notes (Optional)

The decision to set up a rain water harvesting project was taken in IQAC meeting. The action plan was prepared accordingly. The project was implemented under the guidance of environmental specialist Mr.Uday Gaikwad. The project was carried out with the help of NCC Students and administration staff.



BEST PRACTICE-

2. Title of the Practice –Zero Waste Management

2. Objectives of the Practice

- a) To keep the college premises clean.
- b) Collecting different types of waste according to its nature.
- c) Making waste available for recycling.

3. The Context

The college was generating a large amount of waste from different departments. The resulting waste was collected and disposed of the aim in objective is to separate the waste generated by the new project according to its nature and make it available for recycling.

4. The Practice

Paper boards (2x2) were purchased for the project. Nameplates were created according to the nature of the waste. Plastic waste, garbage waste, garbage waste from various laboratories, E-waste, glass waste, paper junk etc. names were given. Paper cardboard boxes were placed in every department of the college. According to this modern method different department collected waste will be used for recycling or it will be donated to social organizations.

5. Evidence of Success

The project is aimed of recycling the waste generated in the college or donating it to social organizations. Previously, waste generated in every department of the college could not be recycled as it was collected separating each waste according to this method helped in maintaining cleanliness and neatness in college.

6. Problems Encountered and Resources Required

The main objective is to collect the waste generated in the college and dispose of it properly. While carrying out the project there was difficulty in getting the paper card board boxes. The project will run efficiently if it receives support from the municipal corporation.

7. Notes (Optional)

Proper disposal of waste which will help to keep the environmental clean was the aim behind the project. As per this aim IQAC meeting decided to set up a zero waste management project. To launch this project and its active and smooth functioning environmental expert Mr. Uday Gaikwad contributed in wide way. This project will be given to students for study.