



DESHABANDHU MAHAVIDYALAYA, CHITTARANJAN

NAAC Accredited B + College

(Affiliated to Kazi Nazrul University)

Recognised Under Section 2(f) & 12(B) of UGC

P.O. – Chittaranjan, District – Paschim Bardhaman, West Bengal,

India, PIN – 713 331

BEST PRACTICES

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1. **Title of the practice:** Rain water harvesting and ground water recharging.
2. **Objectives of the Practice:** Effective utilization of rain water and recharging of ground water by utilization of daily waste water.
3. **The Context:** The institute has embarked upon the project of rain water harvesting and ground water recharging considering the threat of water scarcity in future and to mitigate water scarcity it is important to have a plan and practices even in micro-level to have awareness in all as far as possible and making it practicable in domestic front as well. In this perspective the project has an educational utility as well.
4. **The practice :** Rain water is the source of extra water for use of feeding plants, medicinal plant garden and flower garden at no extra cost in the college. The rain fall in the area is considerably good and the rain water is stored in an underground storage facility which has capacity of feeding plants and gardens continuously for five to six months and during the monsoon season extra water which is not stored because of capacity constraints, it is recharged in ground to reinforce the water table of the area. The initiative of rain water harvesting and ground water recharging has been appreciated by all the stake holders of the college.
5. **Evidence of success :** Evidence of success of rain water harvesting is obvious and it has been found effective in utilization of extra water stored during monsoon. The project has also been successfully used in demonstration to the students of the college to make them aware of the necessity and importance of rain water harvesting. The project has also been shown to the students of different schools to have awareness of water management in them.
6. **Problems Encountered and Resources Required:** Unused building materials and scraps were used in rain water storage construction. The underground water tank for storage of waste and sock pits for ground water recharging. However, a sum of 20,000/- (twenty thousand) was spent by alumni association towards payment of labour cost and some raw materials. The college has proposed to strengthen its mission of save water and used water to mitigate the challenge of water scarcity in future.
7. **Notes (Optional)**