

**MES College of Arts & Commerce
Zuarinagar Goa**

**Write up on
Roof top rainwater harvesting**

The roof top rainwater harvesting project in MES College of arts & Commerce began its operation since July 2008. The main purpose behind implementing the project was to conserve the rain water as it run off to the Arabian Sea and to tackle water shortage problem particularly in the summer season. The rain water harvesting helps to recharge the ground water table, as a result of the project the water table of the Sancoale, Cansaulim and Dabolim villages is expected to be raised. To a considerable extent the said project has helped the college to relive the pressure of being dependent on Government water supply.

The main objective of rooftop rain water harvesting is to make water available for future use. The pipeline has been laid from the roof of one of the buildings which is connected to the sump, which is further connected to the bore well. The sump capacity is 15,625 ltrs. The financial assistance has been provided by the Department of Science and Technology, Government of Goa. The roof top rainwater harvesting project has been beneficial, as it has augmented the college water supply, since the ground water is being recharged. The approximate water harvested, is 10,72,000 ltrs per year.



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