



MARWADI SIKSHA SAMITHI
R.G. KEDIA COLLEGE

(Affiliated to Osmania University, Recognized by AICTE)
3-1-336, Esamia Bazar, Opp. New Chaderghat Bridge, Hyderabad- 500027.

RAIN WATER HARVESTING

Institution has established in place a comprehensive rainwater collection strategy and plan. The strategy emphasizes rainwater collection and storage to fulfill the college's water demands, decrease dependency on external water sources, and protect water resources.

On campus, the college has constructed a strong rainwater gathering system. This comprises the installation of rooftop rainwater collecting systems, gutters, downspouts, and storage tanks. The system provides effective rainwater collecting and storage for a variety of uses.

The gathered rainwater is used for a variety of applications on the college grounds. It is utilized for irrigation of green spaces, toilet flushing, and other non-potable water requirements. The college minimizes its dependency on freshwater sources and helps to water conservation initiatives by using rainwater.



CONSTRUCTION OF TANKS AND BUNDS

Institution has taken an initiative that tanks and bunds should so that water can be used optimally. These buildings are intended to gather and store rainfall, allowing for water conservation and improved water management at the college. Construction of tanks and bunds serves two purposes: collecting rainwater runoff and preventing soil erosion. The tanks serve as reservoirs for captured rainwater, which may be used for a variety of purposes.

Tanks and bunds are built around the college campus. This provides excellent water collection and retention while having the least possible impact on the environment.

Regular tank and bund maintenance and upkeep are required to guarantee their operation. The College management inspects the structures, fixes any damage, and clears debris from them to ensure that they continue to be successful in water conservation and erosion control.



Bore well / Open Well Recharge: The institution has good bore well water facility available. A bore well is a deep, narrow hole drilled into the ground from which water is drawn through a pipe and pump. It is also safe to drink.

