

Barmer is situated in the heart of the Indian Thar Desert where scarcity of water is one of the greatest issues. Government College, Barmer aims to conserve every drop of this divine resource.

- A tank is constructed in the depression of campus where surface run off rain water gets collected and stored.
- The college has installed rain water harvesting system. The roof of college building is fitted with plastic pipes that are diverted into storage tanks. Two underground cemented tanks of capacity 120 KL & 60KL have been constructed in the college under Mukhya Mantri Jal Swavlamban Abhiyan that serve as collection & storage tanks for the roof top rain water. The roof of college is cleaned before the onset of monsoon to ensure the cleanliness of collected water.
- Water from these tanks is used for watering the plants even during the hot arid summer season.
- Water is collected in overhead tanks through electric driven motors and distributed in the campus through pipes for drinking. Water is made available in water huts and water cooler. Cleanliness committee looks after the regular maintenance & cleanliness of these water areas.
- In gardens watering is done through movable sprinkles One Matki – One Plant practice.
- Besides these small bunds are constructed with soil and stones to collect water around the green plants & trees to increase water infiltration and prevent soil erosion. These bunds increase the green water pool of the soil and thus ensure the recharge of water. NCC cadets, NSS volunteers and students take care of these bunds and ensure their proper maintenance.
- College has adopted nearby water bodies. Special camps and cleanliness drives are undertaken to ensure the cleanliness and maintenance of Jasder-Nadi and Soan-Nadi
- Rallies for conservation and maintenance of water bodies are organized.



**Roof top Rain water Harvesting**



**Tank for collection of Surface run-off water**



**Underground water tank**



## Water cooler in college



### Waterhut in campus



Watering with sprinkler



One Matki – One Plant system



**Small Bunds for water retention around plants**

