

7.1.4 Water Conservation Facilities Available in the Institution

7.1.4 WATER CONSERVATION FACILITIES AVAILABLE IN THE INSTITUTION		
S.NO.	WATER CONSERVATION FACILITIES AVAILABLE IN THE INSTITUTION	FACILITIES AVAILABLE AT S V VETERINARY UNIVERSITY
1.	RAIN WATER HARVESTING	Rainwater harvesting system, also called rainwater collection system collects and stores rainwater for further use. The structures are seen at different locations within premises. Awareness programmes on water conservation and rain water harvesting have been conducted regularly.
2.	BORE WELL/OPEN WELL RECHARGE	The bore wells on campus are used to replenish rainwater. Bore well recharge technique also makes sure the storage of naturally filtered rainwater.
3.	CONSTRUCTION OF TANKS AND BUNDS	As a part of revival to traditional wisdom, the institution built rain water storage tank, to collect the rainwater and can be used whenever it is required. Bunds are constructed to control the water table within the reclamation area; and. control the flow of the discharge water in the fill area.
4.	USE OF WATER SPRINKLERS	University is using sprinklers in fodder fields and also for gardening. This minimizes the water wastage and promotes the water utilization effectively. Photographs of sprinklers enclosed.

1.RAIN WATER HARVESTING

Rainwater harvesting means capturing rain where it falls or capturing the run off of rain water in your own premises. The collected water is also kept clean by filtering and such design of facility that does not allow pollutants to mix with collected water. Rain water is harvested from terrace, and ground floor areas for reusing in watering of lawns. Surface runoff from various ground sources and terraces are collected, filtered and recirculated for gardening and washing purpose. Besides natural percolation tanks, concrete storage tanks have also been built and rain water has been stored after proper filtration paving the open places with concrete roads is avoided so that rain water can be percolated. The rainwater harvested during rains not only helps to save water from conventional sources, but also to save energy and reduce expenses incurred on transportation and distribution of water. Awareness programmes on water conservation and rain water harvesting have been conducted regularly. Photographs enclosed

2.BORE WELL / OPEN WELL RECHARGE

Bore well / Open well recharge is very effective method of rain water harvesting. The bore wells on campus is used to replenish rainwater. Bore well recharge technique also makes sure the storage of naturally filtered rainwater. The water level rises when the bore wells are recharged. As a part of water conservation facilities that are available in the University, the bore well facilities are available in the campus. As the water crisis continues to become severe, there is a dire need of reform in water management system and revival of traditional systems.

3.CONSTRUCTION OF TANKS AND BUNDS

As the water crisis continues to become severe, there is a dire need of reform in water management system and revival of traditional systems. As a part of revival to traditional wisdom, the institution built rain water storage tank, to collect the rainwater and can be used whenever it is required. One of such bunds are seen in front of S.V. Veterinary University Women's Hostel. Bunds are constructed to create stability of existing sub soils, slope angles and water levels to ensure the integrity of the reclamation area. Bunds are constructed to control the water table within the reclamation area; and. control the flow of the discharge water in the fill area.

5. USE OF WATER SPRINKLERS

University is using sprinklers in fodder fields and also for gardening. This minimizes the water wastage and promotes the water utilization effectively. Photographs of sprinklers enclosed.



Rain water-Harvesting Ponds at College of Veterinary Science, Tirupati

Rain water-Harvesting Ponds at S College of Veterinary Science, Tirupati



Rain water-Harvesting Ponds at SVVU administrative office, Tirupati

Rain water-Harvesting Ponds at SVVU administrative office



Rain water-Harvesting Through Pipes at College of Veterinary Science, Tirupati

Rain water-Harvesting Through Pipes at College of Veterinary Science, Tirupati



Using Sprinklers for Effective Utilization of Water at Entrance of SVVU Campus, Tirupati

Using Sprinklers for Effective Utilization of Water at Entrance of SVVU Campus, Tirupati