

RAINWATER HARVESTING

The institute has taken sustainable approaches for the implementation of innovative water efficient technologies. The campus has a full-fledged rainwater harvesting facility. As a part of the watershed management scheme, the institute has constructed two interlinked ponds in front of the academic block with a storage capacity of 2,25,000 litres. These well-maintained ponds collect rainwater from the rooftops of Main Academic Block. The collected water is used for gardening and local purposes.

Two wells with capacities 70,500 litres & 67,500 litres are built to collect the rainwater from the rooftops. This helps to recharge the groundwater level.

RAINWATER HARVESTING	
Facility I	
Capacity	2,25,000 litres (In front of Academic Block)
Facility II	
Capacity	70,500 litres (Ladies Hostel)
Facility III	
Capacity	67,500 litres (Men's' Hostel)



RAIN WATER HARVESTING



OPEN WELL RECHARGE

Open well recharge is an effective method for rain water harvesting. The college has constructed two wells with capacities 70,500 litres & 67,500 litres to collect rainwater from the rooftops. This helps to recharge the groundwater level.



OPEN WELL RECHARGE



WASTE WATER RECYCLING

The college installed an odour-free, eco-friendly Sewage Treatment Plant in the premises of the boys' hostel for treatment, recycling and reusing of waste water. Bio-filtration, aeration and oxidation are the major stages of treatment. The tank capacity is 25,000 litres and the treated water is used for gardening purpose.



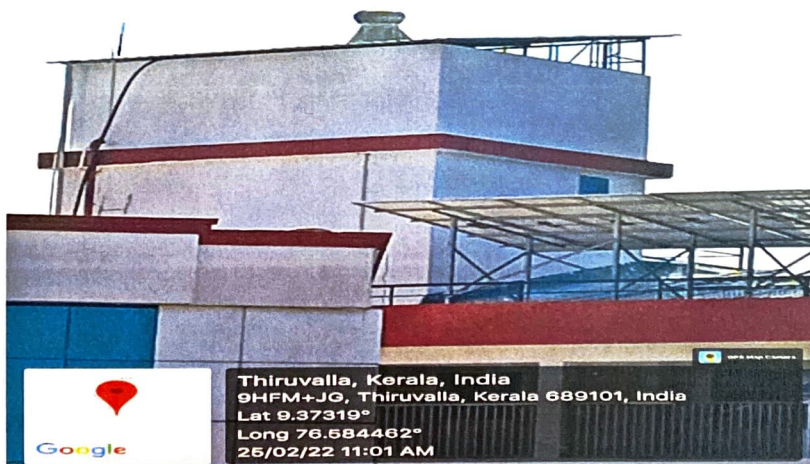
SEWAGE TREATMENT PLANT



CONSTRUCTIONS OF TANKS

The college has constructed and purchased several ground level water tanks and overhead tanks to provide adequate water facility. The details are as follows:

Sl,No	Type of Tank	Capacity	Location
1	Overhead Tank	40,000 litres	Main Academic Block
2	Overhead Tank	20,000 litres	Bio-campus
3	Overhead Tank	25,000 litres	Ladies Hostel
4	Overhead Tank	40,000 litres	Ladies Hostel
5	Ground Level Tank	1,50,000 litres	Ladies Hostel
6	Ground Level Tank	1,000 litres	Near Kitchen
7	Overhead PVC Tank	2,000 litres	Near Kitchen
8	Overhead PVC Tank	2,000 litres	Near Kitchen
9	Overhead PVC Tank	2,000 litres	Near Kitchen
10	Overhead PVC Tank	2,000 litres	Near Kitchen
11	Overhead Tank	25,000 litres	Boys Hostel
12	Overhead Tank	40,000 litres	Boys Hostel



OVER HEAD TANK



MAINTENANCE OF WATER BODIES

The college has adopted strategies to maintain the water bodies and has implemented a good design for proper distribution of water in the campus. The ground water is pumped to the storage tanks placed at different locations in the campus. There are 10 overhead tanks, 2 ground level tanks and 3 water harvesting facilities in the campus. The water is distributed through well laid pipe network. The entire distribution system is well supervised by the Superintendent. The waste water generated is treated with the help of Sewage Treatment Plant and is used for gardening and local purposes. Rain water from the rooftops of the Main Academic Block will be collected in the two inter-linked ponds constructed in front of the block. This is used for fish cultivation and the excess water will be transported to the wells constructed. The two wells constructed to collect rainwater from rooftops helps to maintain the groundwater level. Rooftops are also kept clean so that unnecessary garbage does not make the rain water dirty.



Water Distribution System

