



VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI - 670632, KANNUR, KERALA

Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE
ISO 9001 : 2015 Certified | Accredited by Institution of Engineers (India), NBA, NAAC
Ph: 0490 2212240, 2213399 Email: office@vjec.ac.in Website: www.vjec.ac.in

NAAC Cycle 2

Criterion: 7.1.2

Water conservation

Rain Water Harvesting

- Rain Water Harvesting system is installed in our campus. There are mainly two techniques of rainwater harvesting, storage of rain water on surface for future use and recharge to ground water.
- Our college is located in a hilly terrain. The rain water which falls on the surface goes as storm water runoff and recharges the ground water table.
- The rain water falling on the buildings are effectively collected by a system of PVC pipes and stored in a series of tanks specially constructed for this purpose. In that way we have stored around 26 lakh liters of water in an area of 40,000/- sq m. this water was collected from the roofs of lecture hall buildings. This stored water is used during summer season when there is shortage of water.
- In the quadrangle of our college we have a Rain water collection pond with a capacity of 4 lakh liters
- In front of the college we have two rain water collecting ponds with 2 lakh liters capacity and 20,000 liters capacity respectively
- The rain water falling on a vehicle shed roof is collected and sent to a well to recharge the ground water table.
- During acute summer, the Rain Water Harvested will cater for about 45 days of required water supply for the campus

Liquid Waste Management

- Used Water collected from kitchen wash, wash basins, cloth washing and bathrooms of hostels are sent to the waste water treatment plant in our campus. The water treated through treatment plant operating with activated sludge process (capacity of treating 2lakh liters per day) is used for gardening.

SN	DESCRIPTION	PAGE No.
1	Basement Storage below Mechanical Block	2
2	Rainwater Harvesting Tanks and Pond	3
3	Rainwater Recharge Well	4
4	Rainwater Check Dam	5
5	Wastewater Treatment Plant	6





VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI - 670632, KANNUR, KERALA

Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE
ISO 9001 : 2015 Certified | Accredited by Institution of Engineers (India), NBA, NAAC
Ph: 0490 2212240, 2213399 Email: office@vjec.ac.in Website: www.vjec.ac.in

NAAC Cycle 2

Criterion: 7.1.2





VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI - 670632, KANNUR, KERALA

Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE
ISO 9001 : 2015 Certified | Accredited by Institution of Engineers (India), NBA, NAAC
Ph: 0490 2212240, 2213399 Email: office@vjec.ac.in Website: www.vjec.ac.in

NAAC Cycle 2

Criterion: 7.1.2





VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI - 670632, KANNUR, KERALA

Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE
ISO 9001 : 2015 Certified | Accredited by Institution of Engineers (India), NBA, NAAC
Ph: 0490 2212240, 2213399 Email: office@vjec.ac.in Website: www.vjec.ac.in

NAAC Cycle 2

Criterion: 7.1.2



RAIWATER - RECHARGE WELL



RAINWATER - WELL RECHARGE - FILTERING SYSTEM



VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI - 670632, KANNUR, KERALA

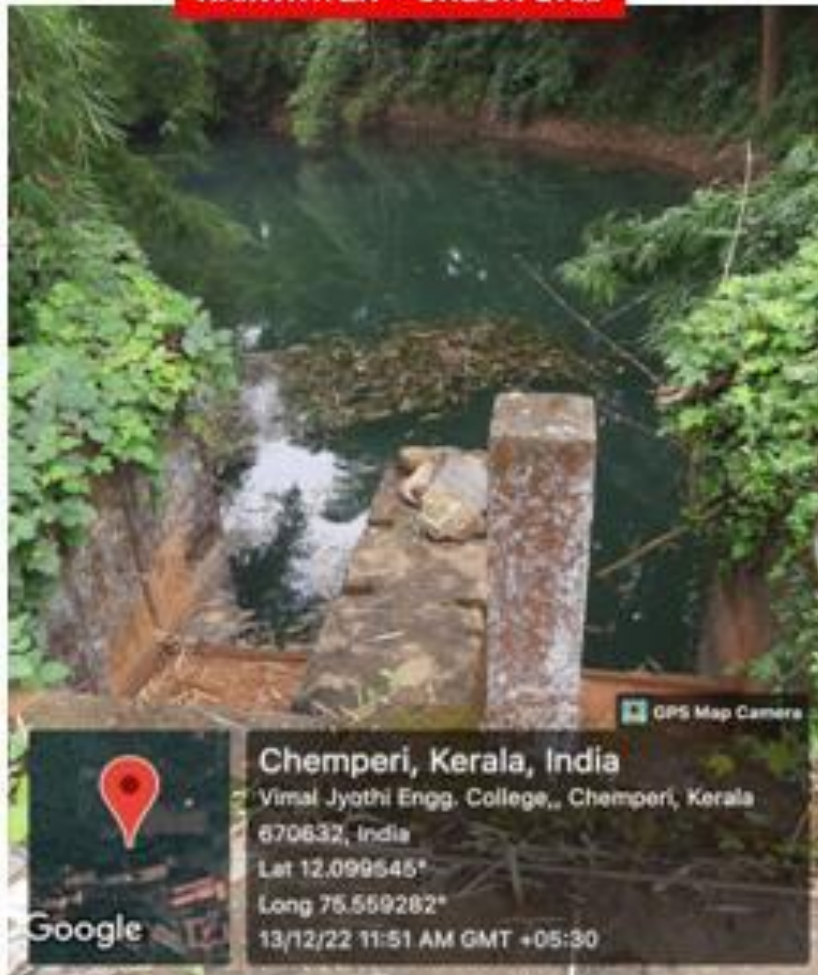
Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE
ISO 9001 : 2015 Certified | Accredited by Institution of Engineers (India), NBA, NAAC
Ph: 0490 2212240, 2213399 Email: office@vjec.ac.in Website: www.vjec.ac.in

NAAC Cycle 2

Criterion: 7.1.2



RAINWATER - CHECK DAM



GPS Map Camera

Chemperi, Kerala, India
Vimal Jyothi Engg. College,, Chemperi, Kerala
670632, India
Lat 12.099545°
Long 76.559282°
13/12/22 11:51 AM GMT +05:30

Google





VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI - 670632, KANNUR, KERALA

Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE
ISO 9001 : 2015 Certified | Accredited by Institution of Engineers (India), NBA, NAAC
Ph: 0490 2212240, 2213399 Email: office@vjec.ac.in Website: www.vjec.ac.in

NAAC Cycle 2

Criterion: 7.1.2

