

Rainwater Harvesting

The college has taken maximum steps to harvest rainwater inside the college campus as well as in the hostel campus

RECHARGE PITS

At Arul Anandar College (Autonomous), rainwater harvesting is done effectively to enhance the ground water level. Rainwater collection drains are constructed at the back of all buildings to facilitate the infiltration of rainwater to percolate deep inside the soil.

DE NOBLI HALL



XAVIER BLOCK



Sl. No	Location inside the Campus	Dimension(W x L in Meter)	Number of pit
1	Xavier Block	2.3 x 2.3	1
2	De Nobli Block (HOSTEL)	2.1 x 1.2	1

RAIN WATER COLLECTION POND AT MIRANDA PARK

All the rainwater from open walkway area is directed to open pond in Miranda park which is having holding capacity of 16 Lakh liters

Sl. No	Location inside the Campus	Dimension(W x L x D in Meter)	Holding capacity
1	Miranda park	31.2x43.1x1.2	1614 KL

MIRANDA PARK POND



RAINWATER RECHARGE AND REUSE

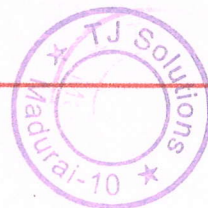
Rainwater from the roof of Arrupae Centenary block and Golden Jubilee blocks are directed to the well in the Golden Jubilee block having holding capacity of 18,06,098 lakh liters (1806 KL)

Portion of the rainwater is used in the laboratory after filtration and remaining water is used for gardening purpose.

GOLDEN JUBILEE BLOCK



Sl. No	Location inside the Campus	Dimension(W x Lx D in Meter)	Number of pit	Capacity(litres)
1	Golden Jubilee Block	6.32 X 7.1 X 40.25	1	18,06,098



RAINWATER HARVEST TANKS

At Arul Anandar College (Autonomous), to reuse rainwater effectively, rainwater storage tanks are constructed in a highly appreciable manner.

The rainwater from terraces of ArrupeIllam are redirected to a tank in the rainwater harvest tank in the ArrupeIllam with a capacity of about 2,56,516 liters.(256 KL)

Sl. No	Location inside the Campus	Dimension(W x Lx D in Meter)	Number of pit	Capacity(litres)
1	Arrupae Illam	11.12X15.8 X1.46	1	2,56,516

ARRUPAE ILLAM



Apart from two recharge pits, Arrupe illam, Miranda park and Golden Jubilee combined together rainwater storage capacity of 3676 kl is available inside the campus which is equivalent to 46 days water consumption.

EXCELLENT RAINWATER COLLECTION SYSTEM AND HIGHLY APPRECIABLE

