



# KALASALINGAM

## ACADEMY OF RESEARCH AND EDUCATION

### (DEEMED TO BE UNIVERSITY)



Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A++" Grade

Anand Nagar, Krishnankoil, Srivilliputtur (Via), Virudhunagar (Dt) - 626126, Tamil Nadu | info@kalasalingam.ac.in | www.kalasalingam.ac.in



Ensure availability and sustainable management of water and sanitation for all

### THE - Impact Rankings 2025

#### 6.5.3 Sustainable Water Extraction on Campus

##### Source of water

The source of raw water is Bore wells. 24 Bore wells are located at different areas of the campus. The water from bore wells are collected on to a tank and the water is filtered for bathing and drinking purposes. In addition, there are 12 rain water harvesting units located throughout the campus. This includes check dams, percolation ponds, bore and open well discharges etc. The land cover of KARE is 163 acres, hence an annual rainfall of approximately 5.4 lakh m<sup>3</sup>/year of water recharges the borewell.

The NSS Volunteers of our university have de-silted the ponds of the nearby adopted villages for sustainable water extraction. So, during the rainy season water can be stored in the pond for the sustainable use which will promote the ground water level. There are ponds and check dams within the campus to store the rainwater. There are provisions in each building of the university for rainwater harvesting. This rainwater harvesting is helpful to recharge the groundwater level. This facilitates the sustainable use of rainwater.

<https://www.kalasalingam.ac.in/wp-content/uploads/2021/11/Water-Conservation-Policy.pdf>



Unnamed Road, Krishnan Kovil, Tamil Nadu 626138, India

Krishnan Kovil

Tamil Nadu

India

2020-10-28(Wed) 12:36(pm)



32°C

90°F







**Location of Dam for water absorption and storage within the KARE campus**



**Percolation pond for storage of water within the KARE campus**

**Rain water Storage:**

The institution has a huge area for water absorption during the rainfall. The rainwater is also stored in the check dam and percolation pond. Due to this facility the groundwater level within the campus has increased. Rainwater harvesting facility is also provided in each building so as to harvest the rainwater and store them for a long period.



**Rainwater Harvesting System near Homi. J. Bhabha Block / Block-II / Chemistry Lab**





**Rainwater Harvesting System near Srinivasa Ramanujan Block / Academic Block-VIII**

GPS Latitude	9° 34' 28.87" N
GPS Longitude	77° 40' 32.68" E



**Rainwater Harvesting System near Srinivasa Ramanujan Block / Academic Block-VIII**

GPS Latitude	9° 34' 29.26" N
GPS Longitude	77° 40' 32.43" E





**Recharge Trenches near Manimandapam**

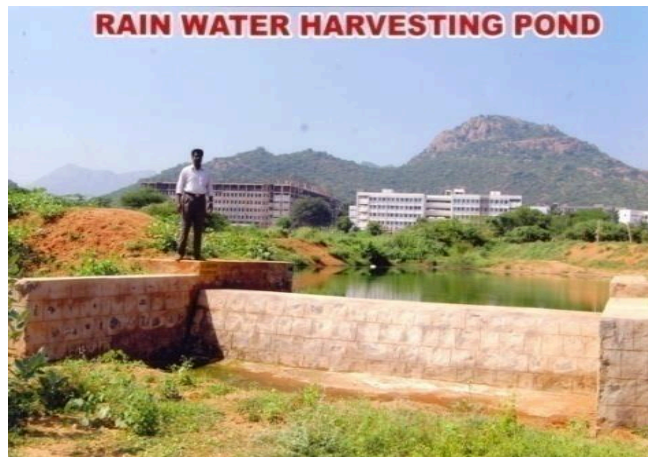
GPS Latitude	9° 34' 30.12" N
GPS Longitude	77° 40' 37.16" E



**Recharge Pit near Dr. K. S. Krishnan Auditorium**

GPS Latitude	9° 34' 29.58" N
GPS Longitude	77° 40' 38.02" E





**Recharging Percolation Ponds and Rain water harvesting pond inside the KARE campus**

GPS Latitude	9° 34' 34.18" N
GPS Longitude	77° 40' 48.04" E



**Recharging Percolation Ponds (Near Mens Hostel - III / Dr. Radhakrishnan Hostel)**

GPS Latitude	9° 34' 14.70" N
GPS Longitude	77° 40' 29.60" E





**Recharging Percolation Ponds Location at Babbage Block / Academic Block-VI**

GPS Latitude	9° 34' 24.77" N
GPS Longitude	77° 40' 48.04" E



**Recharging Percolation Ponds Backside of Mens Hostel - II / Bhagat Singh Hostel**

GPS Latitude	9° 34' 16.17" N,
GPS Longitude	77° 40' 38.08" E



## Sewage Treatment Plant inside the KARE Campus



**Sewage Treatment Plant – (500 Kiloliter per day)**