



KALASALINGAM

ACADEMY OF RESEARCH AND EDUCATION

(DEEMED TO BE UNIVERSITY)



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

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6 CLEAN WATER AND SANITATION



Ensure availability and sustainable management of water and sanitation for all

THE - Impact Rankings 2025

6.5.2 Offcampus Water Conservation support

Our university located in rural area 9.5747° N, 77.6798° E depends fully depends upon groundwater system only. Hence efficient usage of available water, we are following water conservation policy.

(<https://kalasalingam.ac.in/wp-content/uploads/2021/11/Water-Conservation-Policy.pdf>) The daily requirement of water in our campus is approximately 15.7 lakh litres/day. A centralized irrigation monitoring system throughout the campus to improve water use efficiency in the campus.

Types of water conservation system and their location in KARE campus

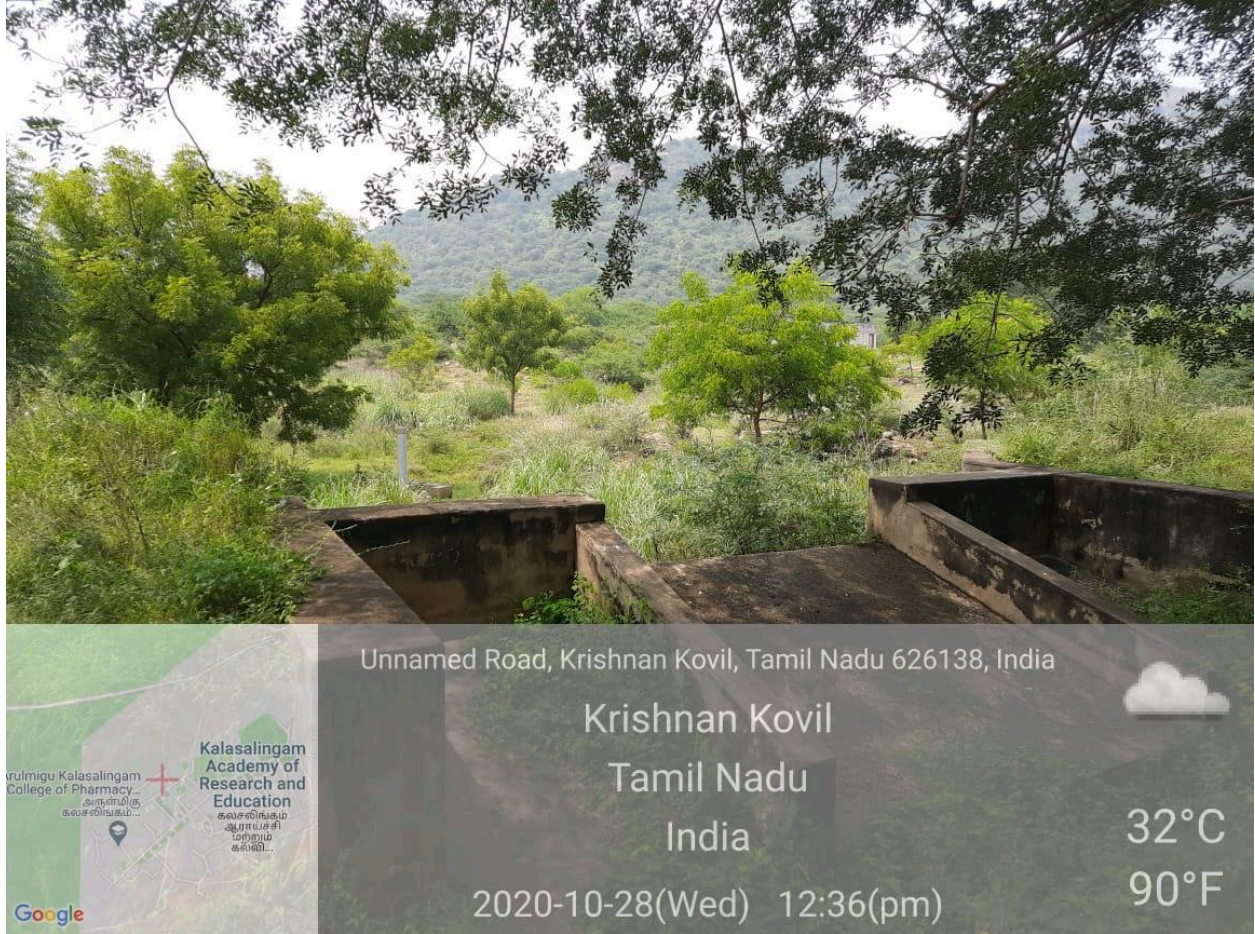
S. No.	Type of harvesting	Location
1	Recharging Dug Wells (RDW)	Near the Controller of Examinations Block (48 lakh Litres capacity)
2	Recharging Percolation Ponds (RPP)	Near Temple (2.5 Lakh Litres Capacity)
		Backside of Men's Hostel - II / Bhagat Singh Hostel (4 Lakh Litres Capacity)
		Babbage Block / Academic Block-VI (50 Lakh Litres capacity)
		Men's Hostel - III / Dr. Radhakrishnan hostel (60 Lakh Litres Capacity)

3	Recharging Borewells (RBW)	Men's Hostel - II / Bhagat Singh Hostel
		Near Temple
		South of PT Academic Block
4	Recharging Trenches (RT)	Near Manimandapam
		Near Academic Block-XI
5	Recharging Pit (RP)	Near Dr. K. S. Krishnan Auditorium
6	Sump	Backside of Chemistry Laboratory (Block 2)
		Backside of ECE Department (Block 3)
		Near Mess Hall (MH-III)
		Near Mess Hall (MH-II)
		Near entrance (MH-IV)
		Near entrance (LH-I)
		Near entrance (LH-II)
Near entrance (LH-III)		

Rainwater Harvesting System

KARE has established a sustainable water management system that includes rain water harvesting pits, trenches, check dams, canals and percolation ponds. The rainwater is harvested from the roof-top of the academic buildings and hostels. Our campus maintains separate canals for sewage water, rainwater and drinking water so there is no possibility In our campus of mixing polluted water with drinking water.

The rainwater collected is also used to recharge the groundwater through the campus's bore wells and open wells. Open wells and Borewells, which are strategically placed throughout the campus, are also used to recharge the groundwater. To meet the water needs of the campus community and also to help the nearby communities, the institution maintains open wells on its land near the 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 Dr.A.P.J. Abdulkalam Block / Academic Block-IX



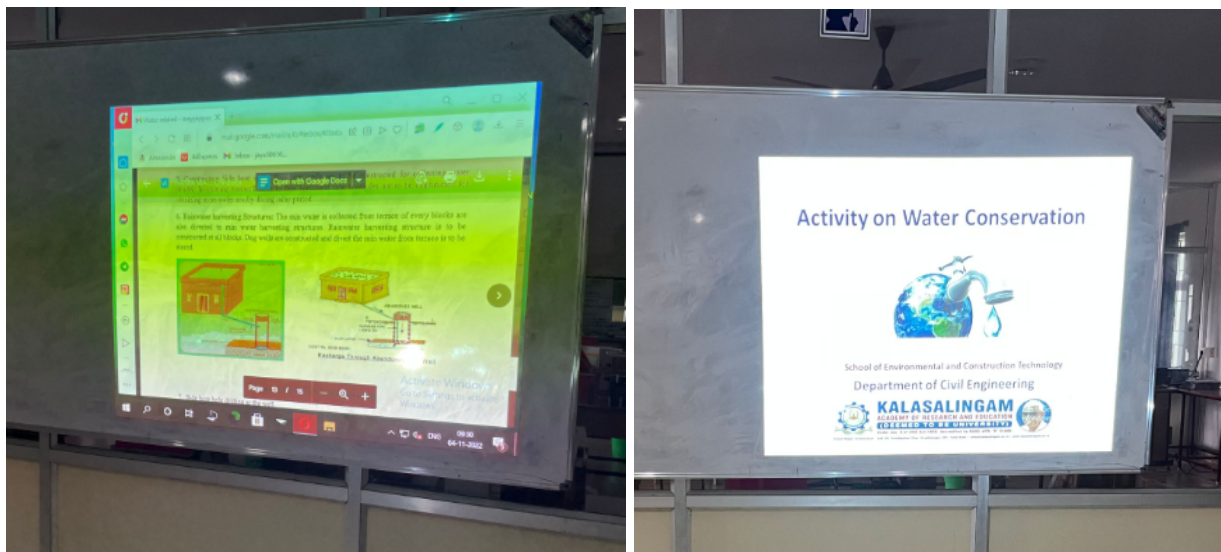
Rainwater Harvesting System near Srinivasa Ramanujan Block / Academic Block-VIII



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

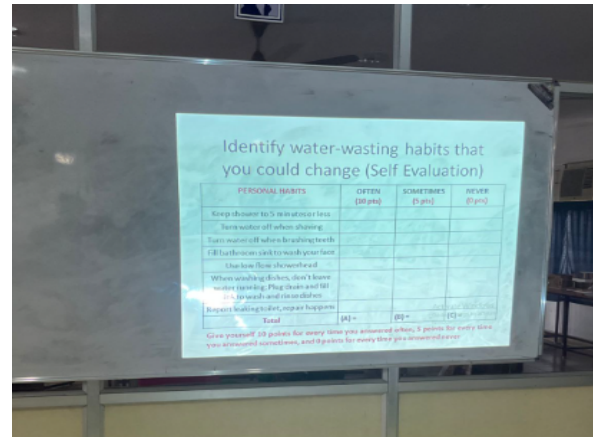
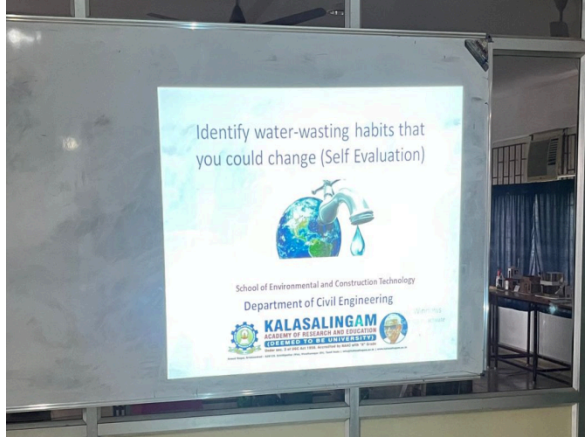


Recharging Percolation Ponds (Near Mens Hostel - III / Dr. Radhakrishnan Hostel)



Guest Lecture on “Recharging Ground Water Resources

The Department of Civil Engineering, KARE has conducted awareness on water conservation through awareness programme to identify water wasting habits that need to change through students self evaluation on 12.04.2022



Awareness programme to identify water wasting habits through students self evaluation



School of Mechanical, Aero, Auto and Civil Engineering

DEPARTMENT OF CIVIL ENGINEERING

with IEI KARE Civil Student Chapter

REQUEST ALL TO



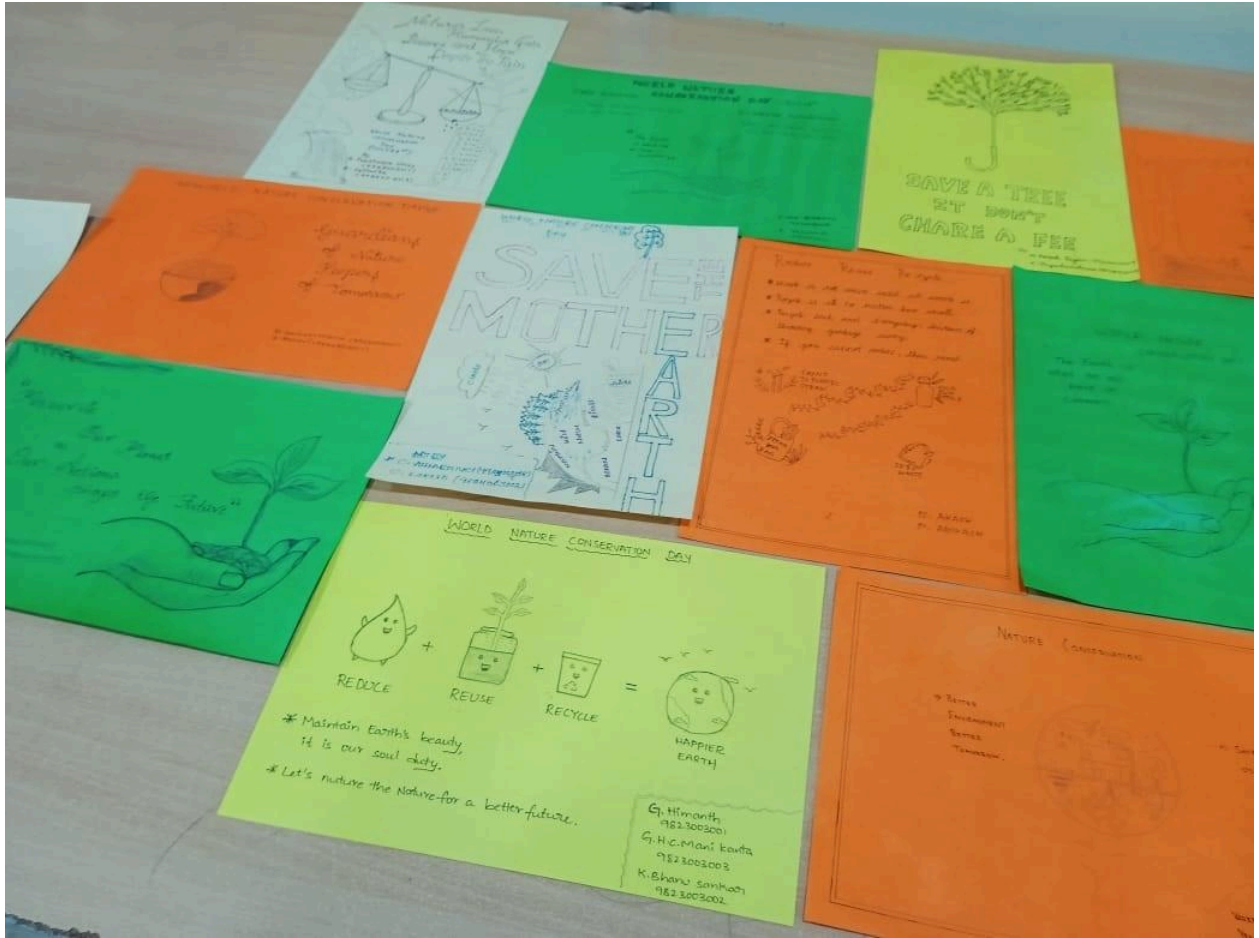
CHOOSE

**SLOGAN WRITING
CONTEST @
29.07.2024,
4.00 PM
CIVIL BLOCK, KARE**

Rules
The participants
would be judged on
the basis of relevance
to theme, originality
and creativity.

**REDUCE
REUSE
RECYCLE
REPEAT**







Students Activities on Water Conservation Programme