



# KALINGA UNIVERSITY

Established under Chhattisgarh Private Universities (Establishment and Operation) Act, 2005

Campus:- Kotni, Near Mantralaya, Naya Raipur, Chhattisgarh, INDIA - 492 101

Mob: 9303097043, website: www.kalingauniversity.ac.in

## Water Conservation

In alignment with **Sustainable Development Goal (SDG) 6: Clean Water and Sanitation**, Kalinga University follows sustainable water management practices to conserve and utilize water resources through a combination of infrastructure-based and awareness-driven initiatives. A Sewage Treatment Plant is installed to treat wastewater that is used for gardening and landscape purposes. Drip irrigation systems are implemented across lawns, gardens, and green belts, reducing water wastage and promoting plant growth. In addition, rainwater harvesting and bore-well recharge systems restore groundwater and support long-term water availability. The University also conducts various water conservation awareness programs and conducts special activities on World Water Day. These measures not only conserve water resources but also encourage students and staff to become environmentally responsible.

### Water Management Details

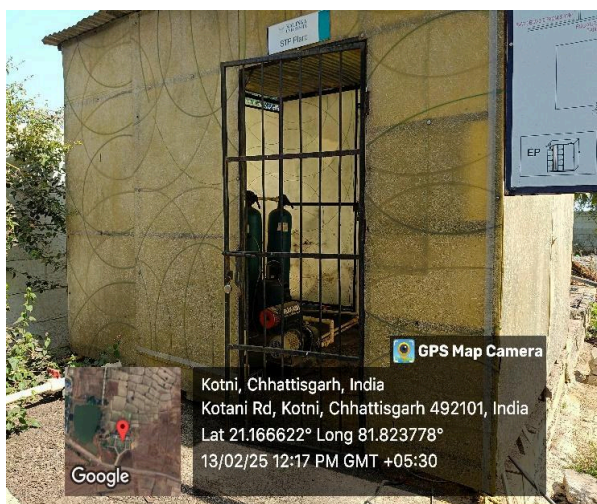
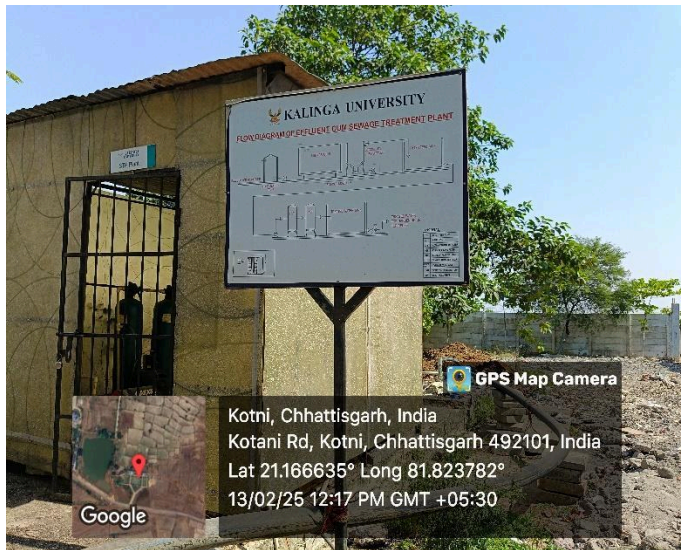
Financial Year	Total Horsepower of all pumps installed	Total Rooftop Area connected to Rainwater Harvesting (RWH)	Percentage of Wastewater Treated & Reused (approx.)	Total no of Taps in the Campus	No of Taps installed with low Flow fixtures	Total Rooftop Area
Unit	HP	Sq.ft.	%	Number	Number	Sq.ft.
2024-25	120	6,40,000	15	970	170	3940225
2023-24	120	6,40,000	10	970	170	3940225
2022-23	120	6,40,000	10	963	170	3940225

### Water Sustainability at Kalinga University

## A. Sewage Treatment Plant (STP)

The University follows various practices to ensure effective water management. A modern Sewage Treatment Plant (STP) is installed that treats wastewater collected from hostels, residential quarters, and academic buildings, which is recycled and reused for irrigation, landscaping, and gardening purposes, minimizing the usage of freshwater. The University also encourages everyone to use water responsibly through awareness and monitoring systems. These measures ensure long-term water conservation and the development of an eco-friendly campus.





## B. Drip Irrigation

To improve the water-use efficiency and contribute towards responsible water management, the University has implemented drip irrigation systems in lawns, gardens, and green belts. This system directly transfers water to the plant roots through a controlled network of pipes and emitters, ensuring proper water distribution while lowering evaporation and run-off losses, and contributing towards plant growth.





## C. Rainwater Harvesting

To effectively use rainwater, the University uses a rainwater harvesting system as a key measure toward sustainable water management. This system collects rainwater from rooftops and open areas and channels it into recharge pits and storage systems. It helps in restoring groundwater levels and reducing the dependence on external water sources. By combining this with other measures, the institution carefully uses water throughout the year.





## **Water Conservation Awareness Programs at Kalinga University**

Along with the above initiatives, Kalinga University also conducts various awareness programs throughout the year to promote responsible water management among students and staff. To highlight the significance of water conservation, the University organizes various seminars, workshops, guest lectures, poster-making and slogan-writing competitions, and student-led campaigns. Special activities are held on World Water Day, including rallies, awareness drives, and pledge-taking ceremonies. Departments also arrange training sessions and discussions on water auditing and sustainable water practices.

### **Awareness Campaigns and Outreach Programs include:**

- Poster Making & Awareness Drive on 'World River Day' under Puneet Sagar Abhiyaan
- World Water Day Celebration
- Awareness Campaigns World Wetlands Day
- Industrial Visit to Gangrel Dam, Dhamtari



**National Cadet Corps Department  
(NCC Army Wing)**

Organises

**Poster Making & Awareness Drive  
On**

# WORLD RIVER DAY

**UNDER PUNEET SAGAR ABHIYAN**

Aligned With UN SDG No.(s):  
06. Clean Water and Sanitation  
13. Climate Action  
14. Life Below Water  
15. Life on Land

**24<sup>th</sup> September 2025 02:00 P.M. Onwards**

Mode: Offline

**Seminar Hall, 2<sup>nd</sup> Floor, Main Building**

Event Details: The World River Day Activity is being organised under the Puneet Sagar Abhiyan as per the directions of HQ DG NCC. The activity will focus on creating sketches/posters by cadets on the theme “#Hamari Nadiya - Hamari Zimmedari” to spread awareness about the importance of cleaning and protecting rivers - the cradle of civilisation and lifeline of humanity.

This initiative aims to sensitise cadets to environmental responsibility, sustainable living, and river conservation, aligning with the United Nations Sustainable Development Goals (SDGs) as stated above.

For More Details, Contact:

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