Water Conservation Policy

Objective of the policy

- To bring awareness to all the stakeholders about the appropriate utilization of water in the campus
- To encourage the use of modern tools or technologies to manage water and wastewater efficiently
- To promote the importance of water harvesting and efficient water distribution systems in the campus

Introduction to the policy

According to the National Water Policy 2012, the increase in population, industrialization and urbanization resulted in challenges in the efficient utilization of water. There is a need to understand the efficient utilisation of precious water. Therefore, the water conservation policy is prepared to preserve water and to consume water in responsible, effective and environmental friendly way.

Guidelines from Public Statutory and Non-Statutory Bodies/ Committees.

- Water Policy and Action Plan for India,2020
- Uniform standards for coding, classification, processing
- Integrated Planning for Maximising Water Usability
- Water Allocation monitoring for Various Uses
- Implementation of Watershed Projects

Importance and Implementation at KPRIET

- RO (reverse osmosis) filtered water is provided for drinking purposes whereas the reject from the RO water filter is directly fed in to the flush water tank for toilet flushing.
- Wastewater is treated by the Sewage Treatment Plant (STP) where treatment is followed by flocculation, chlorination & filtration. The water quality is regularly monitored for quality control complying with state & national level pollution control regulatory framework.
- Testing of water samples is to be carried out for STP units.
- Dewatering the sludge from treated water, increases the treatment efficiency.
- Water collected from kitchen, canteen, bathroom, laundry, and vessel washing facilities is recycled and reused.
- Implemented dedicated research centres developing different technologies to reduce the ecological footprint of waste management especially concerning wastewater and composting of solid biological waste.
- The target for 2025 is that 50-60% of water demand on the Institution campus should be met by recycled water and rainwater.

Responsible Statutory and Non-Statutory Bodies/ Committees at KPRIET

- Building and Works Committee (BWC)
- Centre for Research and Development (CFRD)
- 5S

Meeting Frequency

In an academic year 6 meetings are scheduled. Three meetings in odd semester and another 3 in even semester.

Nodal Document Centre

KPR Institute of Engineering and Technology

First Implemented on	First Revision on	Last Revision on
11.06.2018	19 July,2023	9 July,2025
Details of Policy Framing Committee		
Dr. S. Balasubramanian / Professor & Head /Chemical Engineering Dr. S. Karunakaran / Associate Professor/ Chemical Engineering Dr. G. Surendran / Associate Professor/ Chemical Engineering Dr. E. Nakkeeran / Associate Professor/ Chemical Engineering		