

Water Management Policy for Ghulam Ishaq Khan Institute of Engineering Sciences and Technology.

Introduction:

GIK Institute is dedicated to responsible water management and the conservation of water resources. This policy outlines our commitment to efficient water use, water conservation, and the promotion of sustainable water practices across all areas of our institution.

Water Efficiency:

- a. GIK Institute will prioritize water efficiency in the design, construction, and maintenance of our buildings and facilities.
- b. We will implement water-efficient devices, such as low-flow faucets, toilets, and showers, to minimize water consumption.
- c. Regular inspections and maintenance of water systems will be conducted to detect and fix leaks promptly.

Water Conservation:

- a. GIK Institute will promote water conservation practices among students, staff, and stakeholders.
- b. Educational campaigns, workshops, and awareness programs will be organized to raise awareness about the importance of water conservation.
- c. Water-saving behaviors, such as turning off taps when not in use and reporting leaks, will be encouraged.

Water Reuse and Recycling:

- a. GIK Institute will explore opportunities for water reuse and recycling systems.
- b. Rainwater harvesting systems will be considered for irrigation and non-potable uses.
- c. Where feasible, graywater systems will be implemented to recycle water from sinks, showers, and laundry for non-potable purposes.

Landscape and Irrigation:

- a. GIK Institute will adopt sustainable landscaping practices to minimize water usage.
- b. Native and drought-resistant plants will be prioritized in landscaping designs.
- c. Irrigation systems will be equipped with smart controllers and moisture sensors to optimize watering schedules and avoid unnecessary water waste.

Monitoring and Measurement:

- a. We will establish systems to monitor and measure water consumption across our institution.
- b. Water meters will be installed to track usage and identify areas of high consumption.
- c. Regular water audits will be conducted to assess efficiency, detect leaks, and identify opportunities for improvement.

Continuous Improvement:

- a. We are committed to continuous improvement in our water management practices.
- b. Regular reviews of water performance will be conducted, and action plans will be developed to address areas of inefficiency.
- c. We will stay updated on emerging technologies, best practices, and regulatory requirements to enhance our water management efforts.

Compliance and Regulations:

- a. GIK Institute will comply with relevant water-related regulations, codes, and standards.
- b. We will engage with regulatory authorities, industry organizations, and experts to ensure adherence to water management guidelines.

Conclusion:

GIK Institute is committed to responsible water management and the promotion of sustainable water practices. By integrating water efficiency, conservation, and recycling measures into our operations, we aim to minimize our water footprint and inspire our community to adopt environmentally responsible water habits.