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**Water Discharge Management Guidelines – KIIT University**

**Objective & Scope:**

- To establish clear procedures for managing water discharges that protect ecosystems, human health, and campus sustainability.
- Applicable to all water discharge activities within the university campus and premises.

**1. Zero-Discharge Goal**

- KIIT aims to become a zero-discharge campus by minimizing wastewater, reusing treated water, and replenishing groundwater.

**2. Water Conservation**

- Use of low-flow fixtures and water-efficient technologies to reduce consumption at source.
- Awareness initiatives to promote responsible water use across the campus community.

**3. Rainwater Harvesting**

- Installation of harvesting pits to collect surface runoff.
- Stored rainwater is reused and contributes to groundwater recharge.

**4. Wastewater Management & Reuse**

- Greywater and blackwater are collected and treated using sludge-free technologies.
- Treated water is reused for landscaping, cleaning, and non-potable purposes.

**5. Water Treatment & Safety**

- Wastewater undergoes regular treatment to meet safety standards.
- Drinking water sources are safeguarded through continuous monitoring of contaminants and pathogens.

**6. Groundwater Replenishment**

- Systematic recharge of groundwater through conservation, reuse, and rainwater harvesting practices.

**7. Ecosystem & Health Protection**

- Water discharge practices are designed to minimize habitat disruption and prevent spread of invasive species.
- Regular pathogen control ensures safe recreational and drinking water sources.

**8. Monitoring & Accountability**

- Periodic water quality testing is conducted to ensure compliance with regulatory standards.
- A transparent reporting system maintains accountability and addresses non-compliance.

The sustainability focus of these guidelines lies in their alignment with KIIT's broader climate action plan. The university's commitment to environmental stewardship is reaffirmed through the promotion of resource efficiency, responsible water management, and long-term ecological balance. By these measures, a resilient campus ecosystem is aimed to be built while the vision of environmental sustainability is advanced at KIIT.

