

Ambitious Goal

Become a model campus having multiple water supply alternatives and implementing efficient water use technologies.

Objectives

1. Optimize rainwater harvesting techniques.
2. Minimize fresh water loss.
3. Enhance efficiency of water utilities.
4. Promote sustainable agricultural practices.

Actions

1. Develop and implement strategies to capture and utilize rainwater effectively.
2. Deploy advanced technologies for early detection of water leaks in water supply networks.
3. Establish regular maintenance schedules to repair leaks promptly.
4. Upgrade infrastructure and technologies to improve the efficiency of water treatment and distribution.
5. Implement smart metering systems to monitor water usage and identify areas for improvement.
6. Foster partnerships between public and private sectors to optimize resource allocation and management.
7. Encourage the adoption of water-efficient irrigation methods such as drip irrigation and micro-sprinklers.
8. Establish regular monitoring and testing protocols to assess the freshwater quality parameters, identifying any areas requiring remediation or improvement to meet desired standards.

Key Performance Indicators

1. Fresh water consumption per FTE.
2. Volume of fresh water used for irrigation per hectare of green area.
3. Volume of rain water collected.
4. Number of leakage incidences detected.

Alignment with Sustainability Development Goals

This Action Plan aligns with the following UN Sustainable Development Goals:

1. SDG 6 Clean water and Sanitation
2. SDG 9 Industry, Innovation and Infrastructure

3. SDG 11 Sustainable Cities and Communities
4. SDG 12 Responsible Consumption and Production
5. SDG 13 Climate Action

Alignment with JUST Strategic Plan 2022-2026

This Action Plan aligns with JUST Strategic Goal #5 University environment and infrastructure.

Challenges

Financial Resources

