



# Clean Water and Sanitation

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# Water Conservation

The university applies modern technologies to reduce water consumption:

Dual-flush toilet systems are installed in sanitation facilities, reducing water usage by 30–60%.

Sensor-based (touchless) faucets are used across the campus, ensuring water flows only when needed.

Low-flow showerheads are implemented to minimize water use.

Water-efficient washing machines and dishwashers are used in cafeterias and dormitories.

Regular technical inspections are carried out by the Lankaran Water Supply Authority to prevent leaks.

Water consumption is monitored through metering systems.



# Rainwater Management



Lankaran has a subtropical climate with consistent rainfall throughout the year. Especially during the spring planting season, irrigation of gardens and agricultural areas is carried out using natural rainfall when rain is forecasted. This approach reduces additional water consumption and promotes more efficient use of water resources. This method is effectively applied in tea plantations, citrus orchards, and vegetable gardens.



# Irrigation Management

Drip irrigation systems are used in green areas.

This method reduces water consumption by 30–50%.

Advantages:

Reduced evaporation losses.

Direct delivery of water to plant roots .

Minimization of soil erosion .

# Wastewater Management

Proper discharge of wastewater into the sewage system is ensured.

In laboratories, special procedures are applied for chemical waste:

Filtration systems .

Neutralization processes .



# Sanitation and Hygiene

All buildings are equipped with modern sanitation facilities, ensuring high standards of hygiene and public health. Handwashing stations are continuously supplied with soap and disinfectants, which promote proper personal hygiene and help reduce the spread of infectious diseases. In addition, the use of sensor-based (touch-free) systems minimizes direct contact with surfaces such as taps and soap dispensers, further enhancing cleanliness, especially in high-traffic public areas. Regular disinfection procedures, along with modern ventilation systems, also contribute significantly to maintaining a safe and healthy environment.

# Awareness and Education

Seminars and environmental campaigns are organized for students.

Events are held under the theme "Save Water."

SDG 6 topics are integrated into academic curricula.

Informational posters are displayed in dormitories.

