



## Waste Management Policy

### Policy Statement

Lok Jagruti Kendra University (LJKU) affirms its commitment to sustainable development through the adoption of a comprehensive Waste Management Policy. This policy seeks to minimize the environmental impact of university operations by promoting waste reduction, segregation, recycling, and responsible disposal.

### Objectives

- To manage waste in an environmentally responsible manner.
- To implement source segregation, safe disposal, and recycling practices.
- To foster campus-wide awareness and engagement in sustainable waste practices.
- To comply with all applicable environmental laws and regulations.

### Scope

This policy applies to all stakeholders on LJKU campuses, including students, faculty, staff, administrative offices, laboratories, hostels, canteens, and academic departments. It covers the following waste streams:

- Solid Waste
- Liquid Waste
- Biomedical Waste
- Electronic Waste (E-Waste)
- Plastic Waste
- Recyclable and Organic Waste

### Waste Management Practices

#### Solid Waste Management

LJKU operates a structured solid waste system centered around composting:

- Biodegradable waste from canteens (leftover food, etc.) is collected and processed in on-campus composting units.
- Compost is utilized to nourish campus gardens, promoting circular waste economy and sustainable landscaping.

#### Liquid Waste Management

- The university uses a Reverse Osmosis (RO) system to treat borewell water with high Total Dissolved Solids (TDS).
- RO wastewater is mixed with fresh water and reused for irrigating plants.
- Restroom wastewater is sent to a Suez treatment plant to ensure compliance with environmental disposal standards.



# Lok Jagruti Kendra University (LJ University)

## University with a Difference

(Lok Jagruti Kendra University Established by Gujarat Act No. 19 of 2019)

### Biomedical Waste Management

- Biomedical waste generated from labs and medical departments, including animal remains and hazardous lab material, is handled in partnership with a certified waste agency.
- All practices comply with the Biomedical Waste Management Rules, 2016.

### E-Waste Management

- LJKU has an E-Waste Management Centre for the responsible disposal and recycling of outdated electronics.
- Materials such as computers and circuit boards are either recycled or repurposed.
- Innovative PCB-based products are developed from e-waste to replace plastic and wood, promoting green alternatives.

### Waste Segregation and Recycling

- Waste is segregated into plastic, organic, and liquid categories at source, in compliance with AMC guidelines.
- Certified vendors are engaged for each category to ensure proper processing.
- The university uses an in-house developed plastic digester (GPCB-approved), to disintegrate plastic into ash.

### Awareness and Sustainability Commitment

- LJKU promotes sustainability through student-led drives, skits, and campaigns like 'Say No to Plastic' and 'Rise Above Plastic'.
- Events like tree plantation, plastic collection drives, and eco-workshops encourage participation.
- Environmental responsibility is integrated into both academic and administrative planning.

### Monitoring and Review

- The IQAC and Animal Ethics Committee shall oversee implementation, track waste audit metrics, and review policy effectiveness.
- The policy will be reviewed annually or as required.

### Compliance

This policy aligns with:

- Swachh Bharat Abhiyan
- Biomedical Waste Management Rules, 2016
- E-Waste (Management) Rules, 2016
- Plastic Waste Management Rules, 2016
- Environmental norms set by AMC and GPCB