

SDG–12

Responsible Consumption and Production

Introduction

United Nations Sustainable Development Goal 12 (SDG–12) focuses on ensuring sustainable consumption and production patterns through efficient resource utilization, waste reduction, recycling, and environmentally responsible practices. It promotes sustainable management of natural resources and encourages institutions to adopt eco-friendly systems for long-term environmental sustainability.

Commitment of the University toward SDG–12

Khwaja Moinuddin Chishti Language University is committed to achieving SDG–12 by promoting responsible consumption, sustainable waste management, recycling practices, and eco-friendly initiatives across the campus. The University has adopted systematic procedures for handling degradable and non-degradable waste and encourages environmental responsibility among students, faculty, and staff members.

Solid Waste Management

Solid Waste Management Policy

The University has implemented a Solid Waste Management Policy to ensure efficient collection, segregation, and disposal of waste materials through systematic procedures and outsourcing support services.

Major Waste Management Practices

- Twin-bin systems have been installed across classrooms, corridors, and common areas for waste segregation.
 - Green bins are used for biodegradable waste.
 - Blue bins are used for non-biodegradable waste.
- Daily sorting is carried out to separate biodegradable waste from inert materials such as glass and metal.
- Decomposable waste is disposed of in sanitary composting pits.

- Compost generated from biodegradable waste is used for horticulture and gardening within the campus.
- Kitchen and mess waste is utilized in the Biogas Plant for manure production.
- Paper waste, office copies, and cardboard materials are recycled through auction procedures.
- Non-biodegradable waste is collected by the Municipal Corporation for safe disposal.

Biogas Plant

The University has established a Biogas Plant for effective management of organic waste through anaerobic digestion technology.

Objectives and Benefits

- Organic waste from hostels and mess areas is processed to produce biogas.
- The generated biogas is utilized for energy purposes, particularly in hostel kitchens.
- Nutrient-rich manure produced as a by-product is used in agricultural and gardening activities on campus.

Liquid Waste Management

Sewage Treatment and Water Reuse

The University follows a Liquid Waste Management Policy for proper treatment and reuse of wastewater.

Major Practices

- Sewage is the primary liquid waste generated on campus.
- Wastewater is treated through a Sewage Treatment Plant (STP).
- Treated water is reused for gardening and landscaping activities.
- This system supports water conservation and environmental sustainability.

E-Waste Management

E-Waste Management and Recycling System

The University follows an E-Waste Management & Waste Cycling System Policy to ensure responsible handling of electronic waste.

Major Initiatives

- Electrical and electronic equipment are regularly maintained and repaired to increase their lifespan.
- Obsolete computers, cartridges, laboratory scraps, and electronic parts are stored safely and sent to authorized recycling agencies.
- Printer cartridges are refilled and reused to reduce waste generation and unnecessary purchasing.

Paperless Operating Procedure

Digital Communication and Documentation

To minimize paper consumption and encourage sustainable practices, the University promotes digitization in administrative and academic operations.

Key Measures

- Notices, circulars, and official documents are shared electronically.
- Communication is conducted through emails and digital platforms.
- The initiative significantly reduces paper waste and promotes environmental conservation.

Plastic-Free Campus Initiative

Eco-Friendly Campus Practices

The University has declared the campus as a Plastic-Free Zone to reduce environmental pollution and encourage sustainable alternatives.

Major Activities

- Use of plastic materials within the campus is prohibited.
- Students and staff are encouraged to use eco-friendly alternatives.
- Awareness campaigns are conducted regularly regarding the harmful effects of plastic pollution.

Campus-Level Sustainability Initiatives

Campus Cleanliness and Waste Segregation Drive

The University organized a Campus Cleanliness and Waste Segregation Drive to promote environmental awareness and responsible waste disposal practices.

Objectives of the Drive

- Cleaning of campus premises and public spaces
- Collection of waste materials
- Segregation of biodegradable and non-biodegradable waste
- Promotion of cleanliness, hygiene, and environmental responsibility

Faculty members, students, and staff actively participated in the programme, strengthening the University's commitment toward a green and sustainable campus.

Clothes Donation Drive under Seva Pakhwada

Under the directions of the Governor's Secretariat, the University organized a Clothes Donation Drive as part of the "Seva Pakhwada" programme conducted from 17 September to 2 October 2025.

Purpose of the Programme

- Collection of old clothes for needy and underprivileged people
- Promotion of social responsibility and sustainable utilization of resources
- Encouragement of community participation in welfare activities

The programme was conducted under the "Swachhotsav" initiative in the Administrative Building Hall with active participation from the Vice-Chancellor, Prof. Ajay Taneja, Registrar Dr. Mahesh Kumar, faculty members, and staff.

Infrastructure and Supporting Facilities

Waste Collection and Cleaning Facilities

- Routine cleaning and maintenance of open spaces are conducted daily.
- Sports grounds and playing areas are cleaned regularly.

- Waste collection is carried out systematically by cleaning staff.

Waste Segregation and Composting

- Garbage collected from bins is segregated into biodegradable and non-biodegradable categories.
- Biodegradable waste is regularly dumped into composting pits for manure production.

Garbage Disposal System

- Non-biodegradable waste is disposed of through Municipal Corporation garbage collection vehicles.
- Waste collection vehicles regularly visit the University campus for proper disposal.

Waste Receptacles and Waste Bins

- Waste receptacles are strategically installed across indoor and outdoor areas.
- Separate bins are provided in hostel areas for garbage collection and composting purposes.

Conclusion

Through effective solid waste management, biogas production, liquid waste treatment, e-waste recycling, digitization, plastic-free initiatives, and sustainability awareness programmes, Khwaja Moinuddin Chishti Language University actively contributes toward the achievement of SDG–12: Responsible Consumption and Production. The University remains dedicated to promoting sustainable resource utilization, environmental conservation, and responsible community practices for a greener future.