



ख्वाजा मुईनुद्दीन चिश्ती भाषा विश्वविद्यालय, लखनऊ Khwaja Moinuddin Chishti Language University, Lucknow

SDG 12 : RESPONSIBLE CONSUMPTION

Response: The University is dedicated to effectively handle and manage various types of degradable and non-degradable waste. The University has waste management policies and has provisions to ensure proper waste management.

Solid Waste Management: The University has duly formulated **Solid Waste Management Policy** to ensure efficient waste management. The waste collection and management are done at designated intervals employing an outsourcing agency. The campus is equipped with twin-bin systems, with green and blue- coloured bins strategically placed throughout classrooms, corridors, common rooms, and other areas. This segregation of biodegradable and non-biodegradable waste helps maintain a clean campus environment. The biodegradable waste in the bins is isolated from inert materials like glass, metal, and other inorganic items through sorting and separating operations daily. The decomposable refuse thus segregated is safely deposited in sanitary pits for composting that are carefully selected, designed, and operated to protect the environment and public health. The compost formed is used in horticulture of University. The biodegradable waste from the kitchen and mess area is composted/ used in Biogas Plant and converted into manure. Wastes in terms of paper, cardboard, copies from various offices and departments are sold through auction for recycling. The non-biodegradable waste is collected by garbage trucks of Municipal Corporation for proper disposal.

Biogas Plant: A biogas plant has been installed to handle organic waste through anaerobic digestion, producing biogas for energy generation and nutrient-rich manure. The waste generated from Hostels is utilized in the Biogas Plant and biogas generated thereby is used in Hostel kitchen.

Liquid waste management: Liquid waste management is done in accordance with the guidelines laid down in **Liquid Waste Management Policy** of the University. Sewage is the only Liquid waste being generated in the premises of University, which is managed through Sewage Treatment Plant. The treated water is used for gardening purpose contributing to environmental conservation.

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Bio-medical & hazardous chemicals and radioactive waste management: Currently, the University does not produce bio-medical and hazardous chemicals or radioactive waste. However, future waste generation in these areas would be managed according to biomedical waste and hazardous waste management rules outlined in the [Biomedical Waste Management Policy](#).

E-waste management: The University has an [E-Waste Management & Waste Cycling System Policy](#) through which E-waste management is carried out. Electrical and electronic equipment is maintained and repaired to extend their lifespan. Waste components such as computer parts, cartridges, and laboratory scraps are stored and sent to recycling units or returned to suppliers for proper disposal. Printer cartridges are refilled to reduce the need for frequent purchasing.

Paperless Operating Procedure: The University is also proactive in reducing paper waste by promoting a paperless operating procedure through Digitalization of documents, notices, circulars, and other papers along with e-communication and the use of WhatsApp Groups and emails for more efficient sharing processes.

Plastic free campus: The use of plastics is prohibited in the campus premises and all stakeholders are encouraged to use eco-friendly products. [No-plastics campaigns](#) are conducted regularly for sensitization on hazardous effects of plastics on environment.

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