



University of Technology

Serving Education Since 1976

Fatehpuria Main Road, Post Kumhariawas, Vatika Road,
Rajasthan 303903



1st Cycle
Assessment & Accreditation by NAAC

Criterion - VII
INSTITUTIONAL VALUES AND BEST PRACTICES

7.1.3

Policy Statement on Waste Management

(Geotagged Photos in any other relevant information link)

Policy Statement on Waste Management

Introduction

Waste management is important because improperly stored refuse can cause health, safety and economic problems. To prevent damaging the ecosystems and maintain a high quality of life, humans must manage and store their waste efficiently and safely.

The University of Technology has a deep concern to protect the environment, health and well-being through implementation of effective waste management practices such as segregation, recycling, and composting. It is segregated and disposed of properly to the Nagar Panchayat sanitary department.

Objectives

- To contribute in environment protection and sustenance through initiatives like cleanliness drives and proper disposal of waste material.
- To instill values of proper disposal of waste material among the students and stakeholders.
- To make the campus plastic free.
- To conduct lectures and awareness programmes on waste management and environment protection.

Waste Management Policy

A) Degradable Waste Management:

- Biodegradable kitchen waste from Canteen, Horticultural waste such as dried leaves, twigs are collected from all around the campus and used for overcompensating.
- Use of dustbins throughout campus for waste segregation
- Waste food and leftovers of the canteen are used for biogas plants.
- Digitization of office procedures through electronic means via WhatsApp group, email and Google classroom, thus, reducing paper-based waste.

B) Non-Degradable Waste Management:

- Waste like plastic, metals, glass, newspaper and stationery are to be systematically collected.
- The collected non-degradable waste has to be segregated and sold to authorized vendors for its recycling.
- E-waste management .

This policy is mandatory for all stakeholders to abide with the practice of waste management in and outside the campus.

2. Management of various types of degradable and non-degradable wastes

Sr. No.	Facilities in institution for management of degradable and non-degradable waste
1	Solid Waste Management: Degradable and Non-degradable Waste
2	Liquid Waste Management: Degradable and Non-degradable Waste
3	Biomedical Waste Management
4	e-Waste Management
5	Waste Recycling System
6	Hazardous chemicals and radioactive waste management

The University has facilities for management of degradable and non-degradable waste to reduce adverse impact on human health and environment. Several facilities are available for the management of degradable and non-degradable waste.

The following initiatives are taken in this regard:

1. The solid waste is collected in pits regularly and destroyed periodically. The dustbins are also used to separate the different waste like solid, biomedical, etc.
2. For solid waste management different bins have been placed in campus and in different departments. The waste material is collected in dustbins and dumped in Nagar Panchayat vehicles. The waste generated through newspapers is sold to scrap tenders for recycling.
3. Management of waste from boys Hostel is resolved by Nagar Panchayat sanitary department. Solid Waste is collected every alternate day by the Garbage Collection Truck of Nagar Panchayat. Biomedical waste is collected, segregated and disposed of. Incinerator is available in the ladies hostel and common room.
4. The waste water which is discharged through washrooms and toilets are connected to the corporation drainage system through underground pipelines.
5. E-Waste is generated i.e. worn out computers, other hardware, electric appliances consists of hazardous materials and improper disposal of these products is dangerous for living beings. The E- waste in the university has been collected and given to scrap dealers for recycling. The university has made an Ashutosh computer center ,Jaipur for annual maintenance of computers. As per the need of the University, the old computers and equipment are replaced by advanced ones.
6. Hazardous gasses are managed to pass through exhaust fans installed in laboratories. Waste chemicals in laboratories are properly disposed of.

WASTE RECYCLING SYSTEM

Degradable solid waste collected from cafeteria, Boys and Girls Hostels, Guest Houses and from Residential Quarters are dumped in the Vermi Compost Unit to make some Organic fertilizer which are used for

Gardening.

HAZARDOUS CHEMICALS AND RADIOACTIVE WASTE MANAGEMENT

Campus is free from any kind of hazardous medical waste. Ideally, collection, transportation and proper handling of chemicals begin with understanding the potential hazards related to their use.