



Chhatrapati Shahu Ji Maharaj University Kanpur

(FORMERLY KANPUR UNIVERSITY, KANPUR)

Policy

for

Waste Management



Chhatrapati Shahu Ji Maharaj University
Kanpur
(A Uttar Pradesh State University)

Waste Management Policy



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UNIVERSITY
KANPUR
7/11/20

Waste Management Policy

1. Introduction

CSJM University, Kanpur is committed to the management of all types of wastes generated inside the university campus, in an environmentally friendly manner and in line with applicable waste management rules.

2. Purpose

Waste management and proper disposal are the prime responsibility of the university. CSJM University is intended for the management of all wastes, including hazardous, e-waste, bio-medical, and solid waste. The Policy covers wastes that are generated by various departments of the university campus.

The system adopted for waste management is based on Solid Waste Management rules 2016, Biomedical Waste Management Rules 2016, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, The Water (Prevention and Control of Pollution) Act, 1974 and E-Waste (Management) rules 2016 of govt. of India.

3. Philosophy

CSJMU shall follow 3R's (Reduce, Re-use & Recycle) principles for waste management by adopting responsible waste management practices.

Responsible Waste Management Hierarchy



4. Applicability

This Policy shall apply to all the establishments of CSJMU inside the campus.

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5. Objectives

The objectives of the Waste Management Policy are to -:

- i) Ensure that waste management is performed in accordance with all applicable waste management rules.
- ii) Minimize waste generation at source and follow the 3R's (Reduce, Reuse, and Recycle) principles.
- iii) Conduct training and awareness programs for the students, teachers, employees, contractors, and visitors on waste management guidelines and practices.
- iv) Promote environmental awareness to increase and encourage waste minimization, reuse, and recycling.
- v) Invest in the expansion of recycling opportunities on the university campus and transform waste into value-added products.
- vi) Promote a holistic approach to waste management on campus.

6. The Policy

The policy CSJMU shall achieve these objectives by -:

i) Stakeholder Management

Identify & engage internal & external stakeholders (such as students, teachers, employees, contractor workers, visitors etc.), district administration, and respective MOEF & CC, SPCB/CPCB for waste management in accordance with respective rules.

Take required technological support that promotes waste management by collaborating with:

- a- International, national & internal research institutes.
- b- Various government and non-governmental organizations.
- c- Suppliers of the technologies.
- d- Common storage treatment disposal facility, recyclers, waste-to-energy plants and coprocessors etc.

ii) Training & Awareness Programs

- a- Conduction of specialized training of stakeholders.
- b- Organization of training and awareness programs for sensitization of students, teachers, employees, and visitors.
- c- Encouragement of participation in the professional and quality circles focused on waste management.




7. Waste Management rules and disposal Methodology

(i) Waste type- Solid waste

Applicable Rules- Solid Waste Management Rules, 2016, and amendments thereof if any

Disposal Methodology

At different locations on campus, color-coded collection bins are available to manage solid waste. All waste collected from different areas of the university brought to a common pool, where it is collected regularly by the Nagar Nigam, Kanpur.



After segregation, the biodegradable waste is subject to degradation for academic, research and community development activities.

Horticultural waste of the campus is accumulated in a pit in the herbal garden, where it is eventually turned into manure as a result of the composting process.

As part of the university's sustainability efforts, an operational biogas plant (500 kg) is providing 100m³ biogas per day for the hostel mess.

Waste that can be converted into compost is encouraged to be placed in a biodegradable decomposing unit.

(ii) Waste Type- Liquid waste

Applicable Rules- The Water (Prevention and Control of Pollution) Act, 1974 and amendments thereof if any

Disposal Methodology

There is one Sewage Treatment Plant (STP) of capacity 0.6 MLD situated alongside the herbal garden on the campus for the treatment of gray and black water from the campus residential zone-2. In the same way, a second STP plant (0.5 MLD), located alongside the fine arts department, treats wastewater from hostels and departments. Primary, biological, and tertiary treatment units are used to treat wastewater.

Treated water from STP is being used to recharge a water body for educational and recreational purposes and to promote sustainable development.

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08. Waste Recycling System at the University

CSJMU recycles waste and produces miniatures and artifacts by making use of the waste material in the best possible way. In addition to this, waste is also recycled to produce energy, which is then used in a variety of ways.

09. Structure & Responsibilities

All heads shall be responsible for the implementation of all policy points considering the conditions.

In consultation with Vice-chancellor of the university, they will conduct training and awareness programs regarding the proper management of different type of wastes.

10. Commitment & Review

CSJM University Kanpur commits to support & implement this waste management policy. This policy shall be reviewed as per requirement, but not later than once in four years.

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