Manipal University Jaipur

Waste Disposal and Recycling Policy

1. Introduction

Manipal University Jaipur acknowledges the vital role of responsible waste disposal and recycling in minimizing environmental impact and supporting sustainable practices. This policy outlines our commitment to tracking and reducing landfill waste while enhancing recycling efforts across our university community.

2. Objectives

To reduce the environmental impact associated with waste disposal and promote sustainability through responsible waste management practices.

2.1. Measurement and Reporting:

To systematically measure and report the volume of waste directed to landfill as well as the quantity of materials recycled.

2.2. Education:

To raise awareness and actively involve the university community in waste reduction and recycling initiatives.

3. Definitions

3.1. Landfill Waste:

Waste materials are disposed of in landfills for final disposal.

3.2. Recycling:

The process of collecting, processing, and reusing materials to prevent waste and reduce the demand for raw materials.

4. Waste Management and Recycling Principles

4.1. Source Separation:

Manipal University Jaipur promotes source separation of waste, encouraging individuals to separate recyclables from non-recyclables at the point of disposal.

4.2. Recycling Infrastructure:

The university will provide recycling bins and infrastructure to facilitate proper recycling throughout campus.

4.3. Waste Audits:

Regular waste audits will be conducted to assess waste composition, identify opportunities for improvement, and measure progress toward waste reduction goals.

5. Measurement and Reporting

5.1. Waste Metrics:

Manipal University Jaipur will establish metrics to measure the volume of waste sent to landfill and the volume of waste recycled on a regular basis.

5.2. Annual Reporting:

The university will publish annual reports that detail waste disposal and recycling data, progress toward waste reduction goals, and areas needing improvement.

6. Education and Engagement

6.1. Education Programs:

Manipal University Jaipur will conduct educational programs, workshops, and campaigns to educate employees, students, and visitors about responsible waste disposal and recycling.

6.2. Community Engagement:

The university will engage the campus community in waste reduction initiatives, encouraging active participation and behavioral changes in support of sustainable practices.

7. Waste Reduction Initiatives

7.1. Waste Reduction Goals:

The university will establish waste reduction targets to reduce the volume of waste sent to landfill over time.

7.2. Recycling Programs:

Manipal University Jaipur will expand recycling programs to increase the volume of materials recycled.

8. Evaluation and Improvement

8.1. Regular Assessment:

a. This policy will be periodically reviewed to assess its effectiveness in measuring waste disposal and promoting recycling.
b. Feedback from the university community and regulatory agencies will be considered for policy enhancements.

9. Conclusion

Manipal University Jaipur is committed to responsible waste disposal and recycling, aiming to enhance sustainability and lessen environmental impact. This policy reflects our dedication to tracking and reducing landfill waste, as well as increasing recycling efforts throughout our academic community.

Version History

Number	Year	Major Revision
Version 4.0	2023	Focus on awareness
Version 3.0	2022	Establish waste reduction targets
Version 2.0	2021	Special Clauses due to COVID 19
Version 1.0	2018	Initial policy

Approval

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12 RESPONSIBLE CONSUMPTION AND PRODUCTION

Landfill evidence at the campus of Manipal University Jaipur

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स्वच्छ भारत
एक कदम स्वच्छता की ओर

Innovative Technology Used for Solid and Liquid Waste Disposal & Management

Food Waste

We are generating biogas by using Organic solid food waste and main part of a biogas system is a digester. Inside this tank, bacteria convert food waste into methane gas through the process of anaerobic digestion (35 kg of methane gas produced from 500 kg of food waste)

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12 RESPONSIBLE CONSUMPTION AND PRODUCTION

SOLID KITCHEN WASTE MANAGEMENT

Sr.No.	Department/ Area of source of waste (Every point of waste generation within the campus should be identified and listed - cross	Types of waste generated in each of the point source (for each type of waste, use separate row)						Dry (in kgs/ day
		Food wastage	Paper/Card board	Plastic	Wood	Glass	Metal	
	Mar-19 MU J Academic Blocks		6700	65	68		120	7035
	Mar-19 MU J HOSTEL Blocks	4279						
	Apr-19 MU J Academic Blocks		92	38	44	0	26	180
	Apr-19 MU J HOSTEL Blocks	3680					940	940
	May-19 MU J Academic Blocks		73	28	31	2	17	151
	May-19 MU J HOSTEL Blocks	2452		592			860	1451
	Jun-19 MU J Academic Blocks		68	25	31	1	17	142
	Jun-19 MU J HOSTEL Blocks	1160					700	700
	Jul-19 MU J Academic Blocks		85	30	45	0	28	192
	Jul-19 MU J HOSTEL Blocks	4638					240	240
	Aug-19 MU J Academic Blocks		101	40	47	0	29	217
	Aug-19 MU J HOSTEL Blocks	4596		260			380	640
	Sep-19 MU J Academic Blocks		97	30	62	1	37	227
	Sep-19 MU J HOSTEL Blocks	2830						
	Oct-19 MU J Academic Blocks		170	95	92	0	82	357
	Oct-19 MU J HOSTEL Blocks	4799						
	Nov-19 MU J Academic Blocks		66	55	71	0	75	192
	Nov-19 MU J HOSTEL Blocks	4155						
	Dec-19 MU J Academic Blocks		81	58	48	0	45	187
	Dec-19 MU J HOSTEL Blocks	2033						
	Jan-20 MU J Academic Blocks		112	62	51	0	76	225
	Jan-20 MU J HOSTEL Blocks	0105						
	Feb-20 MU J Academic Blocks		73	70	51	8	82	202
	Feb-20 MU J HOSTEL Blocks	6178						
	Mar-20 MU J Academic Blocks		55	50	46	8	49	159
	Mar-20 MU J HOSTEL Blocks	5159						
	Apr-20 MU J Academic Blocks		23	17	26	2	17	68
	Apr-20 MU J HOSTEL Blocks	NIL						
	May-20 MU J Academic Blocks		40	46	35	5	61	126
	Jun-20 MU J Academic Blocks		88	35	24	3	42	100
	Jul-20 MU J Academic Blocks		43	38	38	0	59	115
	Aug-20 MU J Academic Blocks		20	21	31	3	26	75
	Sep-20 MU J Academic Blocks		27	16	22	0	43	71

Collection frequency & clearance: Twice a day

Time: 9:00 AM & 4:00 PM

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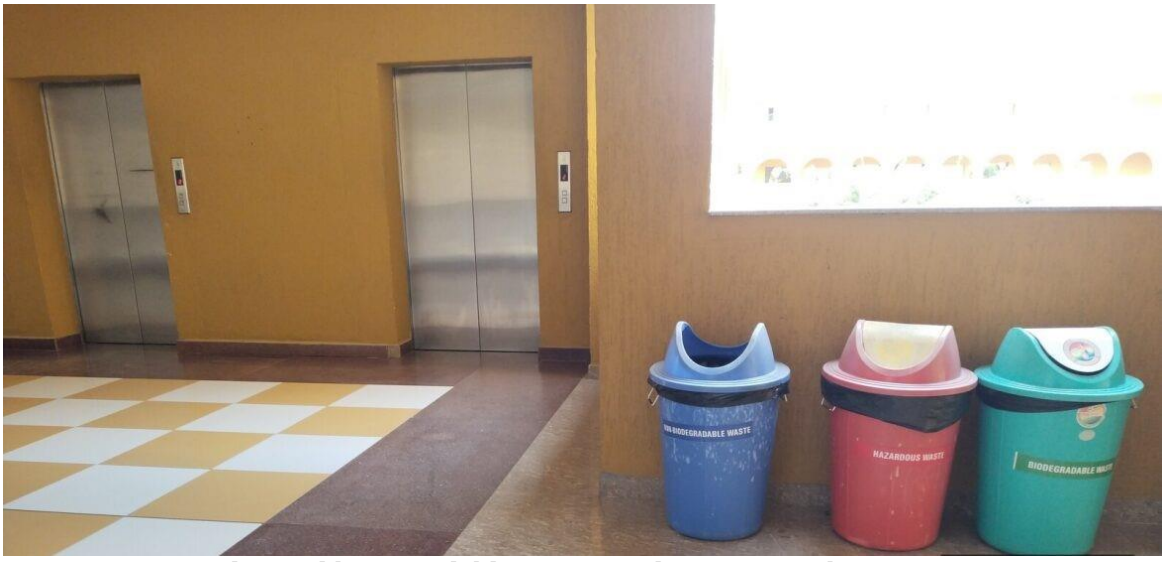
Picture 1: Student and staff segregating waste, Cleanliness drive.

Picture 2: Different bins to sort different kinds of waste.



Picture 3: Waste disposal bins available at various locations on the campus.

Picture 4: Waste into composing pit, a designated area, where organic waste materials are deposited and allowed to decompose naturally.

Solid waste landfill, a site designed to contain trash. It has specialized structures to reduce the contamination of the surrounding soil or water.

Landfill site at MUJ, behind Academic Block 2

Designating a specific location, Landfills are also currently the best option for how to handle any waste that cannot be recycled, composted, or otherwise given a new purpose.

Landfill site at MUJ, behind Academic Block1