



CHARUSAT[®]

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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Policy For Solid Waste Management 2026

**Charotar University of Science and Technology
CHARUSAT Campus, Off. Nadiad - Petlad Highway, Changa-388421**

1. Preamble

Charotar University of Science and Technology (CHARUSAT) is committed to environmental sustainability and responsible management of natural resources. As a comprehensive university with academic, residential, healthcare, and support facilities, CHARUSAT generates diverse types of solid waste that require systematic and scientific management.

Improper handling of solid waste can adversely affect public health, campus hygiene, and the environment. Recognizing this, the University has formulated this Solid Waste Management Policy to minimize waste generation, promote segregation and recycling, and ensure the safe collection, treatment, and disposal of solid waste generated on campus.

This policy is framed in accordance with the Solid Waste Management Rules, 2016 and other applicable statutory and regulatory requirements. It aligns with CHARUSAT's vision, mission, and strategic objectives, and supports the University's quality assurance framework by integrating sustainable practices into institutional operations.

Through this policy, CHARUSAT aims to foster environmental awareness, ensure regulatory compliance, and establish a clean, safe, and sustainable campus by encouraging responsible participation of students, faculty, staff, vendors, outsourced service providers and visitors.

2. Purpose and Objectives

- To minimize waste generation at source
 - To ensure systematic process of collecting, treating and disposing of solid wastes
 - To comply with extant environmental laws, statutory and regulatory provisions
- To create awareness and encourage adoption of responsible waste management practices across the university.

3. Scope and Applicability

All types of solid waste generated across activities in academic buildings, laboratories, hostels, residential quarters, administrative offices, canteens, food courts, workshops, gardens, open areas, event venues and other facilities within the University campus, including e-waste and waste generated by students, staff members, vendors, outsourced service providers and visitors.

4. Definitions

Solid waste is any material generated from human activities that is unwanted, discarded, and not reusable. The solid waste generated within the University campus shall be classified into the following categories:

Biodegradable	Non-Biodegradable /Recyclable	Domestic Hazardous	E-Waste	Inert Waste
<ul style="list-style-type: none">• Food kitchen canteen waste• Paper, cardboard• Garden and horticultural waste	<ul style="list-style-type: none">• Plastics, metals, glass, packaging materials, etc.	<ul style="list-style-type: none">• Sanitary waste, batteries, discarded medicines, cleaning chemicals etc.	Discarded electrical and electronic equipment (<i>such as computers, printers, cables, and accessories</i>)	Concrete, bricks, wood, metal scraps, debris (<i>generated during construction, demolition or renovation activities</i>)



5. Policy Statements / Provisions

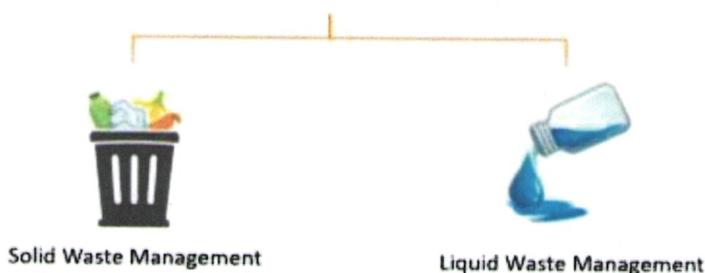
The University is committed to sustainable environmental practices and responsible resource management. This policy aims to facilitate the mentioned objectives within the university campus in alignment with national environmental regulations.

6. Working Committee

Waste Management Committee (*to be formed by the Registrar, CHARUSAT*) shall comprise of following members:

- i. Chairperson/Convener
- ii. Senior Faculty member (Environment / Sustainability aspects)
- iii. Senior Faculty member (Microbiology/Biodiversity conservation aspects)
- iv. Senior Faculty member (Structural Engineering aspect)
- v. Representative of Estate Department (Member Secretary)
- vi. Representative from CHARUSAT Hospital
- vii. Representative from IT cell
- viii. Sustainability Coordinator of each Institute
- ix. Two outside reputed experts (academicians / industry professionals / consultants / or domain specialists) (Environment Engineering / Sustainability / Microbiology / Biodiversity conservation/ Structural Engineering aspects)

Waste Management Committee is responsible to oversee and facilitate appropriate mechanisms for the systematic management of **solid and liquid wastes** on campus.



7. Roles and Responsibilities of the Waste Management Committee (*Specific to Solid Waste Management*)

- Overseeing the implementation of the solid waste management policy by all the staff members, students, visitors, contractors, vendors and outsourcing service providers.
- Initiating and guiding various programs for reduction in volume of solid waste.
- Enhancing recycling efforts and promoting recovery from wastes.
- Monitoring the waste disposal operations.
- Coordination and management related to bio-medical, sanitary, and hazardous waste.
- Coordination and management of disposal of e-waste.
- Representative of Estate Department (Member Secretary) shall facilitate/coordinate with
 - a. Housekeeping services – involved in the collection, segregation, handling, storage and disposal of solid waste across the campus.



- i. Housekeeping staff shall ensure that waste is segregated at source, collected in designated colour-coded bins and transferred only to authorized storage or disposal facilities.
 - ii. Housekeeping staff ensure safe handling of waste, use of appropriate Personal Protective Equipment (PPE), and adherence to prescribed standard operating procedures.
- b. Prepare and maintain all records, documents, and submissions as required by the appropriate authorities.
- Organizing training / awareness programmes for staff, students and all the related stakeholders on waste handling and management issues.
 - To benchmark the campus for using green norms.
 - Periodical review of solid waste management policies.
 - Celebrating National/Global environmental related relevant days.

8. Implementation Mechanism

The plan of implementation is as follows:

8.1. Waste Segregation

Solid waste shall be segregated at the point of generation and collected in clearly identified colour-coded bins as follows:

- **Biodegradable waste** – Green bins
- **Recyclable waste** – Blue bins
- **Disposable waste** – Black bins
- **Hazardous or Biomedical waste** – Red bins (selective locations)

To facilitate effective and correct segregation practices, clear signage, pictorial instructions, and standard operating instructions shall be prominently displayed near all waste collection points, bins, and common areas across the campus. These instructions shall indicate the type of waste to be disposed of in each coloured bin and shall be easily understandable to students, staff, vendors, outsourced service providers and visitors.

8.2. Collection and storage

- Waste shall be collected daily/ periodically from designated locations within the campus.
- Earmarked storage areas shall be maintained in a hygienic and environmentally safe manner.
- Separate mechanisms shall be used to collect e-waste and hazardous waste.
- No waste shall be openly dumped or burnt within the campus

8.3. Waste Processing and Disposal

- Recyclable waste shall be handed over to authorized recyclers.
- E-waste shall be disposed-off through certified e-waste recyclers.
- Hazardous waste shall be disposed as per applicable hazardous management rules through authorized dealers/agencies.
- Inert waste shall be disposed-off as per local civil administration guidelines.

9. Monitoring and Review Mechanism

The Waste Management Committee:

- Shall carry out inspections of the practices of segregation and collection of different types of wastes and their storage and disposal facilities at regular intervals.
- Shall review the maintained records and check for their accuracy of entries.



- Shall meet at least twice a year to review the implementation and direct updating of policy if necessary.

10. Compliance and Accountability

In case of non-compliance, the concerned individual, department, service provider, or unit shall be duly informed and required to undertake corrective measures within a stipulated timeframe, failing which appropriate institutional action such as issuance of warning, restriction or suspension of related services, imposition of penalties, or any other action as per University norms may be initiated.

11. Effective date and validity

This policy shall come in to effect from the date of circulation and shall be valid till further notice.

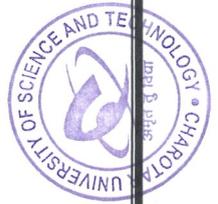


Toward a Greener Campus: CHARUSAT Solid Waste Management Policy 2026

A clear overview of the university's systematic waste management process and segregation standards.



Source: Infographic generated using NotebookLM based on the prepared policy document.



Approving Authority

Prepared By:



Head, M S Patel Department of Civil Engineering, CHARUSAT

Reviewed By:

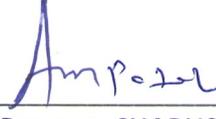


Coordinator IQAC, CHARUSAT

Approved By:



Registrar, CHARUSAT



Provost, CHARUSAT

