



# NAGPUR INSTITUTE OF TECHNOLOGY

(Affiliated to RTM Nagpur University & Approved by AICTE New Delhi)

CAMPUS: 13/2, Mahurzari, Near Fetri, Katol Road, Nagpur-441501, India

Email Id : registrar@nit.edu.in Web : www.nit.edu.in Contact No. 09764974144

RTMNU College Code: 315

DTE Code: 4144

AICTE ID : 1-4830701

## Solid Waste Management Policy

We are committed to responsible waste management practices that prioritize environmental sustainability and community well-being. Our waste management policy encompasses a comprehensive approach to minimize waste generation, maximize recycling and reuse, and ensure the safe disposal of residual waste. We recognize the importance of classifying waste into degradable and non-degradable categories, each requiring distinct management strategies. Our policy also emphasizes ongoing education and awareness initiatives to foster a culture of waste reduction and environmental stewardship among our faculty, staff, and students.

**Action Taken:** The solid waste in the campus generated from various potential sources, such as Academic Buildings, Hostels, Canteen, gardens, etc. is managed by cleaning staff assigned to different locations in the campus. There are 23 workers for waste management in the campus. Dustbins are placed at different locations in the campus. Some dustbins are placed in the class rooms and laboratories. Dustbins are also placed in front of cafeteria and in the corridors. The waste is collected in hand carts and transported to the disposal sites. Plant leaves and other garden waste are used for preparing compost. Newspapers are sold to local vendors. Plastic wastes are segregated and sent to Municipal Corporation.

Dr. A. Y. Deshmukh  
Principal, NIT

PRINCIPAL  
Nagpur Institute of Technology,  
Nagpur - 441501.



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## Standard Operating Procedure (SOP) for Waste Disposal

- **Segregation of Waste:** At the source, all waste generated within the college premises should be segregated into two categories: degradable and non-degradable.
- **Collection Bins:** Place separate bins for each category of waste at strategic locations across the campus. Label the bins clearly to indicate the type of waste they are meant for.
- **Collection Schedule:** Assign dedicated personnel or a team responsible for the regular Collection of waste from the bins. Ensure that collection schedules are followed diligently to maintain cleanliness and hygiene on the campus.
- **Degradable Waste Management:** Leaves: Collect leaves separately in designated bins or containers. Transfer collected leaves to the composting pit. Regularly turn and monitor the compost pile to facilitate decomposition. Use the compost generated as organic fertilizer for campus landscaping and gardening.
- **Non-Degradable Waste Management:** Collect non-degradable waste such as plastics, metals, and glass in designated bins. Tie-ups with authorized scrap purchasing agencies or firms for the collection of non-degradable waste. Educate students, faculty, and staff about the importance of proper disposal and recycling of non-degradable waste.

### Effective Measures Implemented:

- Conducting tree plantation drives.
- Implementing an Energy Conservation System.
- Use of LED lamps and lights.
- Ensuring optimal power utilization.
- Establishing an environmentally friendly campus.
- Implementing a rainwater harvesting system.
- Establishing a compost pit on campus.



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- Implementing proper E-waste management practices.
- Establishing Memorandums of Understanding (MoUs) for E-waste management.
- Installing exhaust fans in laboratories to expel hazardous gases.
- Providing borewell recharge in the college campus to harvest rainwater.
- Utilizing renewable energy sources such as solar energy effectively.
- Segregating waste into degradable and non-degradable categories.
- Watering plants efficiently to prevent wastage.

## Responsibilities:

- The administration is responsible for providing leadership, resources, and support for the Implementation of the Green Campus Policy.
- Faculty members are responsible for integrating sustainability concepts into curricula and promoting environmental education and research.
- Students are responsible for actively participating in campus sustainability initiatives, promoting eco-friendly behaviours, and holding themselves and others accountable for Environmental stewardship.
- Staff members are responsible for implementing sustainable practices in their respective areas of work and supporting campus-wide sustainability efforts

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