



Evidence(s)

THE-Impact Ranking



HEI: **TRIDENT ACADEMY OF TECHNOLOGY**

COUNTRY: INDIA

WEBSITE: <https://tat.ac.in/activities/>

12.3.1 WASTE TRACKING

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TRIDENT ACADEMY OF TECHNOLOGY			
Ref: TAT/12/2024			
Name of the policy	Food Waste Management Policy	Department responsible	AI
Department	AI	Prepared by	Dr. Ajay Kumar Sahoo
		Checked by	Dr.D.N.Pattanayak
Effective date	11-4-2018	Approved by	Principal
Review Date	11-3-2024		
No. of pages	3		

Introduction

Food waste encompasses any waste generated in food preparation or service units, including the preparation process, partially prepared ingredients, consumer leftovers, and excess cooked food. This waste has significant environmental impacts due to its moisture and nutrient content, which promotes microbial growth and foul odors, attracting insects. These factors can directly or indirectly compromise food safety in preparation and service establishments and broadly affect food security. In India, per capita food wastage is approximately 50 kg in recent years. Reducing food waste is crucial and can be achieved through awareness and stringent guidelines supported by modern technologies.

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Plate 1- Food Waste Management Policy

Plate 1- Trident Academy of Technology (TAT) has established a comprehensive Food Waste Management Policy, effective since April 11, 2018, aimed at significantly reducing food waste generated during preparation and service. Recognizing the substantial environmental impacts of food waste—such as attracting pests and posing risks to food safety—the policy emphasizes meticulous handling, storage, and recycling practices aligned with the Food Safety and Standards Authority of India guidelines. Core objectives include systematically measuring the volume of food waste produced, segregating it into biodegradable and non-biodegradable categories, and ensuring prompt and appropriate disposal. Moreover, the policy stresses the importance of educating all stakeholders on the environmental consequences of food waste, fostering awareness and responsible behaviors. It also promotes initiatives to redistribute surplus food to those in need, aligning with principles of social responsibility and sustainability.

<https://tat.ac.in/wp-content/uploads/2024/11/food-waste-Management-policy.pdf>

Description

Trident Academy of Technology operates an advanced waste tracking system designed to monitor and quantify waste generation and recycling throughout the campus. This system captures precise data across various waste streams—including general waste, recyclable materials, and compostable organic matter. Through detailed analysis of this information, the academy identifies emerging trends, evaluates the effectiveness of current waste reduction strategies, and highlights areas for further improvement. This data-driven approach enhances the institution's ability to implement targeted interventions, supporting its overarching goals of sustainability and environmental stewardship.