



Evidence(s)

THE-Impact Ranking



HEI: **TRIDENT ACADEMY OF TECHNOLOGY**

COUNTRY: INDIA

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

12.3.2 INDICATOR: PROPORTION OF WASTE RECYCLED

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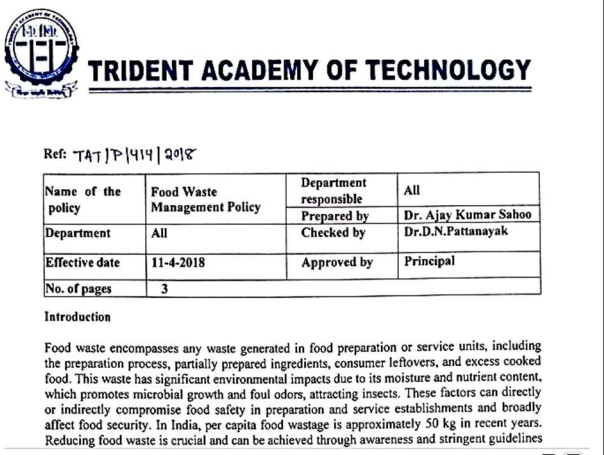

 TRIDENT ACADEMY OF TECHNOLOGY			
Ref: TAT/17/414/2018			
Name of the policy	Food Waste Management Policy	Department responsible	All
Department	All	Prepared by	Dr. Ajay Kumar Sahoo
Effective date	11-4-2018	Checked by	Dr.D.N.Pattanayak
No. of pages	3	Approved by	Principal
Introduction Food waste encompasses 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			
			
Plate 1- Food Waste Management Policy		Plate 2- Organic waste composting system	

Plate 1- Trident Academy of Technology (TAT) has established a comprehensive Food Waste Management Policy, effective since April 11, 2018, aimed at reducing the volume of food waste generated during preparation and service operations on campus. The policy underscores the considerable environmental impacts associated with food waste, such as attracting pests and compromising food safety standards. It mandates meticulous handling, adequate storage, and responsible recycling of food waste in strict adherence to the guidelines set forth by the Food Safety and Standards Authority of India. Central to the policy's objectives are the systematic measurement of food waste quantities, segregation into biodegradable and non-biodegradable categories, and ensuring prompt disposal of waste materials. The policy further promotes awareness and education among all stakeholders on the importance of minimizing food waste and the environmental consequences thereof. Additionally, the policy encourages initiatives to redistribute surplus food safely to those in need, thereby integrating social responsibility with sustainability efforts

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

Plate 2- Trident College has implemented an organic waste composting system designed to process approximately 300 kilograms of organic waste daily, primarily food scraps collected from hostels. This eco-friendly system converts organic waste into nutrient-rich compost used extensively for campus gardening and landscaping. This natural soil amendment enriches the campus grounds, reduces reliance on chemical fertilizers, and embodies the institution's commitment to sustainable waste management.

Description: Trident Academy of Technology employs a structured and systematic waste measurement and management framework that quantifies waste generation in metric tonnes and emphasizes sustainable handling practices. The academy promotes recycling as a core strategy, transforming waste materials such as paper, glass, organic matter, and electronics into reusable products. The Food Waste Management Policy, initiated in April 2018, focuses on proper handling, segregation, and redistribution of excess food, aligning with regulatory requirements and sustainability goals. The organic waste composting system further demonstrates TAT's dedication to eco-friendly campus management by converting significant quantities of organic waste into valuable compost, thereby reducing landfill use and fostering a greener campus environment.