



University : KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES  
Country : India  
Web Address : [www.karunya.edu](http://www.karunya.edu)

### [3] Waste (WS)

#### [3.7] Total volume organic waste treated this year

Karunya Institute of Technology and Sciences upholds its commitment to environmental sustainability through effective waste management and resource recovery practices. This document presents the total volume of organic waste treated within the campus, demonstrating the university's proactive efforts in converting biodegradable waste into useful by-products such as compost or bioenergy. Through these initiatives, Karunya aims to minimize landfill contribution, promote circular resource use, and advance towards a cleaner and greener campus ecosystem.

Type of waste	Amount (ton)					
	Produced		Reduced	Treated		
	Last year	This Year		Reused	down-cycled	up-cycled
Food waste, vegetable cuttings etc.	205	180	25	170		
Leafy biomass	595	597	0	257.18		
Night soil	300	300	0	300		
Sludge (STP)	--	22	0	22		
Organic	1100	1097	3	749.18		



Vermicompost Unit at North Farm, Karunya



Biogas plant in residential unit at KITS



STP in KITS campus



Food Waste Crusher