

Campus food waste tracking

Reducing food wastage is an important goal of ensuring food security. Food security cannot be achieved only through increasing agricultural productivity. Attention also needs to be given to measures to reduce wastage. Food wastage comprises both food loss and waste.

GMRIT Food and Beverage Department has the goal of reducing food waste and ensuring food security. Students are involved in the Food Committee and given opportunity to take part in the meetings for effective functioning of catering services on monthly basis. The food committee meets once in a month for which the notification is given at least 3 days before the actual date of meeting. The quality of food served, weekly menu, food wastage quantity on daily basis, feedback from the students are part of the agenda of Food Committee meetings. Based on the points discussed in the meeting, minutes will be prepared and shared to all the FC members. The action taken report for actionable points are reviewed based on students satisfaction survey.

The food waste is divided into categories and the same is precisely documented in real time. Waste is weighed, photographed and recorded. The daily wastage quantity is clearly displayed in the mess display board to create awareness among the students on food wastages and need for reducing the wastage of food. Students are alerted when too much of an item is being wasted, which in turn helps the college figure out what students eat and how much of which item to buy. It helps create a sense of community between campus dining services and students, showing that the true heart of sustainability is collaboration. The food waste is used as an animal feed. The following table shows the food waste from messes for the year 2021.

WET & DRY GARBAGE REPORT FROM JANUARY - 2021 TO DECEMBER -2021								
WET GARBAGE WASTAGE - LTRS					DRY WASTAGE - KGS			
Month	Boys Hostel	Girls Hostel	Day Canteen	Total Kgs	Boys Hostel	Girls Hostel	Day canteen	Total
Jan-21	960	0	0	960	0	0	0	0
Feb-21	1250	680	220	2150	120	80	20	220
Mar-21	30	0	0	30	0	0	0	0
Apr-21	220	0	0	220	30	0	0	30
May-21	260	0	0	260	0	0	0	0
Jun-21	230	0	0	230	0	0	0	0
Jul-21	180	0	0	180	0	0	0	0
Aug-21	420	0	0	420	0	0	0	0
Sep-21	960	0	0	960	0	0	0	0
Oct-21	1250	680	220	2150	120	80	20	220
Nov-21	1050	786	142	1978	123	92	23	238
Dec-21	1150	850	162	2162	132	96	32	260
TOTAL	7960	2996	744	11700	525	348	95	968
AVG.PER MONTH	663.33	249.67	62	975	43.75	29	7.92	80.67
AVG PER DAY	22	8	2	32	1	1	0.5	2.6

Data Collected	Quantity
Total food waste	12668 Kg per year (34 Kg per day)
Number of campus population	2500
Food waste per person	0.0136 Kg per person per day



Food Committee Meeting for Girls Hostel



Food Committee Meeting for Boys Hostel

A-DIET EXPRESS

**TAKE ALL YOU CAN EAT,
BUT EAT ALL YOU TAKE**

YESTERDAY'S 07-11-2022

WASTAGE WAS 24 **KGS**

WHICH COULD'VE

FED 48 **PEOPLE**

GPS Map Camera



Razam, Andhra Pradesh, India

FM97+2C, Razam, Andhra Pradesh 532127,

India

Lat 18.46745°

Long 83.663544°

08/11/22 02:36 PM GMT +05:30

Daily food waste data



What we love...

Currently we waste around 80 Kgs
of Food on an average on a daily
basis in our Mess.

Wasting food means wasting the
resources used to produce it.....

Today we will take one step ahead
and not waste any food.
we take what we can eat.....

No To Wastage...
Pleeease...

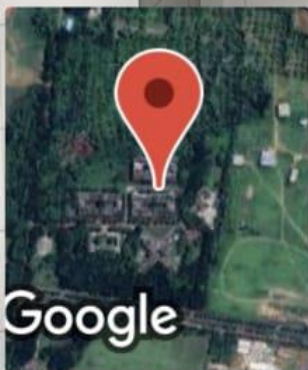


@ BOYS Dining Hall
on Lunch/Dinner

Why to waste,



GPS Map Camera



Google

Razam, Andhra Pradesh, India

FM97+2C, Razam, Andhra Pradesh 532127,

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Lat 18.46748°

Long 83.663733°

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Awareness posters on food wastage displayed in the dining hall