



**R.V. Institute of Management**  
CA-17, 26<sup>th</sup> Main, 36<sup>th</sup> Cross, 4<sup>th</sup> "T" Block, Jayanagar, Bangalore-560041

**CENTRE FOR SOCIAL RESPONSIBILITY  
ORGANIZED**

**SOILD WASTE AUDIT REPORT and ACTION –TAKEN MEETING  
12<sup>TH</sup> AND 21<sup>ST</sup> September'22**

<b>Date: 12<sup>th</sup> and 23<sup>rd</sup> Septmber'22</b>	<b>Venue: RVIM Campus</b>
<b>No. of Participants: 35 Staff : 13</b>	<b>Solid Waste Audit Report and Action Taken Meeting</b>
	<b>To: --Second Sem . MBA students, Batch 2021-23</b>
	<b>Event Coordinator: Prof. Uma Sharma Prof. Sowmya D.S. Student Coordinator: Chaitanya, Srinidhi Kommula. Ramanjuam</b>
<b><u>Objectives:</u></b> <ul style="list-style-type: none"><li>▪ To conduct green campus drives to audit the solid waste generated in the campus</li><li>▪ Inform students on the need for disposing waste in designated bins, informing on the need to segregate at source.</li><li>▪ Inform students and group D staff on the various means of reducing waste</li></ul>	
<b><u>Agenda/Flow of the Event:</u></b> <p>On the 12<sup>th</sup> and 21<sup>st</sup> of September'23 the green campus drive was conducted and a solid waste audit report was made in association with ITC WoW This association between RVIM and ITC WoW is part of the MOU signed in the month of May'23.The audit report was analyzed and the results of the report was shared to students ,staff and Group D staff to ensure that every individual using the campus premises has the information on the extent of littering that is seen in the campus, the type of waste that is generated in the campus. As per the type of waste generated the next action to be taken was suggested to all of us in campus by the ITC WoW team. (The details of the suggestion are in the attached detailed report.).</p> <p>This results and the action to be taken was shared with the students and staff and a special session to group D staff of our campus was help by the green warriors of our campus. In these sessions all were informed that the following</p> <ul style="list-style-type: none"><li>• In class rooms solid waste is generated such a plastic, paper, tetra pack and left over food.</li></ul>	

Students were asked to reduce these wastes by using substitute bags and boxes that can be reused and reduce plastic and paper bags use.

- Group D staff were addressed in a meeting and they were informed on the importance of ensuring segregation and disposing waste at the right collection dumping points on the campus

**Students and Staff List who participated in the audit and action -taken meeting:**

SI No	Name of the Group D Staff
1	PuttRaju
2	Borashetti
3	Ravi
4	Shankar
5	Rajamma
6	Suvarnamma
7	Geeta
8	Mamtha
9	Devi

SI No	Name of Student
1	Srinidhi
2	Nuthana
3	Sreenithya
4	Sravani
5	Pooja Vallur
6	Sameeksha
7	Vinit
8	Likitha
9	Praneeth
10	Pramod
11	Srinidhi
12	Nuthana
13	Sreenithya
14	Sravani
15	Pooja Vallur
16	Sameeksha
17	Vinit
18	Sameeksha
19	Gagan
20	Poojarani Talwar
21	Ashotosh Singh
22	Syed Mussavarulla
24	Balaji
25	Dhanush
26	Mehul V Bhaskar
27	Neha
28	Anjanakshirasagar
29	Pramod K Laxman
30	Namratha Gowda
31	Syed Sameer
32	Vaishnavi
33	Pranithi Kumar
34	Preetham
35	Sukrut
<b>Faculty Participants</b>	
1	Uma Sharma
2	Sowmya DS
3	Dr. Anupama Mallgi
4	Dr. Purushottam Bung

The photo of the audit and action taken meeting



Faculty Coordinator

Sowmya DS

Uma Sharma

Handwritten signatures of Sowmya DS and Uma Sharma in blue ink.

Dr.Purushottam Bung

Director-RVIM





# WOW (WELLBEING OUT OF WASTE)

## Transforming Educational Institutions into "Green Campuses"



You are entering

### A GREEN CAMPUS

In collaboration with

**ITC WOW**  
(Wellbeing out of Waste)

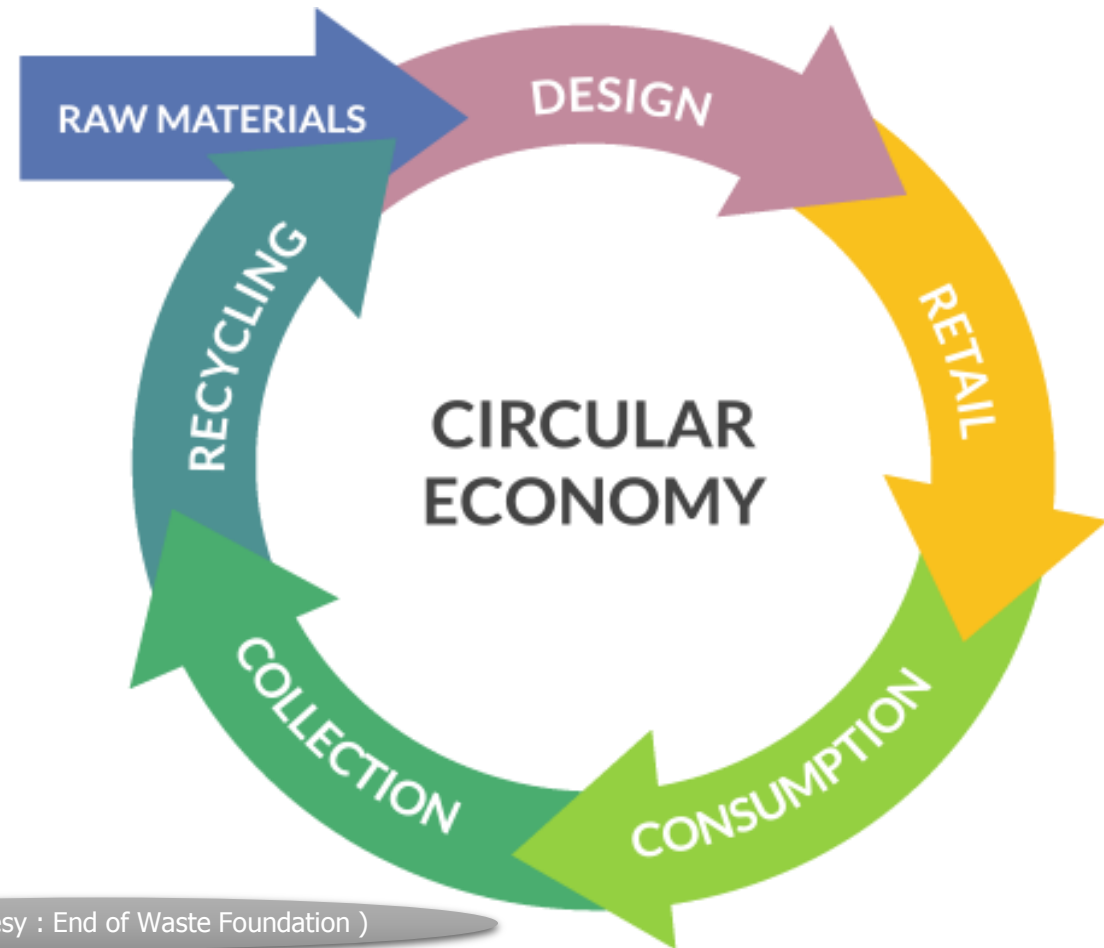
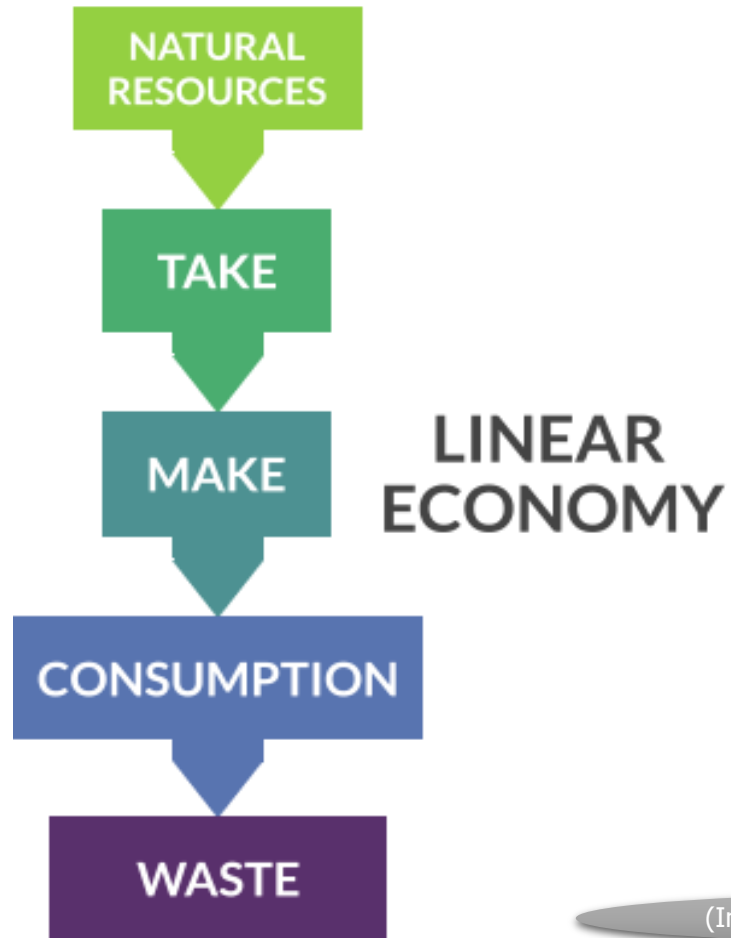


**TOGETHER WE HAVE:**

- Recycled \_\_\_\_\_ Kgs of dry waste since \_\_/\_\_/\_\_\_\_
- Been segregating waste at source since \_\_/\_\_/\_\_\_\_



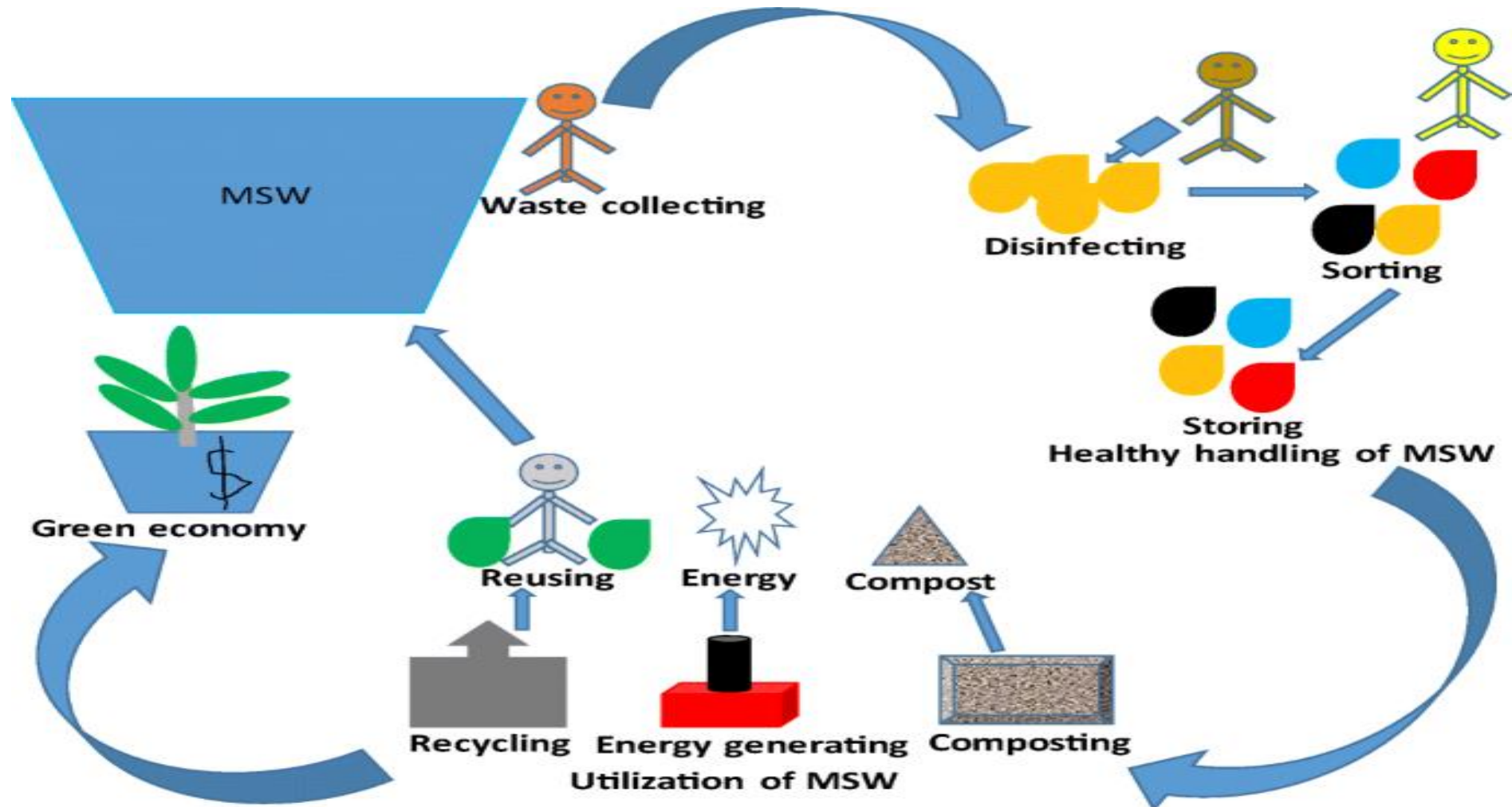
# Context Setting .....Where do we stand



(Image courtesy : End of Waste Foundation )

# What is Solid Waste Management ...

the complete process of collecting, treating and disposing of solid wastes. In the waste management process, the wastes are collected from different sources and are disposed of. This process includes collection, transportation, treatment, analysis and disposal of waste.



# What are types of waste we generate ?

## Types of waste

**Dry Waste**



**Wet Waste**



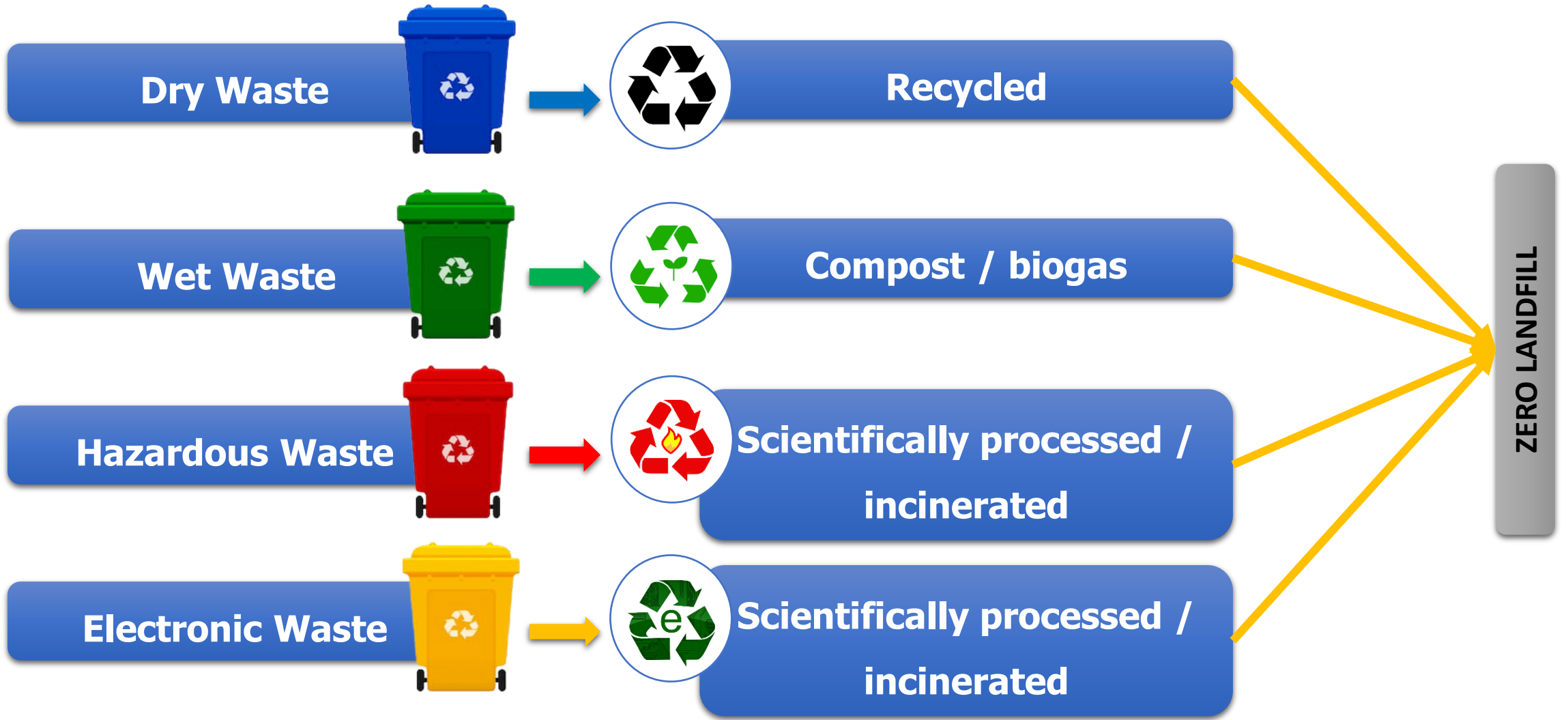
**Hazardous Waste**



**Electronic Waste**



# WHERE DOES THIS END UP





# RV COLLEGE OF MANAGEMENT STUDIES

# Step 1 – MOU was signed by both parties on 8<sup>th</sup> May



## Step 2 -Inform – Housekeeping staff workshop

- **Date – 28<sup>th</sup> May 2022**
- **No of Participants – 25**
- **Findings**
- **Housekeeping staff members need more clarity on understanding the categories of waste**
- **Housekeeping staff members struggle to work with sanitary waste.**
- **Disposal of hazardous waste rules are not followed by students**



# Inform – Felicitation ceremony for housekeeping staff



R.V. Educational Institutions  
**Sivananda Sarma Memorial R.V. College**  
 UG & PG Programmes  
 Affiliated to Bengaluru City University  
 Accredited by NAAC with 'A' Grade  
 Ranked among top 5 Colleges in India  
 (India Today - MDRA Survey 2018, 2019, 2020 & 2021)

'prakurthi' the eco club organizes  
**'CORPORATE CONNECT FOR A CAUSE'**

In association with  
 ITC - WOW, Bengaluru

**13th June 2022** | **12:00 pm**  
 Seminar hall

**Guests:**  
**Shri. Sibsankar Bandyopadhyay**  
 Executive Vice President  
 HR & CSR, PSPD Division  
 ITC Limited  
**Shri. Sanjeev Goel**  
 General Manager, ITC WOW  
**Shri. Narasinga Rao,**  
 Regional Manager, ITC

**Dr. S Anil kumar**  
 Principal, SSMRV COLLEGE  
**Manasi Mishra**  
 Event moderator, ITC  
**Dr Usha V**  
 Event manager  
 Club convener  
**Smitha gowda**  
 Co - convener

Inviting all the House keeping staff, Teaching staff and all the Eco - club students

*Go. change the world™*

## Gift hamper to House keeping staff:

- Recognized best housing keeping and appreciated their good works.
- Presented gift hampers to 11 housekeeping staff members with WOW bag and ITC Food items.



*Mr. Sib Sankar Bandyopadhyay addressing the students – he impressed upon the need to embrace sustainability as a life goal*

# Process Waste Mapping Study

- Study was conducted by ITC WOW in February 2022
- Study Design - Quantitative
- Data collection Methodology – Survey
- Primary and Secondary Data sets analysed

## ❖ Parameters for study

- Availability of Bins as per SWM Rules
- Quality of Waste Disposal practiced in the Organization
- Practice and Quality of dry waste processing
- Practice and Quality of wet waste processing

# Key Findings

- The institution generates **roughly 500 kgs** of waste **DAILY**
- **60%** of the waste generated is wet waste.
- The waste generated is in a mixed form.
- **Daily Dry waste generated is not recycled.**
- **Approximately 150 tonnes** of waste goes to the landfill every **YEAR**
- **Only 10 %** of the waste is segregated at source
- **Student body is the primary waste generator.**
- **More than 50%** of the students lack clarity on dry and wet waste
- **Canteen poses the biggest challenge wrt Segregation at source.**

## Key Findings

- **Of the total paper waste generated in the premises – 35 % are in the form of paper cups**
  - **Only management waste is recycled.**
  - **There are very few projects/activities that encourage reuse and recycling behaviour among students.**
  - **No waste audits conducted.**
- 
- ✓ **Only 7 of the 30 dustbins on campus is labelled**
  - ✓ **None of the dustbins are colour coded**
  - ✓ **There are no signages on campus that encourage source segregation.**

# TASK AT HAND

## STUDENT LED WASTE AUDIT





# WHAT IS A WASTE AUDITING

- A waste audit is a method for analyzing an organization's waste stream.
- To discover what types and quantities of waste (paper, plastic, food etc.) you produce within a given timeframe.
- Opportunity to investigate the types and amount of materials that get thrown away on campus each day.
- Determining what a culture deems disposable.
- Provides specific measurements of classroom waste and cafeteria waste for an entire day's worth of garbage generated on campus.



# WHY SHOULD YOU DO A WASTE AUDIT ?

- ❖ Studies shows that 77% of what is thrown out is actually not trash at all.
- ❖ Institutions are probably paying too much for trash removal
- ❖ Institutions lose a lot of valuable recyclables every day. But they do not realize it because they have not had a proper waste audit to “analyze their waste streams.”
- ❖ Auditing also measures how much waste is recycled vs. thrown out.
- ❖ It helps you set recycling, reduction and diversion goals as they prepare to go green



# HOW TO CONDUCT A WASTE AUDIT

- 1. Assemble a Team & Set a Date - Green Warrior Group**
- 2. Determine Your Waste Categories**
- 3. Gather Your Tools**
- 4. Sort Your Trash - Today**
- 5. Recording the data – digital and non digital - Today**
- 6. Analyse and share the data**
- 7. Next Steps After Waste Auditing**

# Waste Categories

Municipal Solid Waste needs to be sorted into **5** categories

- 1. Mixed Paper & Cardboard**
- 2. Plastics**
- 3. Metals**
- 4. Glass**
- 5. Food Scraps & Food-Soiled Paper**



# RECORDING THE DATA - TEMPLATE

MSW Category	Total Weight	MSW category details	End Destination

# TEAM DIVISIONS

## I. TEAM 1 - Sorting Team

- sort all trash into the proscribed MSW categories
- Emphasize that accuracy – not speed – or quality versus quantity
- students will make up the majority of the class

## II. TEAM 2 - Weighing and Recording Team

- Weigh the bins, once full, and transfer the sorted MSW materials from the bins
- Record all data into the worksheets.

## III. TEAM 3 - Photographers and Journalists

- Capture on film and paper the reactions of their fellow waste auditors
- overall experience and feel of the audit (the qualitative data).
- These notes and photographs can later be used as part of the students' campaign, and possibly uploaded to the school's website to raise awareness as well.
- Assign 2-4 students for these roles; they will be "roamers" during the audit.
- Overview what can and cannot be recycled. It helps to assemble a small sample of items found in the trash in advance to show students different examples of what is commonly found / consumed on campus.

# WASTE AUDIT – IN A NUTSHELL

## HOW TO CONDUCT A WASTE AUDIT

1

Choose audit dates and keep them a secret. (Alert cleaning staff so they don't toss the trash). This way employees won't anticipate the audit and skew the results.



2

Gather a tarp, rubber gloves, a scale, trash bags, a pen and tracking sheet.



3

Collect all trash. For larger offices, choose a sample size that can be scaled.

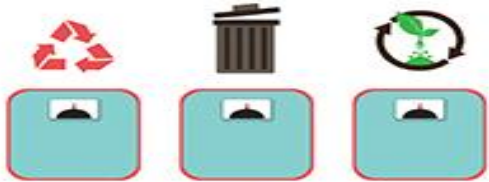


4

Dump the trash on the tarp and begin sorting it, separating any recyclables and compostables.



SERA



5

Weigh final bags of trash, recyclable and compostable materials.

6

Make notes about commonly trashed items, and look for areas of improvement.



7

Repeat the audits twice more (three times altogether) and average your totals. This provides a clearer picture of how your office is doing.



8

Finally, present the data to your office!

