



## **VSB College of Engineering Technical Campus**

Approved by AICTE, New Delhi & Affiliated to Anna University  
Coimbatore to pollachi Road NH - 209, Ealur Privu, Kinathukadavu Taluk,  
Coimbatore - 642109, Tamilnadu, India. Email: office@vsbcetc.com Website : www.vsbcetc.com

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### **7.1.3 Facilities in the Institution for the management of degradable and non-degradable waste**

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### Soild Waste Management

#### Food Waste Disposal



- The food waste from the hostel and canteen are being supplied to out side vendors fo feed animals absolutely free of charges.
- The wastes are being cleaned periodically so as to avoid pollution and bad odour.
- These wastes are cleared by the outside vendor and all the food waste are cleared.



*Thirugan*

PRINCIPAL

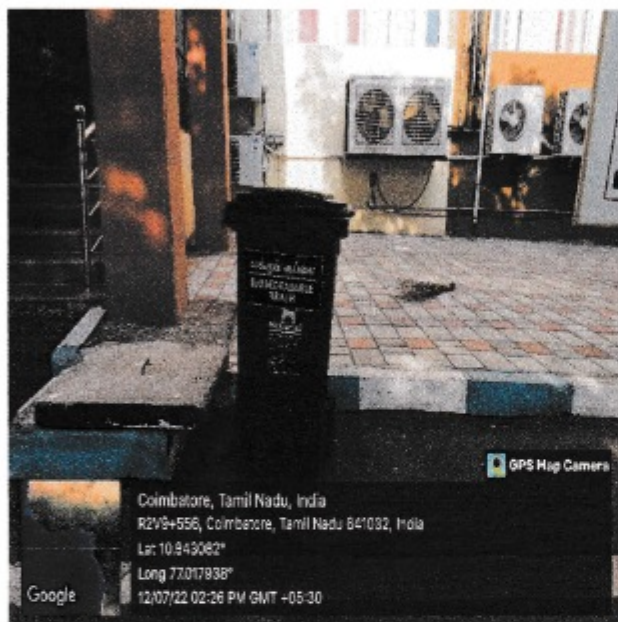
V.S.B. COLLEGE OF ENGINEERING TECHNICAL CAMPUS  
KINATHUKADAVU, COIMBATORE - 642 109.



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### Degradable and Non Degradable Dust bins



- Dustbins are provided in each floor separately for use of students.
- All the degradable things include papers, food waste and canteen waste.
- Non –degradable waste include plastics, tins, bottles etc.
- The dustbins are cleared at regular intervals to avoid stinking in foodwaste.



*Thiruvengadam*

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### Agricultural waste



- Leaves and flower waste around the campus are being swept and collected periodically.
- The wastes are collected manually and disposed into composting pit.
- All the wastes are cleared and monitored through maintenance manager and facility manager
- Separate staff maintaining the neatness of the campus is allocate.
- These wastes are dumped in a separate pit for composting.
- This process is carried on so that it helps to dispose the wastes as well to produce manure that does not contain any chemicals in it.



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### Display Regarding Food Waste

#### Cafeteria



- Preventing food from going to waste bins is one of the easiest and most powerful actions we can take to lower climate change and conserving natural resources.
- Awareness statement boards are displayed at various places to reduce food waste and to save energy.



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### Liquid Waste Disposal

### Sewage Disposal Plant



- Our college has a sewage disposal plant to treat the liquid waste.
- The liquid wastes from academic block, girl's hostel, boy's hostel and staff quarters are being collected in particular area.
- Primary treatment is being done through sewage disposal plant.
- The treated water is the distributed to all plants and lawns through drip irrigation.



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*Thiruvengadam*  
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### RO PLANT



- To avoid waste water being disposed unsafely, our college maintains a proper system to treat the waste water and distribute it.
- The water is treated through sewage disposal plant.
- The treated water is distributed to the trees through basin irrigation and to the lawn through other irrigation methods.
- This helps to keep the campus green and clean and aim to reduce water wastage.



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*Shravan*  
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## Water Recycling System

### Basin Irrigation



*Thirup*  
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- To avoid waste water being disposed unsafely, our college maintains a proper system to treat the waste water and distribute it.
- The waste water is treated using sewage disposal plant.
- The treated water is distributed to the trees through basin irrigation and to the lawn by sprinkler irrigation.
- This helps to keep the campus green and clean and also helps to reduce water wastage.



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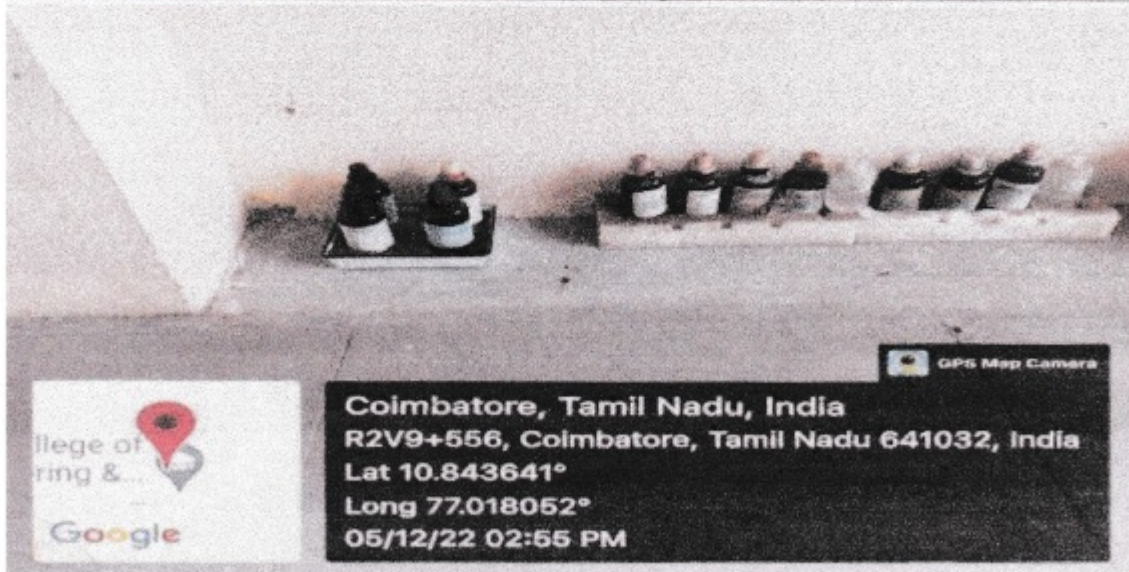
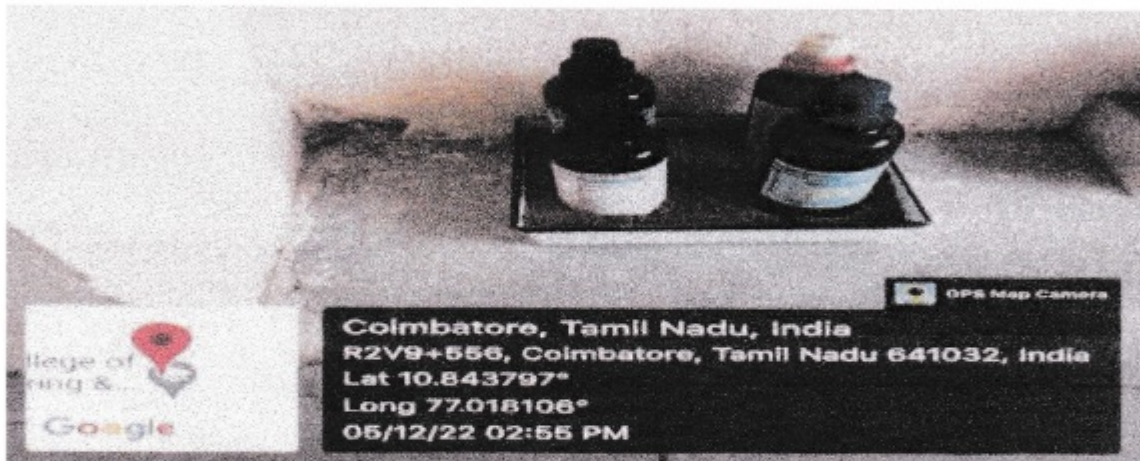


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### HAZARDOUS WASTE MANAGEMENT

- The only toxic chemical used is concentrated sulphuric acid used in Chemistry lab for conducting the practical
- The usage of chemicals is done under supervision and without faculties and lab Technicians guidelines students are not allowed to use it
- Storage of the chemicals are done properly to avoid unnecessary accidents of spillage.



*Thirupur*

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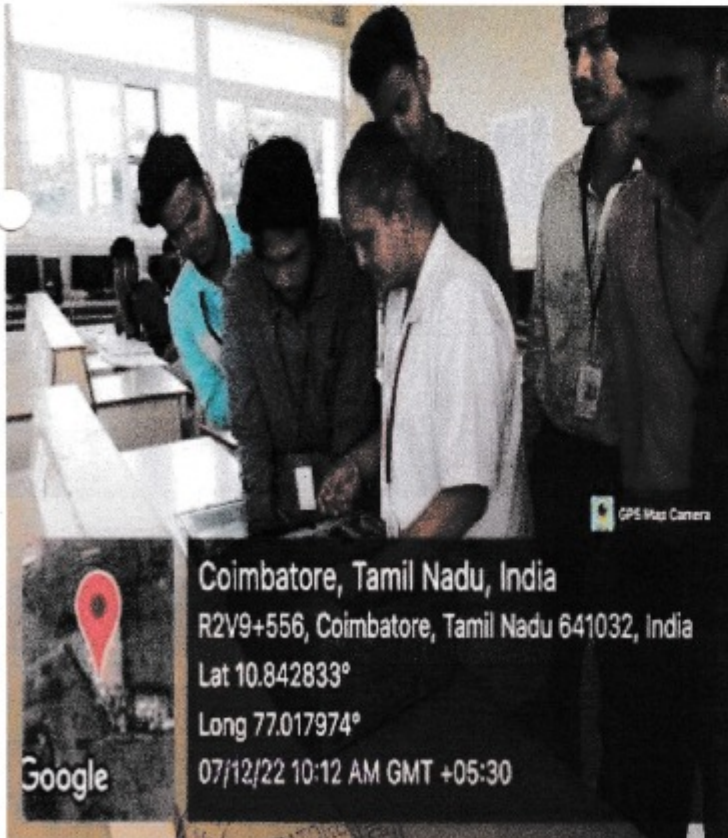
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## E-Waste management

- E waste scrap has been used as model for explaining in practical session for students and some items are disposed as scrap to proper vendors.
- Old unused electronic waste items are used as a live example and it is displayed for students
- Under the supervision of staffs it will be used by the students
- Unwanted e- waste scrap materials are periodically removed with the help of vendors and MOU has been signed with them for that purpose.

## Staffs Explaining the Model with the help of E-Waste Scrap



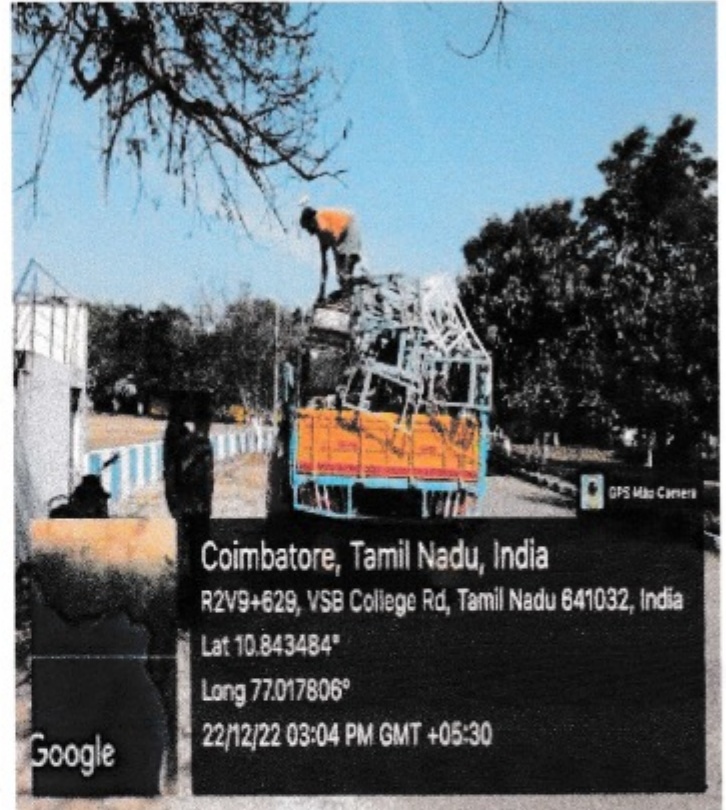
*Principal*  
Principal  
V.S.B. College of Engineering Technical Campus  
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## SCRAP COLLECTION FROM CAMPUS BY VENDORS



## E-WASTE COLLECTION MENTIONED IN MATERIAL GATE PASS

**V.S.B. COLLEGE OF ENGINEERING  
 TECHNICAL CAMPUS  
 COIMBATORE - 642 109.  
 MATERIAL GATE PASS**

SI No. 1867 Date 17/05/22  
 To Whom Mr. Rajalingam, Surya metal (KAD)

Sl. No.	Details of articles	Sl No. of article if any	Nature of Fault	Qty.
1)	Pvc	74 kg	Scrap Hand At par with character minimum 100 kg	
2)	Plastic	21.500 kg		
3)	Chair	7 kg		
4)	Tin waste	140.500		
5)	Iron	165.500		
6)	Scrap	27 nos		
7)	Bridge (old)	1		
8)	Boots	58 kg		
9)	Computer	7.500		
10)	e waste	2 kg		

Type of Transfer: Permanent / Temporary  
 Actual date of return: non returnable (Scrap)  
 Name of person carrying: Mr. G. S. S. S. S.  
 Name of Department from which item is transferred: Purchasing/Stores  
 Authorized Signatory: \_\_\_\_\_

**V.S.B. COLLEGE OF ENGINEERING  
 TECHNICAL CAMPUS  
 COIMBATORE - 642 109.  
 MATERIAL GATE PASS**

SI No. 2111 Date 21/12/2022  
 To Whom Surya metal, Kinathukadavu

Sl. No.	Details of article	Sl No. of article if any	Nature of Fault	Qty.
	MS	1337 kg		
	Tin waste	116 kg		
	Commerce waste	101 kg		
	Plastic	14 kg		
	Copper	7 kg		
	Aluminium	6 kg		
	Atani waste	39 kg		
	alaya waste	83 kg		
	e waste			

Type of Transfer: Permanent / Temporary  
 Actual date of return: \_\_\_\_\_  
 Name of person carrying: Mr. S. S. S. S. S.  
 Name of Department from which item is transferred: Atani waste  
 Authorized Signatory: \_\_\_\_\_  
 V.S.B. College of Engineering Technical Campus  
 Coimbatore - 642 109.

भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY  
RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமி்லநாடு TAMIL NADU

01AC 801544

*D. Dhandapani*

D. DHANDAPANI

"STAMP VENDOR"

L.No: 928/B1/2021-75/CBE

Premier Nagar, Othakkalmandapam

Kinathukadavu, Tamilnadu

VSB College of Engineering  
Technical Campus  
Coimbatore



Dt. 25-3-2022

**MEMORANDUM OF UNDERSTANDING**

**(E-Waste Management Services Agreement)**

This agreement is made between VSB College of Engineering Technical Campus and Rocky Enterprises, Kinathukadavu for the management and dismantling /disposal of all our e-waste in order to protect the VSBCETC campus and conserve our natural and human resource.

As per the agreement and Rocky Enterprises, Kinathukadavu will collect all our E-waste generated from the VSBCETC campus and dispose the same at their plant.

This agreement is for a period of 2 years after the expiry of two years the agreement shall either be renewed or enter into a new agreement with company or any other third party service provider.

*Dhandapani*  
PRINCIPAL

V.S.B. COLLEGE OF ENGINEERING TECHNICAL CAMPUS  
KINATHUKADAVU, COIMBATORE - 642 109.

For ROCKY ENTERPRISES

*Prasanna Rajalingam*  
Principal  
Proprietor

V.S.B. College of Engineering Technical Campus  
Coimbatore - 642 109.

(3)

### Defined Terms in Agreement

In this contract the e waste is defined as 'Electrical and Electronic Equipment', whole or in part discarded as waste that have become unwanted ,non-working or obsolete and have essentially reached the end of their useful life.

E-waste also contains toxic and hazardous materials in our labs which includes chemicals like acids, chemical flame retardants and other lab related items which have the potential to leach into our soil and water.

For this purpose of this agreement, the term "Waste Material" shall mean any and all electrical, electronics and hazardous waste material.

For this purpose of this agreement, the term "Hazardous Material" shall mean any and all hazardous material(storage devices, acids and chemicals) used in our laboratories for students practical purpose.

For this purpose of this agreement, the term "Waste Management Services" is the service that are provided by the contractor as directed by VSBCETC and including the handling. The rates are agreed between both the parties will be applicable.

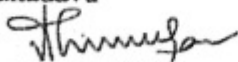
The compensation for breach of this agreement will be as per the provision of the Indian Contract Act, 1872 and any dispute between the parties will be settled through an arbitrator appointed by VSB college of Engineering Technical Campus as per the provisions of the Arbitration and conciliation Act,1996.

Mutually agreed between VSB College of Technical Campus, Kinathukadavu and Rocky Enterprises, Kinathukadavu on this

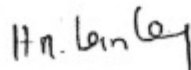
On Behalf of

VSB College of Engineering Technical Campus,

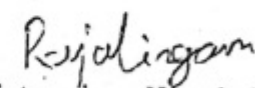
Kinathukadavu

  
PRINCIPAL


V.S.B. COLLEGE OF ENGINEERING TECHNICAL CAMPUS  
KINATHUKADAVU, COIMBATORE - 642 109.

Witness 1. 

Witness 2. 

  
Rocky Enterprises, Kinathukadavu  
For ROCKY ENTERPRISES

Proprietor,

  
Principal  
V.S.B. College of Engineering Technical Campus,  
Coimbatore - 642 109.

# ROCKY ENTERPRISES

220/1, Singarampalayam Road, Near Saranalayam, Kinathukadavu - 642 109.

To,  
The Principal,  
VSB College of Engineering Technical Campus,  
Kinathukadavu,  
Coimbatore.

Subject: Collection of Scrap Materials

Rocky Enterprises, Kinathukadavu is a vendor appointed by VSB college of Engineering Technical Campus for the collection of scrap materials which includes used papers, desk benches, and e-waste etc.

The waste which includes scraps are collected from the college periodically and shall be re used or disposed properly



A handwritten signature in green ink, appearing to read "Anurag".

Principal  
V.S.B. College of Engineering Technical Campus,  
Coimbatore - 642 109.