

MOHAMED SATHAK A J COLLEGE OF ENGINEERING

34, Rajiv Gandhi Salai (OMR), Siruseri IT Park, Chennai - 603103



CRITERION: 7.1.3

Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste

S.No	Department
1	Solid waste management
2	Liquid waste management
3	Biomedical waste management
4	E-waste management
5	Waste recycling system

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

7.1.3: Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

1) Solid waste management

The total solid waste collected in the campus is 20 kg/day on an average, from tree droppings, cups, papers etc. The waste is segregated at source by providing separate dustbins for Bio-degradable and Plastic waste. Single sided used papers are reused for writing and printing in all departments. Less amount of plastic waste generated from various departments are collected and given to the vendor on a regular basis. Metal and wooden waste is stored and given to authorized scrap agents for further processing. Glass bottles are reused in the laboratories. The food waste is converted into biogas and is again used for the kitchen. Sanitary napkins are disposed of using incineration process.

Solid Waste Segregation inside the campus

Our Institute is partnering with WOW- Wellbeing out of Waste, a Nationwide Recycling Initiative of ITC for the removal of recyclable paper waste from the campus for recycling. All other solid waste is removed by the contracted scrap dealer.


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Biodegradable and Non-Biodegradable Dustbin



Segregation of Paper Waste inside Campus

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 Chennai-603103.



An ITC Initiative

Certificate of Appreciation

ITC Limited - Paperboards & Specialty Papers Division

Sincerely Thank

Mohamed Sathak A.J College of Engineering - Siruseri

For partnering with WOW-Wellbeing Out of Waste, a Nationwide Recycling Initiative of ITC and Contributing 1399 Kgs of dry recyclable waste for recycling during FY 2020 - 2021

We look forward to your continued support in making India

SWACHH & GREEN

RECYCLE MORE & PROTECT ENVIRONMENT

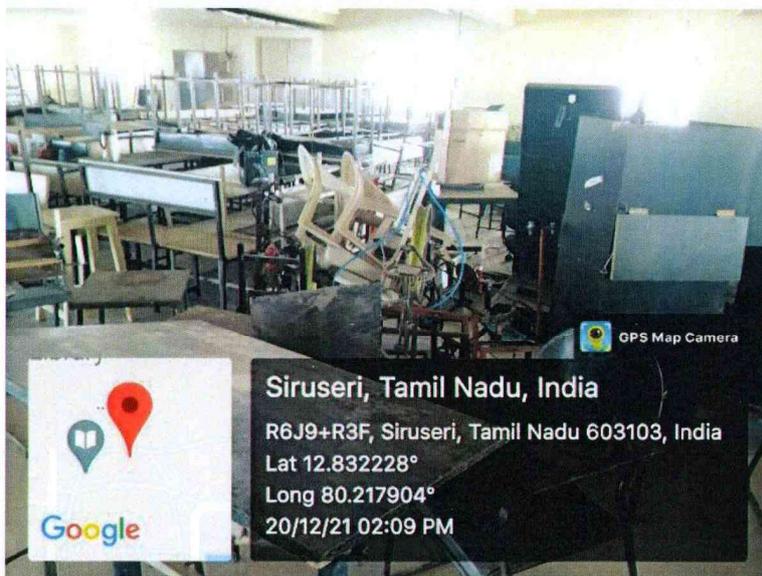

Sib Sankar Bandyopadhyay
Vice President - HR & CSR
ITC Limited
Paperboards & Specialty Papers Division

Certificate for Paper Waste Disposal

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ii) Solid Paper Waste Management for FY 2019-2020

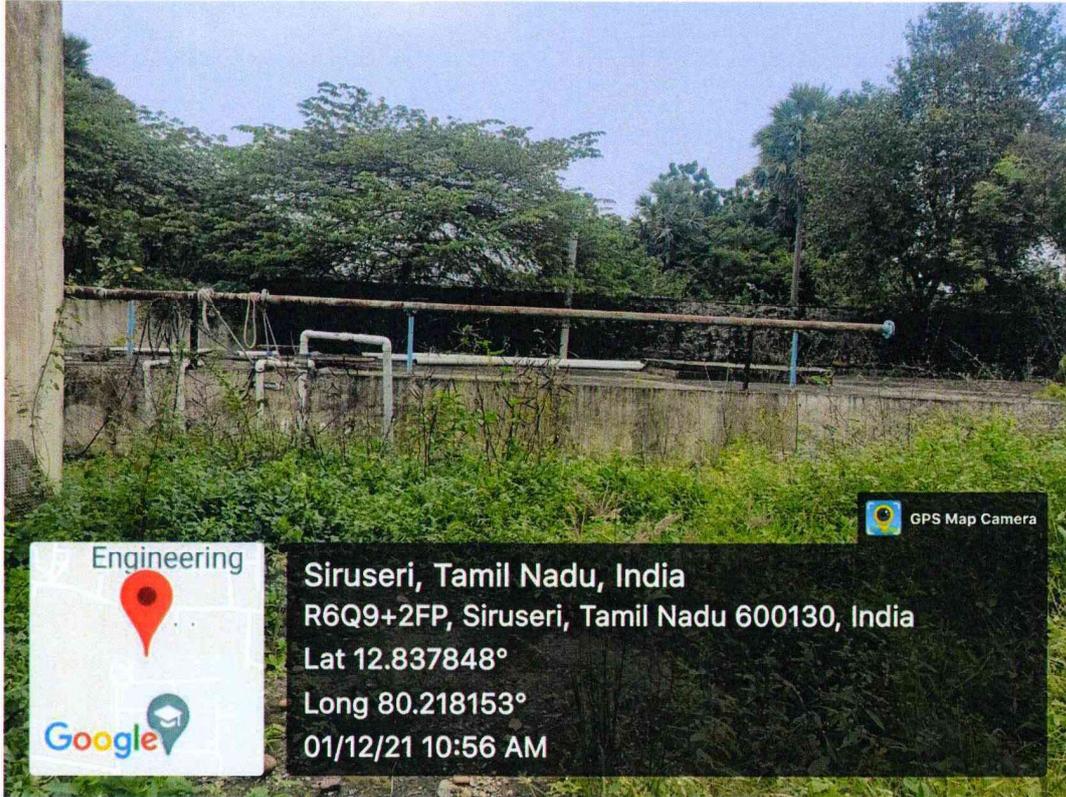
Other Solid Metal and Plastic waste are segregated and scrapped on a systematic basis to Scrap Dealer.



Mohamed Sathak A.J.

Segregated Solid Waste in Campus

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Sewage Treatment Plant - Outside Setup

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3) Biomedical waste management

In our institution biomedical waste like sanitary napkin is being disposed with the help of the sanitary napkin incinerator. We have 2 incinerators, one is placed in the women rest room located in the ground floor and other is placed the women restroom located in the third floor. Ashes from the incinerator are disposed regularly. We also have 2 Sanitary napkin wending machine.



Napkin Incinerator


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4) E-Waste recycling system:

In our institution we give high preference to recycling of E-waste especially we will try to reuse it as much as we can until it is consider as a scrap. For instance tonners are recycled and reused until it is considered as a scrap.

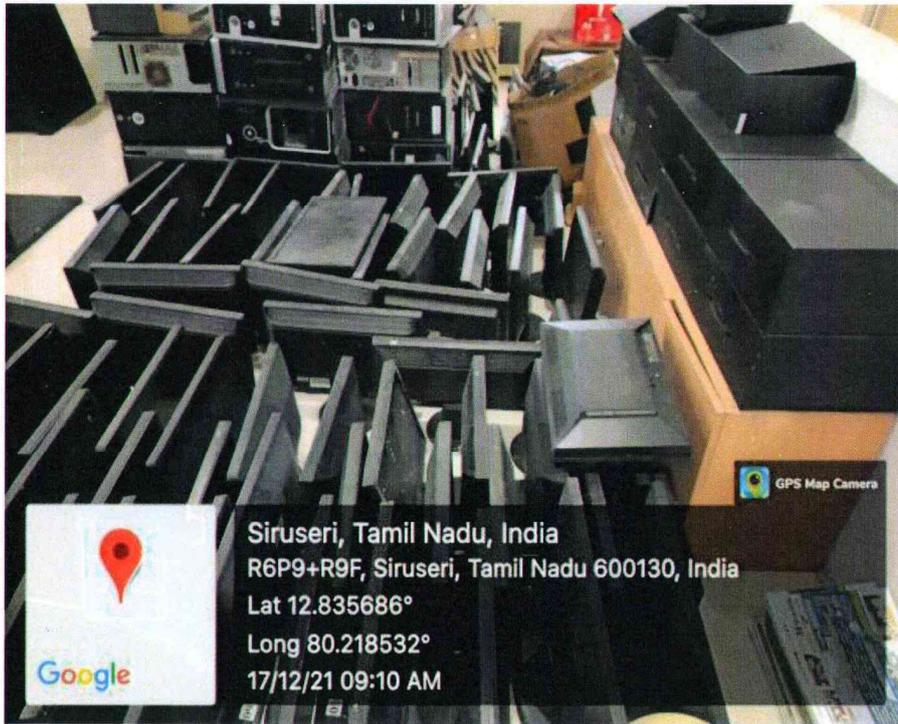
i) E-waste management

E-waste from labs is properly collected and is given to the licensed recycler, reused wherever possible, donated and sold if possible. Non-working computers, monitors, and printers are discarded and scrapped on a systematic basis to Authorized Scrap Dealer. Some parts useful for other systems are kept aside for future use. Students are also imparted awareness about E-Waste.

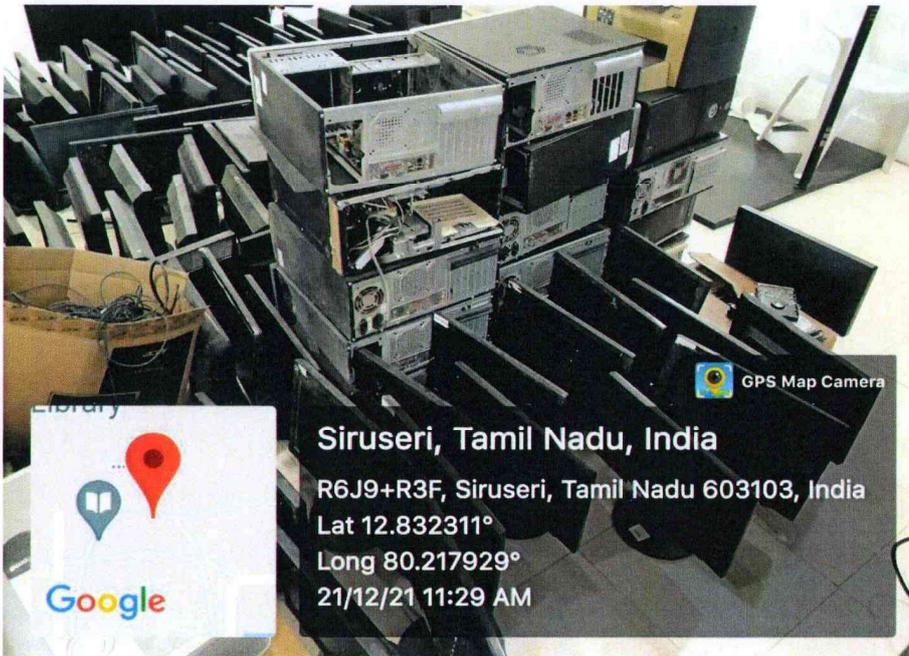


Useful Parts kept aside for Future use


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Siruseri, Tamil Nadu, India
R6P9+R9F, Siruseri, Tamil Nadu 600130, India
Lat 12.835686°
Long 80.218532°
17/12/21 09:10 AM



Siruseri, Tamil Nadu, India
R6J9+R3F, Siruseri, Tamil Nadu 603103, India
Lat 12.832311°
Long 80.217929°
21/12/21 11:29 AM

E-Waste Segregated for Disposal

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Chennai-603 103.

5) Hazardous chemicals waste management

Our institution is very much keen about the less usage of the hazardous chemicals where hazardous chemicals are only used for the laboratory purpose. Most of the chemical wastes are recycled and reused. Other chemical wastes both the acidic wastes and basic wastes are collected and stored separately in proper chemical storage container and disposed properly.



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Chennai-603 103.

VELU TRADERS

(Dealers in all kind of Scrap and E-Waste Materials)

8, 17, THANDAVARAYAN STREET, TONDAIRPET, CHENNAI-600081

GSTIN – 33ADUPV5453HIZY TIN-33711282817

Ph: 9841432614, 8681827140 email: veluukavi@gmail.com

To,
The Principal,
Mohamed Sathak AJ College of Engineering,
Sirsuseri IT Sipcot,
Chennai- 603103

Dear Sir,

Sub:Permission for Scrap Clearance - Reg

We are dealers in all kind of metal scrap and E-waste. I am tendering this letter to ask permission regarding clearance of all kindof metal scrap and E-waste Material from your college in regular basis and I assure that we will offer you the best rate in the business and all the labour and transportation charges will bear from our side. I am hoping that you will grant my request.

Thanking You,

Chennai
13.12.2018



PRINCIPAL
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34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



Mr.S.Velu

(P/O, VELU TRADERS)
VELU TRADERS.

8, 17, Thandavarayan Street,
Tondairpet,



MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai) ISO 9001:2008 Certified Institution.

To,
S.Velu,
P/o VELU TRADERS,
No:81, Thandavarayan Street, Tondiarpet,
Chennai – 600081

Dear Sir,

Sub: Approval for Scrap Clearance – Reg

This is to inform you that management of the institution as accepted your request for metal scrap clearance and E-waste removal from the college for the following financial year

FY - 2019-2020

FY - 2020-2021

FY - 2021-2022

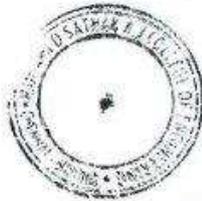
Management is expecting to maintain a good business deal with your firm. For further details you can contact Institute Administration officer.

Thanking You

Chennai
17.12.2018

Asif Manged

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
No.34, Rajiv Gandhi Road (OMR) SIPCOT-IT Park,
Siruseri, Chennai - 603 103



Asif Manged

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34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.


No:34, Rajiv Gandhi Road (OMR), IT Highway, Inside SIPCOT IT Park, Siruseri, Chennai - 603 103.
☎ 044-2747 0021, 2740 2970 📠 044-2747 0022 ✉ principal@msajce-edu.in 🌐 www.msajce-edu.in

MSAJCE

VELU TRADERS

(Dealers in all kind of Scrap and E-Waste Materials)

8, 17, THANDAVARAYAN STREET, TONDAIRPET, CHENNAI-600081

GSTIN – 33ADUPV5453HIZY TIN-33711282817

To,
The Principal,
Mohamed Sathak AJ College of Engineering,
Sirsuseri IT Sipcot,
Chennai- 603103

Dear Sir,

Sub: Reply for the acceptance of Scrap Clearance - Reg

We are very much thankful for accepting our business deal and allowed us clear scrap for the following financial year

FY - 2019-2020

FY - 2020-2021

FY - 2021-2022

We assure that we will maintain a good business relation with you in future.

Thanking You

Chennai
19.12.2018



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34, Rajiv Gandhi Road (DMR), Siruseri, IT Park
Chennai-603 103.



Mr.S.Velu

(P/O, VELU TRADERS)

VELU TRADERS.

8, Thandavarayan Gopalan Street,

TONDAIRPET,

CHENNAI-600 081.

Ph: 9841432614

Agreement with third party for E-waste and Solid Waste Clearance

5) Hazardous chemicals waste management

Our institution is very much keen about the less usage of the hazardous chemicals where hazardous chemicals are only used for the laboratory purpose. Most of the chemical wastes are recycled and reused. Other chemical wastes both the acidic wastes and basic wastes are collected and stored separately in proper chemical storage container and disposed properly.



Date: 03/01/2022

To whomsoever it may Concern

Mohamed Sathak.A.J. College of Engineering

Siruseri IT Park, OMR, Chennai-603103

Ref: Declaration through our company Saahas Waste Management Pvt Ltd, Letter head confirming our end to end services related to E Waste Clearance.

Saahas Waste Management Private Limited, having its registered address at #21, Ground Floor, 5th C Cross, MCHS Colony, 16th Main, BTM Layout Stage 2, Bangalore - 560076, is an authorised PRO, with authorization number B-29016(3)/PRO/18/WM-III Division dated - 06/09/2018, under the E-Waste (Management) Rules, 2016 ("Rules"). We have been engaged by various producers / bulk consumers / consumers to assist them with their obligations including collection and channelization of different categories of e-waste under the Rules.

E-waste Services

- EPR registration/Authorization, designing of EPR plan, implementation of EPR targets and collection/channelization of bulk/non-bulk consumer e-waste Pan-India.
- Materials assessment and Reverse Logistics to various recyclers with registered transporters for effective supply chain management
- Extensive awareness provided for corporates, educational institutions, ULB's, aggregators, RWA's and collection drives
- Cloud-based platform for data capture, data monitoring and traceability
- Rules and regulations followed as per E-waste Management Rules 2016
- Experienced professionals with best industry knowledge
- Social inclusion models in identifying and enrolling informal players to upgrade them to follow formal practices



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Chennai-603 103.



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

Registration of Producer Responsibility Organisation
[Under rule 13 1(xvii)]

Date of Issue: 06-09-2018

Ref: Your application for Registration as Producer Responsibility Organisation under E-Waste (Management) Rules, 2016 and amendments thereafter.

M/s Saahas Waste Management Private Limited, #21, Ground Floor, MCHS Colony, 5th C Cross, 16th Main, BTM Layout 2nd Stage, Bangalore- 560076 is hereby granted Registration as Producer Responsibility Organisation (PRO) under rule 13 (1) (xvii) of the above mentioned rules for following EEE codes:

ITEW1	ITEW2	ITEW3	ITEW4	ITEW5	ITEW6	ITEW7	ITEW8
ITEW9	ITEW10	ITEW11	ITEW12	ITEW13	ITEW14	ITEW15	ITEW16
CEEW1	CEEW2	CEEW3	CEEW4				

The PRO Registration Number is B- 29016(3)/(PRO)/18/WM-III Division, dated 06-09-2018

1. M/s Saahas Waste Management Private Limited shall function as Producer Responsibility Organisation (PRO) and undertake the activities prescribed under the above mentioned Rules and the Guidelines for Producer Responsibility Organization (PRO) of Central Pollution Control Board (CPCB).
2. This registration shall be valid for a period of five (5) years from the date of issuance of this PRO Registration.
3. The registered PRO shall maintain information related to its toll free numbers, customer care numbers, list of dismantlers, list of recyclers, list of its collection centres, list of collection points and details of its reverse logistic partners (transporters) along with their contact details on its web sites www.saahaszerowaste.com
4. The registered PRO shall maintain records of e-waste and make such records available for scrutiny by Central Pollution Control Board as and when required.
5. The registered PRO shall file annual returns to the Central Pollution Control Board on or before 30th day of June following every financial year.
6. The registered PRO shall comply with provisions of the Environment (Protection) Act, 1986, E-Waste (Management) Rules, 2016, E-Waste (Management) Amendment Rules, 2018, other applicable regulations and CPCB's guidelines issued from time to time under these rules.
7. An application for the renewal of registration shall be made before 60 days of its expiry.
8. The Central Pollution Control Board reserves right to cancel/amend/voke the PRO registration at any time in case of any violation of the E-Waste (Management) Rules 2016 and amendments thereafter or CPCB's guidelines issued from time to time under these rules.

To,
M/s Saahas Waste Management Private Limited, PRINCIPAL
#21, Ground Floor, MCHS Colony, 5th C Cross,
16th Main, BTM Layout 2nd Stage, Bangalore- 560076

Handwritten signature

Anand Kumar
06/09/18
Authorized signatory
(With designation)
Anand Kumar
Additional Director &
Divisional Head, WM-III Division
Central Pollution Control Board
Mo Env., Forest & Climate Change, Govt. of India
Parivesh Bhawan, East Arjun Nagar
Delhi- 110 032

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032
Parivesh Bhawan, East Arjun Nagar, Delhi-110032
दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

List of End to End E Waste Services

S.No	Particulars	Payback's (INR)
1	Positive*EWaste Materials (Payable by Saahas)	Refer the Annexure – 1 Paybacks will be shared after knowing the E Waste categories Average payback's per kg is provided for your reference
2	Negative**EWaste Materials (Payable by Mohamed Sathak.A.J. College of Engineering)	
3	Zero Value***EWaste Materials Values (No values to the materials will be either paid by Saahas or Mohamed Sathak.A.J. College of Engineering), only submitting the materials to recyclers	
4	EWaste Awareness (Virtual), If required by the College	10,000 per session
5	EWaste Awareness (Physical), If required by the college	15,000 per session
6	Supply of E Waste Posters (A3 Size), If required by the college	350 per Poster Customization can be done based on the required dimensions Refer Annexure -1
7	Supply of E Waste Bins Technical Specs of E Waste Bin MS Bin of 1.2mm thick of Size 36'H x 24 W'D powder coated with Yellow color with provision of wheel at the bottom for easy movement on the outdoors. The inner bottom portion of the bin and the inner portion of the back door shall be padded with sponge of 1' OR 0.75mm thickness as per your requirement.	15,000 per Bin Refer the Images in the Annexure - 2



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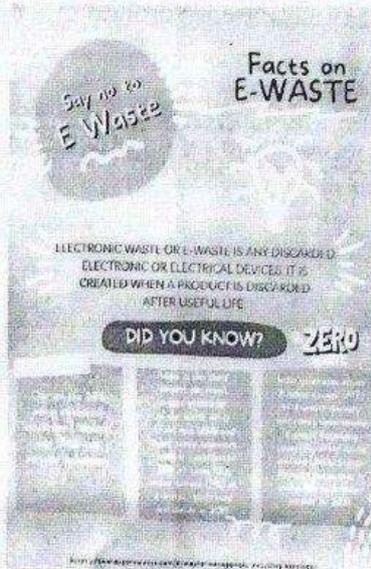
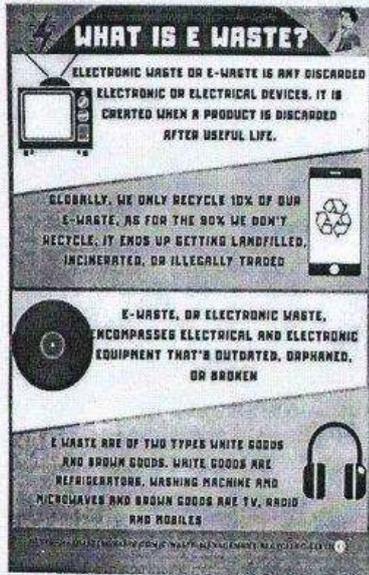
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MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING
 34, Rajiv Gandhi Road (DMR), Siruseri, IT Park
 Chennai-603 103.

Annexure 1

List of Values across the Positive, Negative and Zero Values of E Waste

*Positive E -Waste items	**Negative E-Waste items	***Zero Value E-Waste items
LCD/LED TV's, All Home Appliances Mixer Grinder, Fridge, Washing Machines, Micro Oven's, Iron Box, Speakers, Indoor and Outdoor Air Conditioners, Air Coolers, Ceiling Fans/ Table Fans, Geyser, Set top boxes, Wifi Routers,Cables,Wires, Mobiles,Smartphones,Landline phones, Printers, Desktops, CPU's, Laptops,Dish antenna, Computer Peripherals, TV Remotes and Mix E-waste	Lamps, Tubelights, CFL's or any form of Lights	CRT Monitor or any form of Monitors, Keyboards and Mouse
	Dry cell batteries	
	Toners and cartridge	
	CD Cassettes	

E Waste Posters



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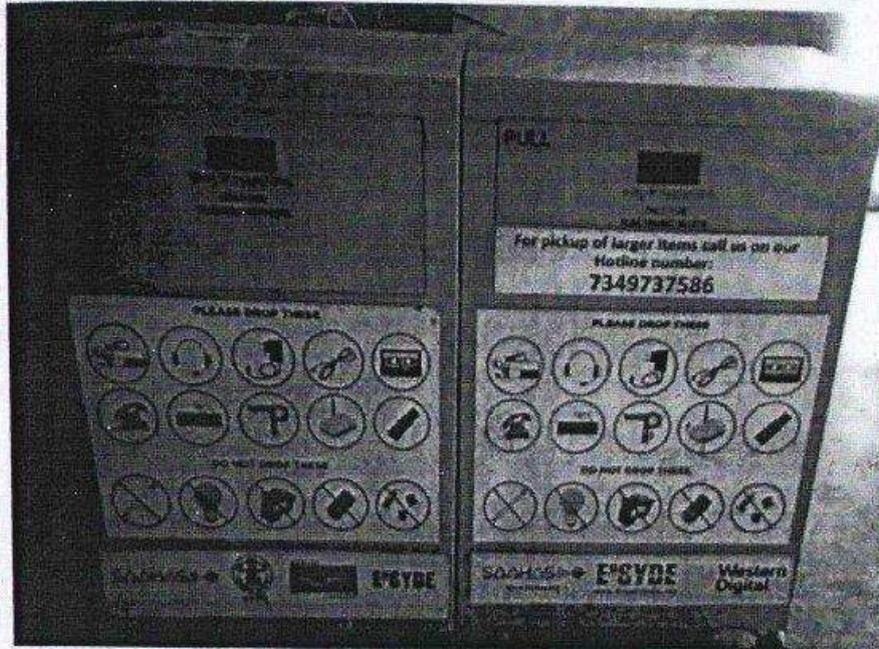
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34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

#21, Ground Floor, MCHS Colony, 5th C Cross, 16th Main, BTM Layout 2nd Stage, Bangalore – 560076.
Contact no: 080 - 41689889. www.sahaszerowaste.com

List of E-Waste Items

Annexure-2

E Waste Bins and E Waste Posters



Note: Batteries and Tube lights are Hazardous Waste and hence cannot be mixed with E Waste and we can provide the two separate Bins for Tube lights and Batteries.

Commercials for E Waste disposal at Mohamed Sathak.A.J. College of Engineering

S.No	E Waste Scrap Particulars	Quantity in No's	Rate per Kg
1	LCD/LED Monitors	80	30
2	CRT Monitors	2	5
3	Servers - IBM Xenon	2	50
4	CPU	20	30
5	Keyboards	20	5
6	Projectors	2	25
7	Mouse	20	5
8	Scrap ID HDD	28	50

Terms and Conditions

1. SWMPL to make the 100% payment against the invoice.
2. The above table is based on accurate quantities
3. Final quantity is based on weighing at source location at the time of loading.
4. Certificates for safe disposal will be provided in 45 Days from the date of Clearance.
5. SWMPL to create and acquire the documents as required by the EWM Rules 2016. Furthermore, Form – 6 manifest, Delivery Challan, tax invoice and e-way bill (if required) to be created by SWMPL during collection of the identified e-waste.

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 Chennai-603 103.



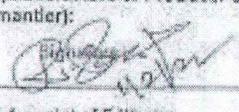
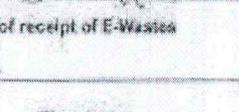
#21, Ground Floor, MCHS Colony, 5th C Cross, 16th Main, BTM Layout 2nd Stage, Bangalore – 560076.
 Contact no: 080 - 41689889. www.sahaszerowaste.com

SZW-BC-2122-

SOURCE

FORM-6
[See Rule 19]
E-WASTE MANIFEST

S.No. 1301

1.	Sender's Name and Mailing Address (including Phones No.)	MSAJCE Siruseri IT Park Chennai - 603103 (on behalf of. Coated Waste Management Pvt Ltd)
2.	Sender's Authorisation No., if applicable	
3.	Manifest Document No.	2478
4.	Transporter's Name and Address (including Phones No.)	Arrange by SEZ Recycling T7 4th Avenue, Mahendra SEZ Zone Chengalpettu Kanchipuram 603002.
5.	Type of Vehicle	TATA ACE (PORTEX)
6.	Transporter's Registration No.	
7.	Vehicle Registration No.	TN12 AM 5292
8.	Receiver's Name & Address :	SEZ RECYCLING T7 4th Avenue, Mahendra World City SEZ Zone Chengalpettu Kanchipuram, Tamil Nadu - 603002
9.	Receiver's authorisation No, if applicable :	MMN1585/RS/DEE/MMW/EO9/2017
10.	Description of E-Waste (Item, Weight/ Numbers):	MIXED E WASTE - 4664.7 kgs.
11.	Name and Stamp of Sender* (Manufacturer or Producer of Bulk Consumer or Collection Centre or Reurbisher or Dismantler):	 Name and Stamp :  Month Day Year 02 01 2022
12.	Name and Stamp of Manufacturer or Producer of receipt of E-Waste:	 Name and Stamp :  Month Day Year 02 01 2022
13.	receiver* [Collection Centre or reurbisher or Dismantler or Recycler] certification of receipt of E-waste	 Name and Stamp : Signature : Month Day Year

* As applicable



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PRINCIPAL
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Chennai-603 103.



(Recyclers of Metal Scrap & Automobile Scrap)

Date: 16-02-2022

Certificate of Recycling

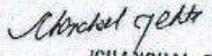
This is to certify that we have taken receipt of the following quantities of e-waste collected and channelized uniquely on behalf of **Mohamed Sathak A.J. College of Engineering by Saahas Waste Management Private Limited**, a PRO (under E-Waste Management Rules) having registration number B-29016(3)/(PRO)/18/WM-III, having its office at #21, Ground Floor, MCHS Colony, 5th C Cross, 16th Main Road, BTM 2nd Stage, Bengaluru 560076, for further processing in our e-waste recycling facility at SEZ Recycling located at Techno Park 7, 4th Avenue, IT SEZ Area, Mahindra World City SEZ Area, S.P. Koil, Chengalpattu – 603 004.

Invoice ref No: SWMPL2122G0974

Sl. No.	Collection Date	Recycling date	Material Description	Quantity (Kg)	Reference no/Form 6
1	01-02-2022	12-02-2022	Mixed E-Waste	464.7	SZW-BC-2122-049
Total quantity (KG) = 464.7					

This is to certify that the aforementioned e-waste received has been recycled in an environmentally friendly manner in accordance with the applicable rules and regulations including E-waste (Management) Rules, 2016.

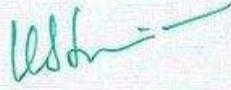
For SEZ Recycling,
For SEZ RECYCLING


(CHANCHAL S. MEHTA)
Proprietrix

Authorised Signatory

Name: Chanchal S Mehta

Designation: Proprietor



PRINCIPAL
MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Page | 1

Plot No. TP - 7, 4th Avenue, IT - SEZ Area, Mahindra World City, Chengalpattu - 603 002.
Contact : 9790711555, 9789052254, 9790822555, GST No - 33AJBPM4173G1ZG
E-mail : surendhara@sezrecycling.com, akshay@sezrecycling.com, Email - 2udiit@gmail.com