



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
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.



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

Wsh

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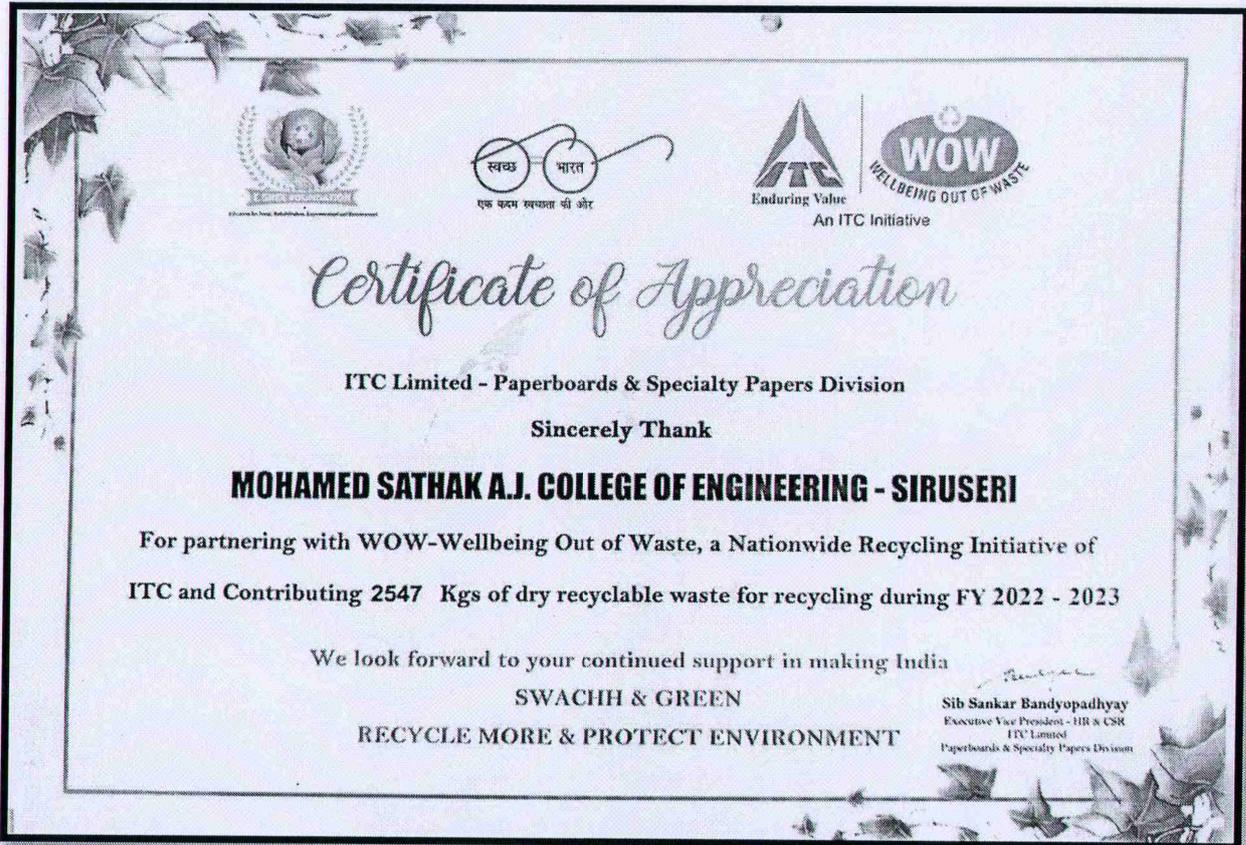


Segregation of Paper Waste inside Campus



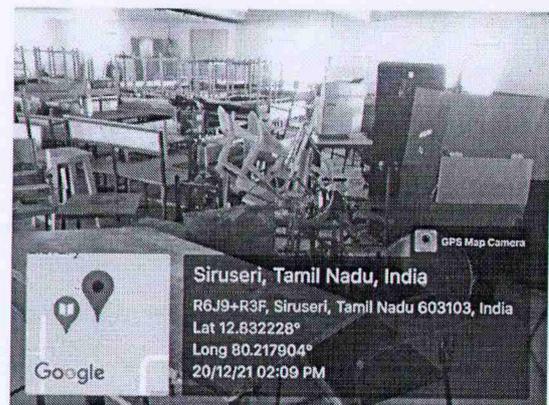
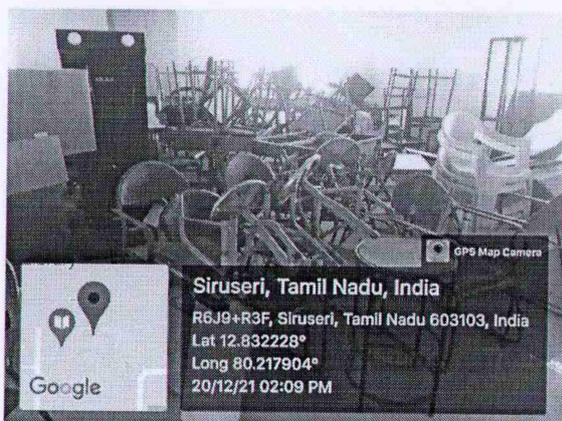
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Certificate for Paper Waste Disposal

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



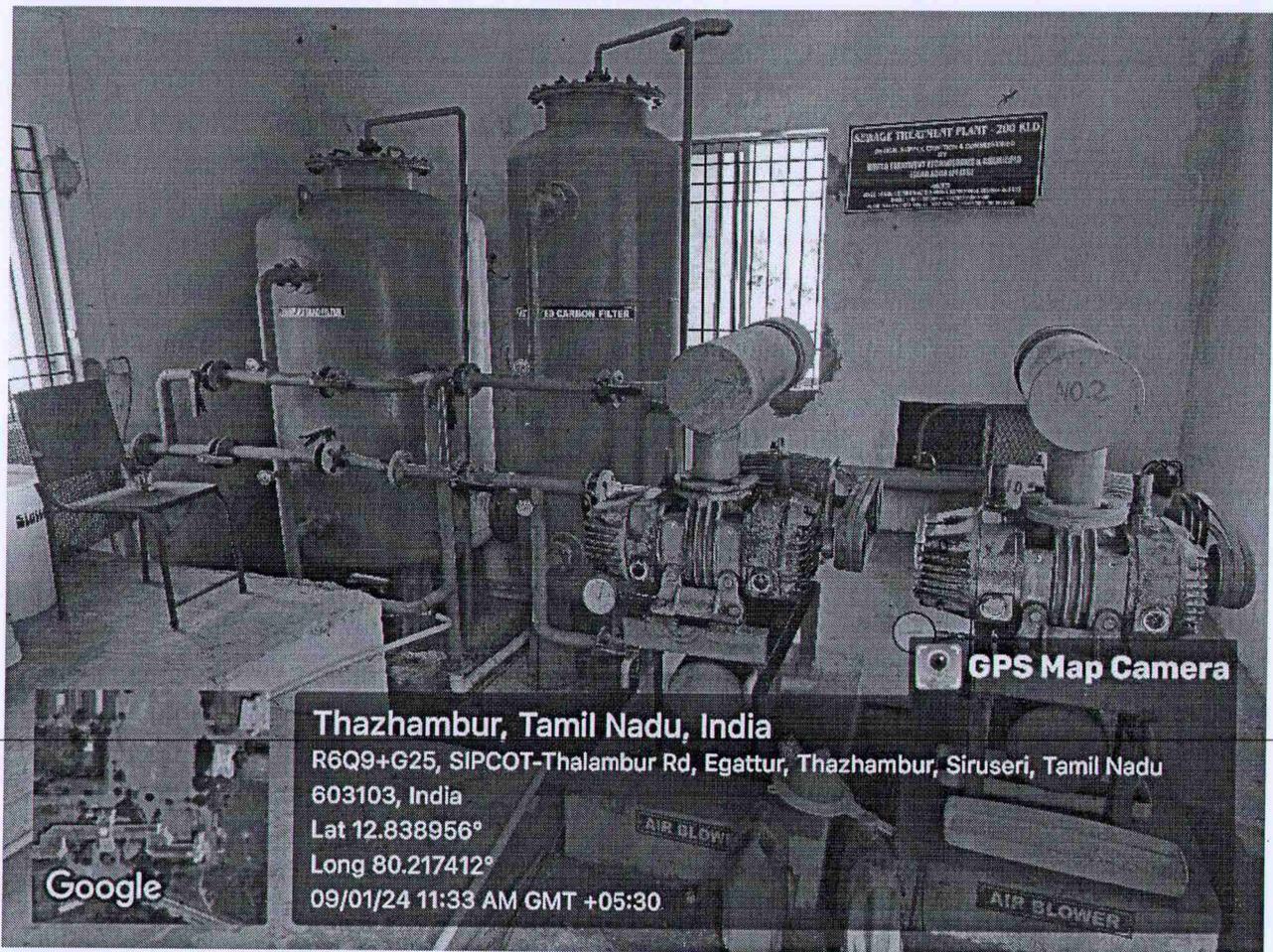
Segregated Solid Waste in Campus

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Chennai - 603103.



2) Liquid Waste Management

The institution always stresses on the need of saving each and every drop of water. In this regards, the college has taken initiatives to use the waste water to watering the trees. Every day college needs approximately 10,000 liters of water for the plants which comes from two Sewage Treatment Plants (STP) which has total capacity of 25,000 liters of water.



Sewage Treatment Plant Inside

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.

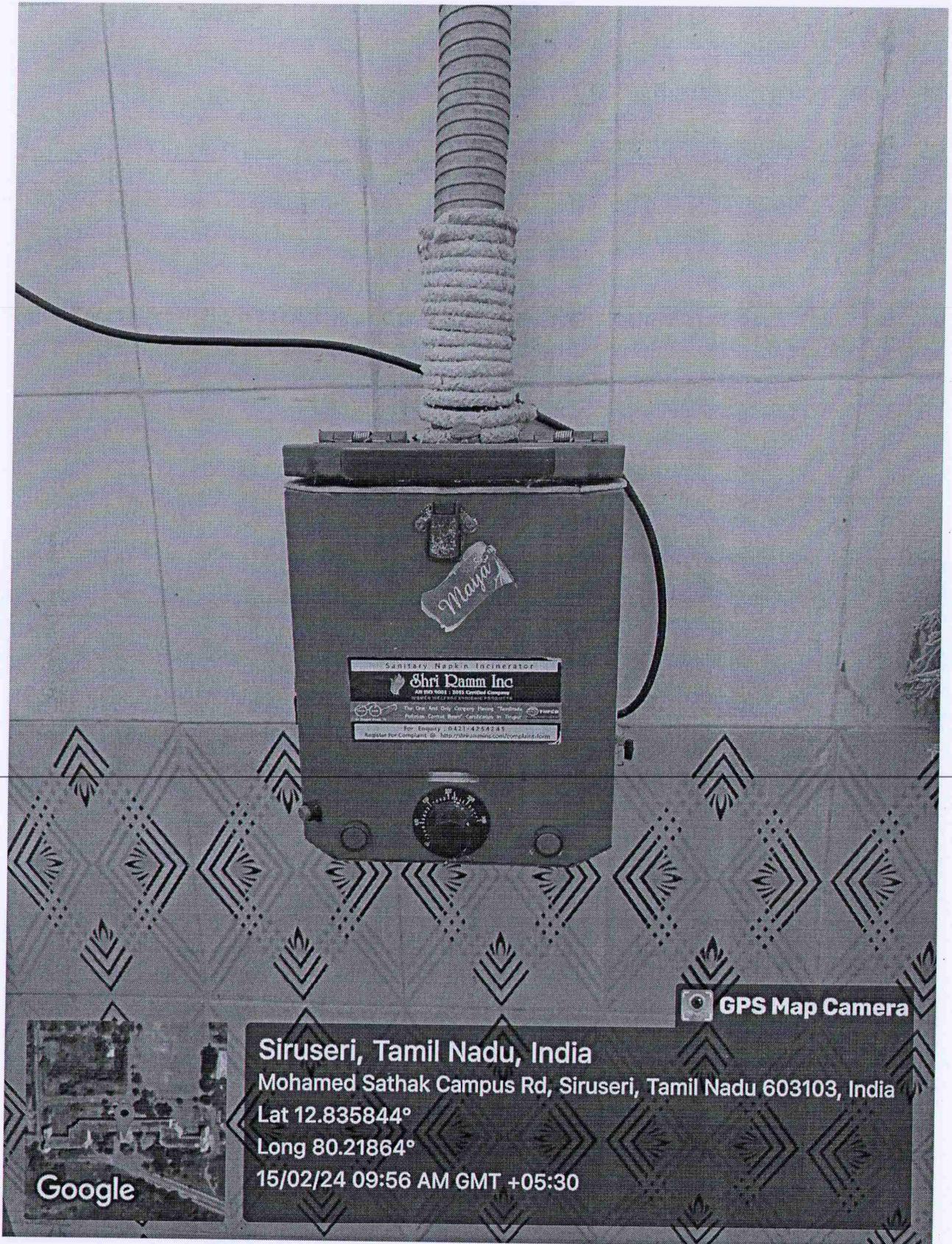
PRINCIPAL

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No.34, Rajiv Gandhi Salai (OMR)
SIPCOT-Thalambur Estate,
Chennai - 603103.

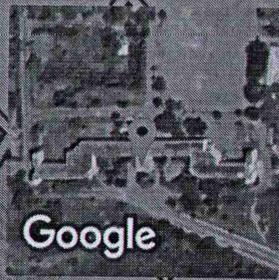


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GPS Map Camera



Google

Siruseri, Tamil Nadu, India
Mohamed Sathak Campus Rd, Siruseri, Tamil Nadu 603103, India
Lat 12.835844°
Long 80.21864°
15/02/24 09:56 AM GMT +05:30

Napkin Incinerator

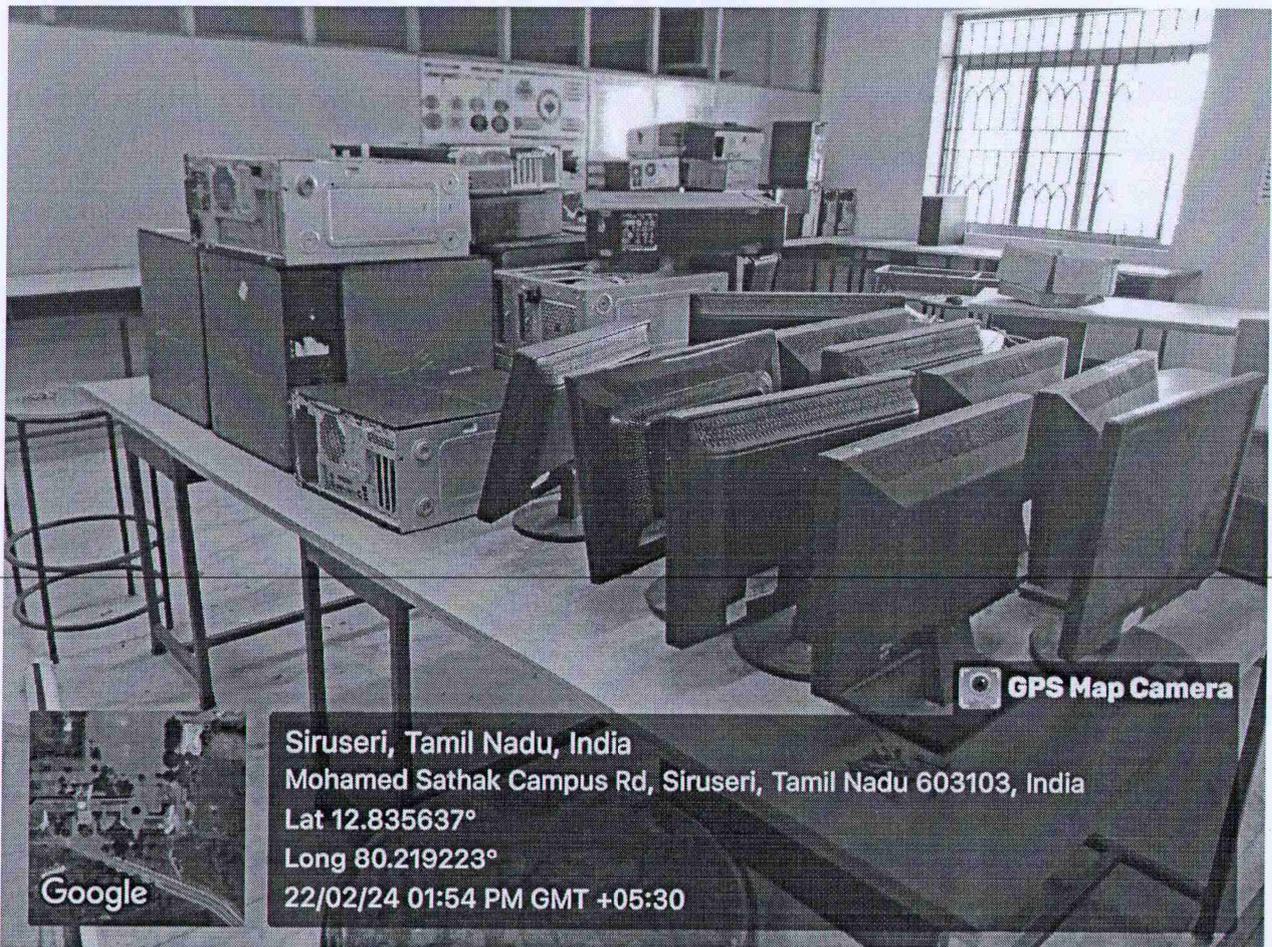
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Sipcot - IT Highway Egattur,
Chennai - 603103.



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 considered as a scrap. For instance tonners are recycled and reused until it is considered as a scrap.

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.



Siruseri, Tamil Nadu, India
Mohamed Sathak Campus Rd, Siruseri, Tamil Nadu 603103, India
Lat 12.835637°
Long 80.219223°
22/02/24 01:54 PM GMT +05:30

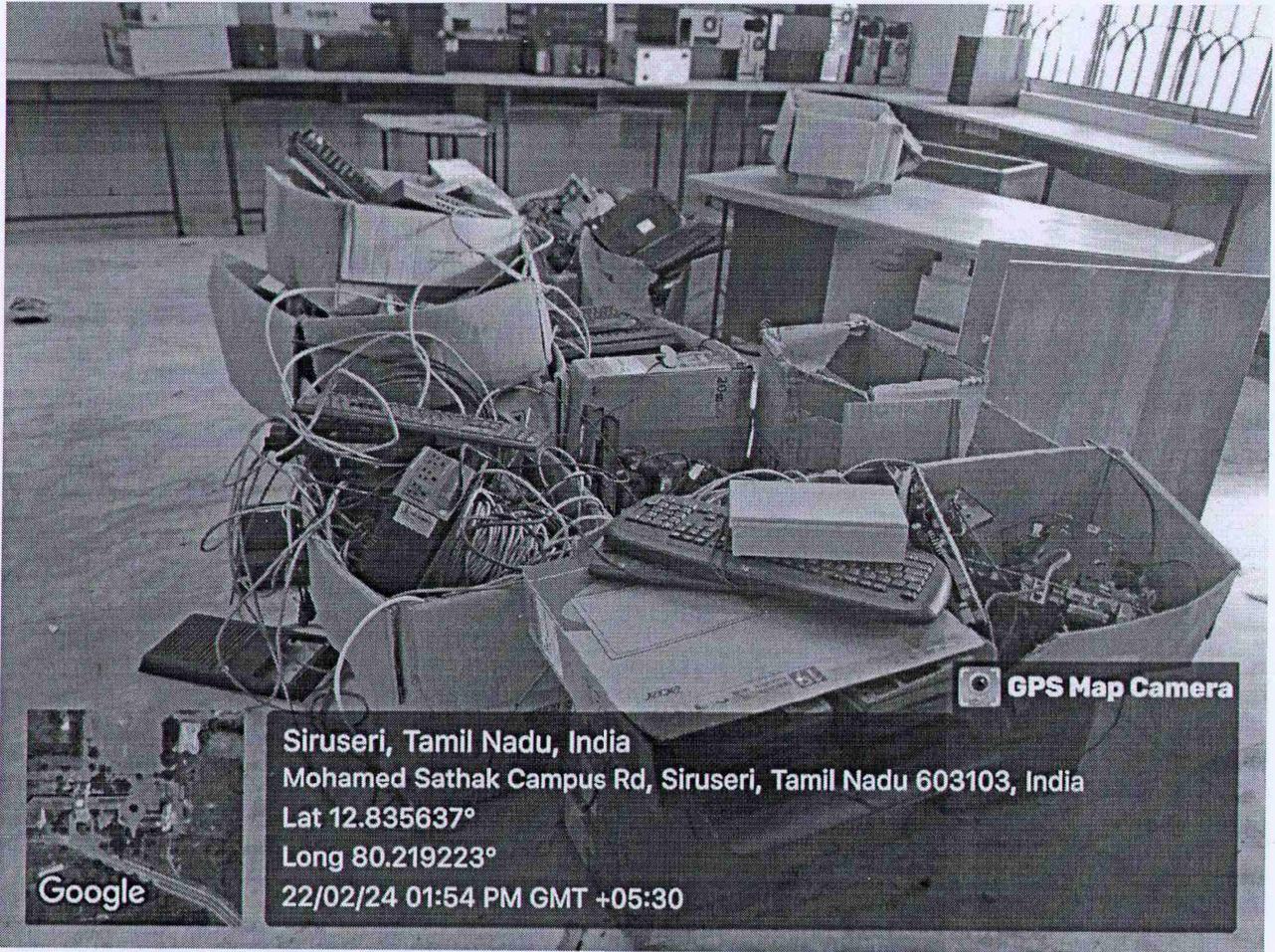
E-Waste Segregated for Disposal

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E-Waste Segregated for Disposal

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Chennai - 603103.



E-Waste Segregated for Disposal

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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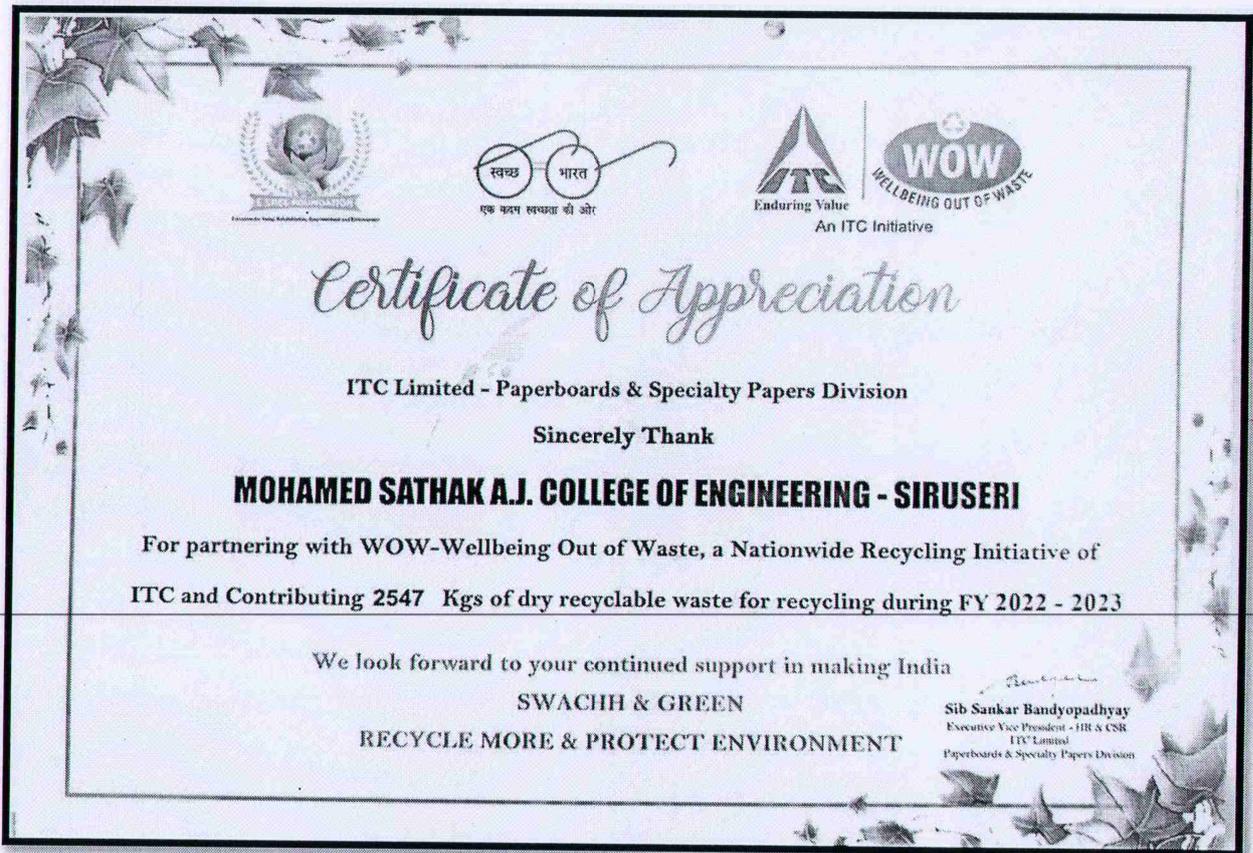
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Certificate for Paper Waste Disposal

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Sipcot - IT Highway Egattur,
Chennai - 603103.



MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING

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Recognized under UGC 12B & 2f Act



From

The Principal,

Mohamed Sathak A J College of Engineering,

Siruseri IT Park,

Chennai – 603103

To

S. Velu

P/o VELU TRADERS,

N0: 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 2022-2023

FY 2023-2024

FY 2024-2025

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

Thanking You

Chennai

28.12.2023


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No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.



No:34, Rajiv Gandhi Road (OMR), IT Highway, Siruseri IT Park, Chennai - 603 103.



044-2747 0024



99400 04500



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

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

To
The Principal,
Mohamed Sathak A J College of Engineering,
Siruseri IT Park,
Chennai – 603103.

Dear Sir,

Sub: Permission for Scrap Clearance – Reg

We are dealers in all kind of metal scarp and E-waste. I am tendering this letter to ask permission regarding clearance of all kind of 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 market and all the labour and transportation charges will bear from our side. I am hoping that you will grant my request.

Thanking you.

Chennai
27.12.2022



PRINCIPAL

Mohamed Sathak A.J. College of Engineering
No.34, Rajiv Gandhi Salai (OMR)
Sipcot - IT Highway Egattur,
Chennai - 603103.



Mr.S.Velu

(P/O, VELU TRADERS)

VELU TRADERS.

8, Thandavarayan Gopalan Street,
TONDAIRPET.