

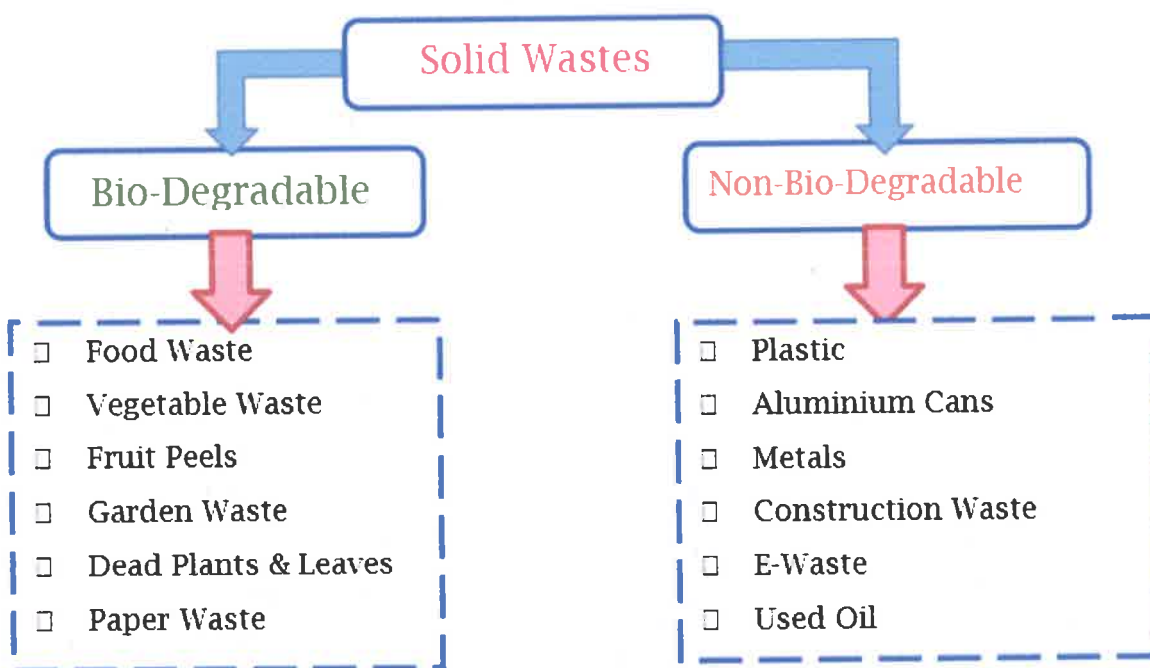
## NAAC CRITERION- 7

### 7.1.2 The Institution has facilities for alternate sources of energy and energy conservation Measures

#### MANAGEMENT OF THE VARIOUS TYPES OF DEGRADABLE/ NON-DEGRADABLE WASTE

##### Solid Waste Management System:

Different types of wastes generated inside the college premises are represented in the block diagram given below.



**Fig.1. Solid Waste management of SSMIET**

- Implementing a system for the segregation of biodegradable and non-biodegradable waste in college is crucial for effective waste management.
- It is done by providing separate bins for each type of waste in common areas and educating students about the importance of proper disposal.
- Regular awareness campaigns and clear signage are employed to reinforce the segregation process.
- Additionally, involving students in the initiative through eco-clubs or environmental events help create a sense of responsibility towards waste management




Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)  
Principal  
SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagudi (Po),  
Palani Road, Dindigul - 624 002

## Process of Waste Management:

S. No	Waste Type	Waste Treatment	
Bio-Degradable Waste Management			
1	Food and Vegetable Waste	Collected and given to nearby fam	
2	Garden Wastes and Plant Leaves	Daily collected and dumped in a yard	
3	Paper Waste	Collected and stored in a separate place	
		Sold to third party for recycling	
		Daily paper waste stored in a yard	
Non-Bio-Degradable Waste Management			
4	Plastics	Banned in the college campus (Welcome step).	
		The chemical/salt storage containers are disposed to third party	
		Mostly used by their own construction and used for internal land filling	
5	Construction Waste		Construction metals or metals from any other sources are stored & sale to third party for recycling
			6
7	Transport Oil + Tyres	Stored in a separate place and sold to third party	
		Stored in a separate place and sold to Construction	
8	DG Engine oil & Coolant	Purpose Only	
9	Vehicle& Computer Batteries	Procuring new batteries with buyback offer (old battery replacement)	
10	Used edible oil	Almost zero waste. Mostly used for internal cooking and frying	
11	E-Waste Management	Used for sale to third party for recycling	



  
**Dr. D. SENTHIL KUMARAN, M.E., Ph.D., M.V.S.**  
 Principal  
 SSM Institute of Engineering and Technology  
 Kuttathupatti Village, Sindalagundu (Po),  
 Palani Road, Dindigul - 624 002



**Fig.2. Waste Collecting Bins**



**Fig.3. Collection of Food Waste and Dumping in Yard**



**Fig.4. Collection of E Waste**





New No.43 Old 11, North Road, West CIT Nagar, Nandambam, Chennai - 600 035.  
 Tel: +9144 24322419, 24321571, Mob: 98414 42295, 98418 42293, 98414 22634.  
 E-mail: apex\_001\_2009@yahoo.com / sales@apexupn.com. www.apexupn.com

Ref: BAT/SSM0124

Dtd: 08.09.2011

To,

SSM Institute of Science & Technology  
 Dindigul

Dear Sir

**Sub: Quotation for Supply of Battery.**

With Reference to discussions had with you, we are herewith giving our best price as follows:

**PRICE PROPOSAL**

Sl No	Description	Qty	Unit Rs	Amount Rs
1	Cost of 12V 26AH Quanta SMF Battery Warranty : 2 Years	30No's	2,700/-	81,000/-
2	GST @ 28%			22,680/-
3	<b>SUB TOTAL</b>			1,03,680/-
4	Less : Buyback of Old Condemned Battery	30No's	350/-	10,500/-
5	<b>TOTAL</b>			93,180/-

**TERMS AND CONDITION**

Tax : GST Mentioned as above  
 Payment : 100% advance with order  
 Validity : 10 days  
 Delivery Period : Immediate  
 Delivery Charges : Free of cost at Chennai / Outstation extra as applicable on TO PAY Basis

We hope that the above rates are highly competitive and we are expecting your favorable orders at the earliest.

Thanking you and assuring you our best services and attention always.

Yours faithfully,  
 For APEX POWEELEC  
 (Signature)  
 08/09/2011

*Final rate - Rs. 88680/-*

*For Recd. Lab. power battery 10000*



*Signature*

**Fig.5. Sample Invoice copy for Old Battery Replacement with Buy-Back Offer**

**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (MUS)**  
 Principal  
 SSM Institute of Engineering and Technology  
 Kuttathupatti Village, Sindalagundi (Po),  
 Palani Road, Dindigul - 624 002.

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL**

**GATE PASS**

Date: 26-02-2022

From

System administrator,  
SSMIET,  
Dindigul-624002.

To

The Principal  
SSMIET  
Dindigul-624002

Respected Sir,

(Sub: Requisition to gatepass for scrap -Reg.)

S.NO	MATERIALS	COUNT	PRICE
1	Monitor CRT ✓	12'x 100' ✓	1200 ✓
2	Monitor LCD ✓	12'x 50' ✓	600 ✓
3	SMPS ✓	28'x 30' ✓	840 ✓
4	Cabinet	14'x 20' ✓	280 ✓
5	Harddisc	3'x50' ✓	150 ✓
6	Mother Board	11 (kg) ✓	640 ✓
7	Cisco Switch	2'x 40' ✓	80 ✓
		Total	3790 ✓

The above Mentioned Scrap materials are Taken from Department of CSE Hardware Lab, and Server room and Its given to (Sai Scraps Madurai +91 8610204299) Kindly provide a permission and gate pass to the same.

Non Returnable

Thank you

*Do Rep 26/02/22*  
System administrator

Administrative Officer

*[Signature]*  
Principal

*verified  
26/2/22*

**Fig.6. Sample Gate Pass to dispose the Old E-Waste Generated inside the College**



*[Signature]*  
Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (MUS)  
Principal  
SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagundu (W),  
Palani Road, Dindigul - 624 002



# Certificate

## of E-waste Recycling

This is to certify that 90 KG of E-waste that was collected from

SSM Institute of Engineering and Technology

dated on 29-12-2023 against manifest number S.S.No: SSM-Nov-011

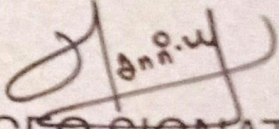
has been recycled in an environmentally friendly manner.

We appreciate your efforts to promote a clean and environmentally friendly environment.

Certification no: TAE 011

Authorization no: 2304154817362



  
CEO SIGNATURE