



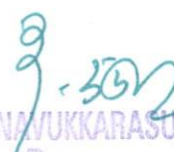
**VELAMMAL MEDICAL COLLEGE**  
**HOSPITAL AND RESEARCH INSTITUTE**  
**MADURAI - 625009**

**7.1.4**

**Geotagged Photographs of the Waste Management**

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### **Solid Waste Management**

- Solid waste generated in the campus excluding Biomedical waste is segregated as bio-degradable, non-bio-degradable and domestic hazardous waste.
- Used sanitary waste are wrapped securely and placed in the category of non-bio-degradable waste.
- Horticulture waste and garden waste generated from college campus is stored separately and disposed of.
- Food waste from Boys/Girl's hostel, Canteen and dining area are collected separately and sent daily for piggery farming.
- Both bio-degradable and non-bio-degradable wastes are collected by Madurai Corporation agency daily.

  
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**Solid Waste Collection by Corporation Vehicle**





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#### Dustbins





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Housekeeping in college





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**Dust bin in faculty room**





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Dustbin inside common room





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Dust bin in hospital corridor





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Dust bin in street





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**Sewage Treatment Plant - Liquid waste**

Liquid waste generated from toilets, Kitchen, Bathroom, Cloth Wash, Vessel Wash, etc.(sullage)is transferred to STP through the sewerage system.

VMCHRI has 2 STP, this is being operated in shift basis. The sediment is used as manure for plants and all treated water used for in house gardening purpose.

Instructions are given to all, to use water judiciously to minimize the generation of liquid waste.

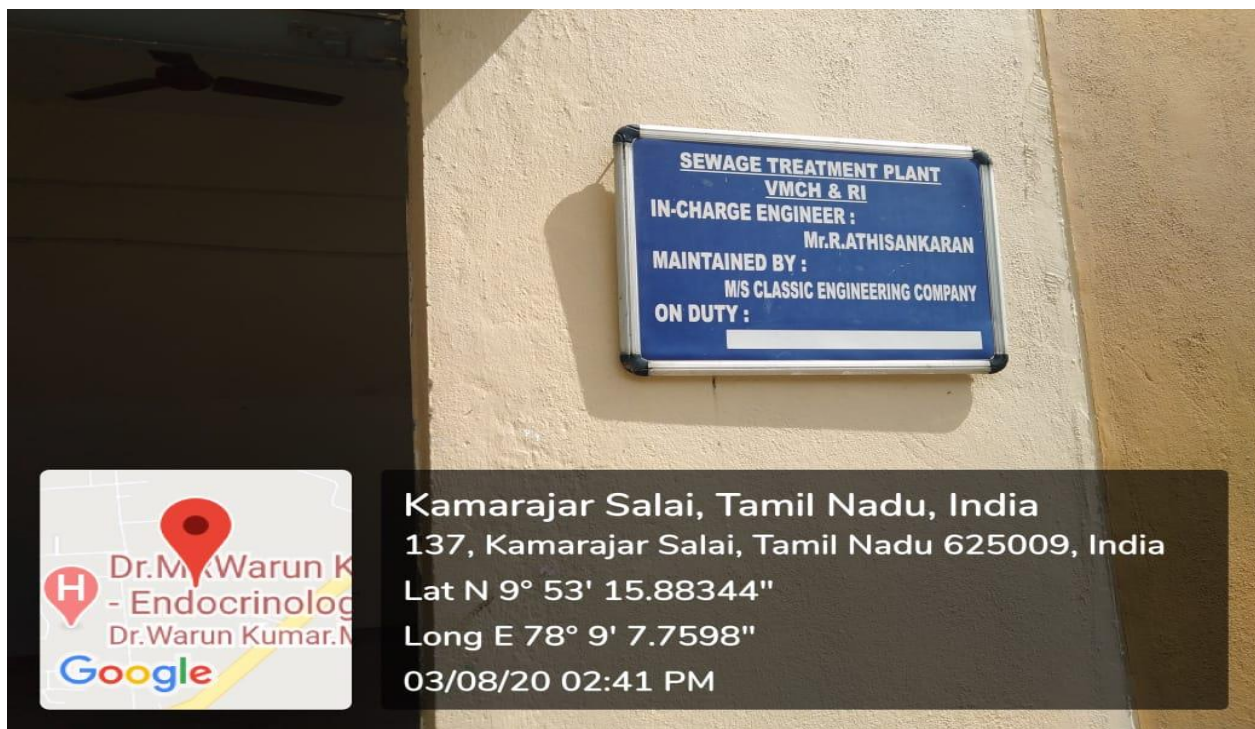
  
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Water Treatment Plant





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#### **Biomedical Waste Management - Collection Bin in ward**

Biomedical waste of the campus is managed according to NACO/ National guidelines for Biomedical Waste Management. The institution has colour coded plastic bag of approved material and thickness for non-sharp waste and puncture-proof container for sharps.

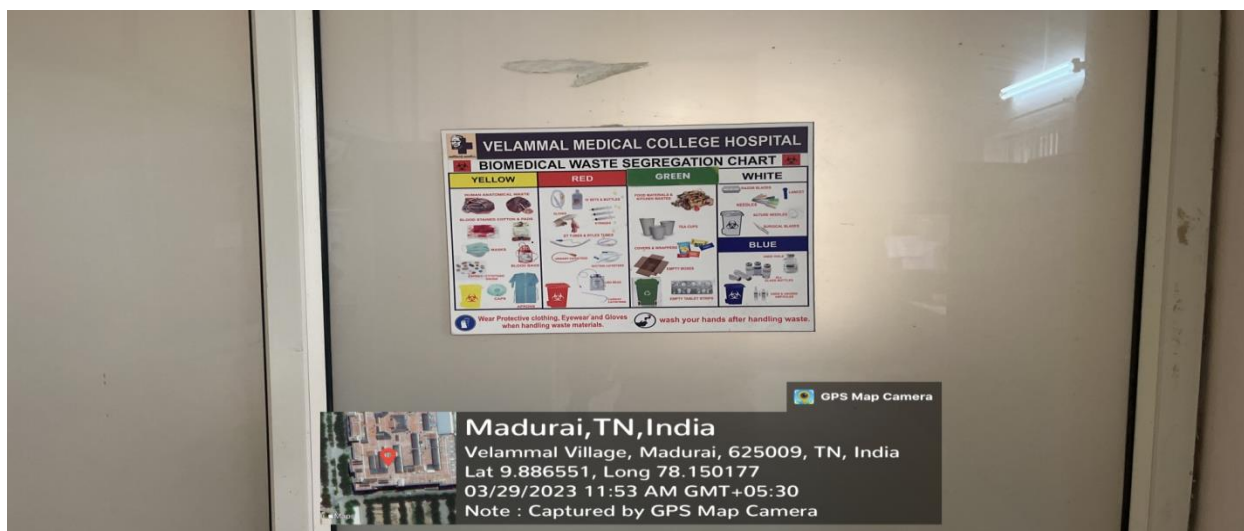
- During the point of disposal itself the biomedical waste as segregated according to its colour coded bins. The bins from each point are collected and stored separately according to the colour bags. The segregated waste is stored at safe, ventilated and secured location.
- All the necessary precautions are taken to ensure that bio-medical waste generated in the hospital is handled without any adverse effects to human health and environment.
- The bio-medical waste generated in the hospital is collected in coloured bags and containers.
- The laboratory waste, micro biological waste, blood samples and blood bags, along with waste generated at Medical College in the various departments are pre-treated and then sent to common bio-medical waste treatment facility.
- The Ramky Energy and Environment Ltd has agreement of service with the institution so they collect the segregated waste and it is disposed accordingly to their policy.

  
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Biomedical waste collection in OP



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### **E-waste Management**

All the E- waste are collected and segregated and disposed of through Green Era Recyclers, an accredited and approved e- waste disposal agencies.

They follow appropriate procedure according to the State and National guidelines.

- All the electrical and electronic devices categorized as E-waste are handed over to the Green Era Recyclers
- Institute is also committed to create awareness regarding the hazards of improper handling, instructions for handling the equipment after its use, along with Do's and Don'ts through Publications, Advertisements, Posters.

  
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Ref: QTN/19200181

Date: 9<sup>th</sup> December 2019  
GSTIN: 33AAQFG7914D1ZE

To  
Mr. Madhan  
Velammal Medical College Hospital & Research Institute  
Madurai-625009

Dear Sir,

Sub: Quotation for E-Waste disposal.

This has reference to your request for disposal of E-Waste lying at your facility. We are pleased to submit our competitive offer on "As-Is-Where-is" condition.

- 1. Introduction:** Green era recyclers is an firm from Coimbatore authorized by Tamil nadu Pollution control board for Safe handling and processing of all kinds of electrical and electronic waste
- 2. Our GSTIN & PAN Number:** GSTIN Number: 33AAQFG7914D1ZE  
PAN Number: AAQFG7914D
- 3. Customer (as referred herein):** M/s Velammal Medical College Hospital & Research Institute
- 4. Material Location:** M/s Velammal Medical College Hospital & Research Institute

**5. Our competitive Prices:**

S.No	Material Description	Price (Rs/Uom)
1	Mixed E-waste Cabinets, CPU, Accessories, Printers, Misc E-waste.	12/Kg
2	CRT Monitors	80/No

*Read*  
*21.12.19*  
*[Signature]*  
No 37 Sivanandha industrial complex, Dr MS Udhaymurthy nagar, Thadagam road,  
Edayarpalayam, Coimbatore-641025  
Mob : +91 83002 23526, +91 77362 29522 | info@thegreenera.in | www.thegreenera.in



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### **Waste Recycling System:**

- Solid bio-degradable waste is composted and re used as manure.
- The liquid waste is treated at STP and effluent is used for gardening.
- Plastic use in the campus is banned.

### **Hazardous Chemicals and Radioactive Waste Management:**

- Chemical wastes from institute are collected in Yellow coloured containers as per the Bio-Medical Waste Management Rules, or non-chlorinated plastic bags, which is then collected by the authorized waste disposal authority.

  
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