

R.M.K. ENGINEERING
COLLEGE
An Autonomous Institution

WASTE MANAGEMENT PRACTICES



R.M.K. ENGINEERING COLLEGE (AUTONOMOUS)

RSM Nagar, Kavaraipettai – 601 206

(Affiliated to Anna University, Chennai / Approved by AICTE, New Delhi
An ISO 9001-2015 Certified Institution / Accredited by NAAC with A+ Grade
All the Eligible UG Programs are Accredited by NBA, New Delhi)



SOLID WASTE MANAGEMENT PRACTICES

R.M.K. Engineering College is striving towards achieving “Zero Waste” generation. An efficient and scientific process is followed in the campus for the disposal of solid waste generated in the campus.

BIO-DEGRADABLE SOLID WASTE MANAGEMENT

The institution has implemented Two – bin system in all the buildings, one for collecting degradable and the other for non-degradable waste.

Institution provides food for all the students and faculty members- breakfast, tea and snacks, lunch and inclusive of dinner for hostel residents. This leads to enormous amount of food waste and vegetable waste. In addition, other solid wastes include paper, cardboard, garden debris etc.

The waste is collected every day and is transported to sanitary landfill site of the institution every day. The composted waste is used for gardening and agriculture.

Two-bin system is installed in the campus for collecting degradable and non bio-degradable wastes.



Sanitary napkin incinerators are fitted in the hostels



*FLOW DIAGRAM OF
DEGRADABLE SOLID WASTE MANAGEMENT*





PAPER WASTE MANAGEMENT

Waste papers were collected and for effective recycling through venkatachalapathy paper mills Ltd.

VENKATACHALAPATHI PAPER MILLS PVT. LTD.,								
Regd. Of. : No. A-1C, 2nd Avenue, Anna Nagar East, Chennai - 600 102. ☎ : 2626 2965 E-mail : sales@vishnupriapapermill.com ; purchase@vishnupriapapermill.com								
Certificate of Disposal								
Company Name:	R.M.K. Engineering College							
Company Address:	R.S.M Nagar, Kavaraipeetai - 601206 Gummidipoondi Taluk, Tiruvallur District							
Date Collected:	28.03.2019							
Date Received:	28.03.2019							
<p>This document certifies that all waste papers collected at R.M.K Engineering College were received and processed for recycling in an environmentally responsible manner, utilizing the process and equipment available in accordance with the company procedures or written instructions where applicable, by Venkatachalapathi Paper Mills Pvt Ltd, Chennai - 600067.</p> <p>This certificate is issued based on a series of specific activities including collection, sorting, Shredding and pulping, filtering, conterminal removal and de-inking processes have been done, whereby the waste papers are recycled.</p>								
<table border="1"><thead><tr><th>S.No</th><th>Description</th><th>Quantity (Kgs)</th></tr></thead><tbody><tr><td>1.</td><td>Waste Paper</td><td>320</td></tr></tbody></table>			S.No	Description	Quantity (Kgs)	1.	Waste Paper	320
S.No	Description	Quantity (Kgs)						
1.	Waste Paper	320						
For VENKATACHALAPATHI PAPER MILLS PVT. LTD.  M. Srinivasan Director								
Date: 28.03.2019								
Works : No. 206 B, Jagnathapuram Village, Ponneri Taluk, Tiruvallur District, Chennai - 600 067. ☎ : 044 - 27984276 Fax : 044 - 27964351 CIN : U21011TN1989PTC018069 GSTIN : 33AABC30255K1ZK								

E-WASTE MANAGEMENT

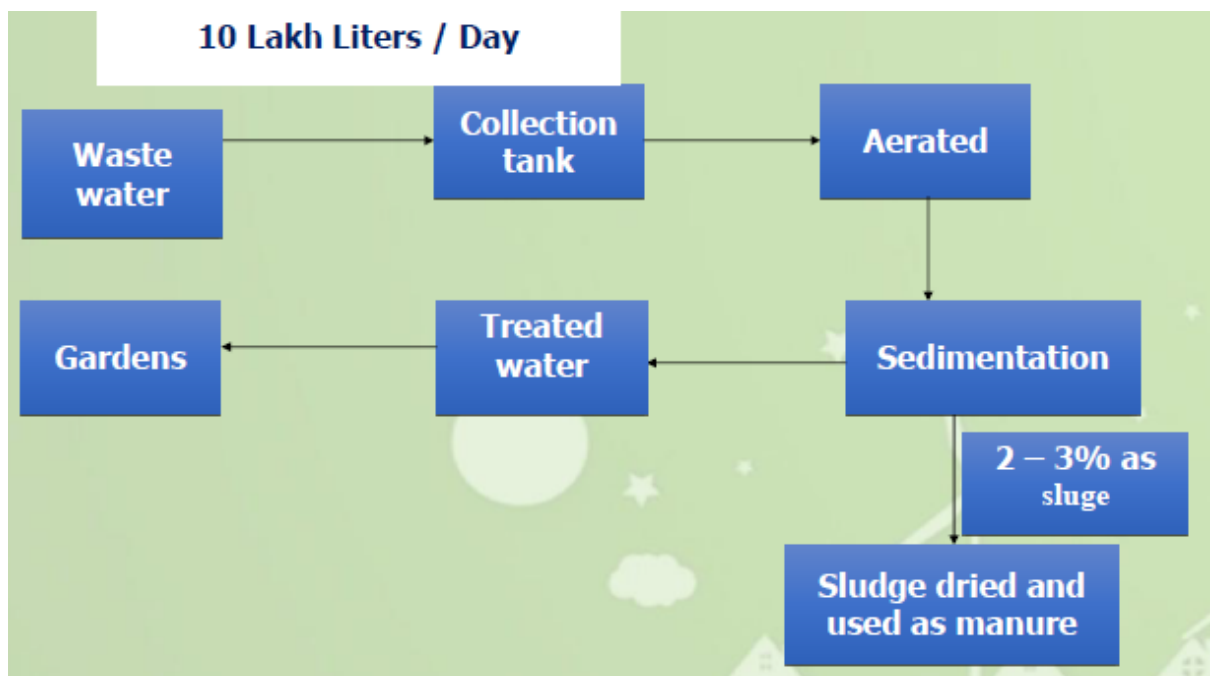
E-waste from college is collected and given to VIROGREEN Pvt. Ltd., for effective recycling.

FORM 6 (See Rule 19) E-Waste Manifest				
1	Sender's name and mailing address (including Phone No.):	M/s. RKK ENGINEERING COLLEGE RSN Nagar, Karaikal - 601206		
2	Sender's authorisation No. if applicable:			
3	Manifest Document No.:			
4	Transporter's Name & Address (including Phone No.):			
5	Type of Vehicle:	() <input checked="" type="checkbox"/> Tanker / Special Vehicle		
6	Transporter's Registration No.:			
7	Vehicle Registration No.:	TN 20 AX 2531		
8	Receiver's Name & Address (including Phone No.):	VIROGREEN INDIA PVT LTD., S/No. 297/1B-2, No.49, Pappankuppam Village, S.R.Kandigal Road, Gummadipoondi Taluk, Tiruvallur-601 201, TamilNadu, India. Phone : +919940613444		
9	Receiver's Authorisation No. if applicable:	TNPCB : E-waste Authorisation No : 4899, dated: 13.07.2017		
10	Description of E- Waste (Item, Weight/Numbers)	Total Qty (Kgs)		
	Srno	Material Description		
	1)	E-WASTE (Scrap AC)	1300 Kgs.	
11	Name and stamp of Sender* (Manufacturer or Producer or Bulk Consumer or Collection Centre or Refurbisher or Dismantler):			
	Stamp	Signature	Month	Day Year
				
12	Transporter acknowledgement of receipt of E-Waste:			
	Stamp	Signature	Month	Day Year
		<i>[Signature]</i>	10	06 2018
13	Receiver (Manufacturer, Refurbisher or Dismantler or Recycler) certification of receipt of E-waste:			
	Name and Stamp	Signature	Month	Day Year
		<i>[Signature]</i>	10	06 2018
* As Applicable				
Copy number with colour code (1)		Purpose (2)		
Copy 1 (Yellow)		To be retained by the sender after taking signature on it from the transporter and other three copies will be carried by transporter.		
Copy 2 (Pink)		To be retained by the receiver after signature of the transporter.		
Copy 3 (Orange)		To be retained by the transporter after taking signature of the receiver.		
Copy 4 (Green)		To be returned by the receiver with his/her signature to the sender.		

Liquid waste Management

Liquid waste management: A high technology sewage water treatment plant treats the sewage water. Around 10 lakh litres of treated water is produced which is used for gardening and vehicle cleaning.

Waste water collected from the entire campus is aerated and then sent to settling tank. Then the sewage water is passed through sand and activated carbon filter followed by aeration. The solid sludge is taken to compost pit. The treated water is used for gardening and vehicle washing.



Hazardous chemicals waste management

Chemicals used in chemistry laboratory are dilute acids only. Otherwise the chemicals are safe and not hazardous.

Radioactive waste and biomedical wastes: -not applicable for the campus.

Ban on plastics

