

WASTE MANAGEMENT PRACTICES

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WASTE MANAGEMENT PRACTICES

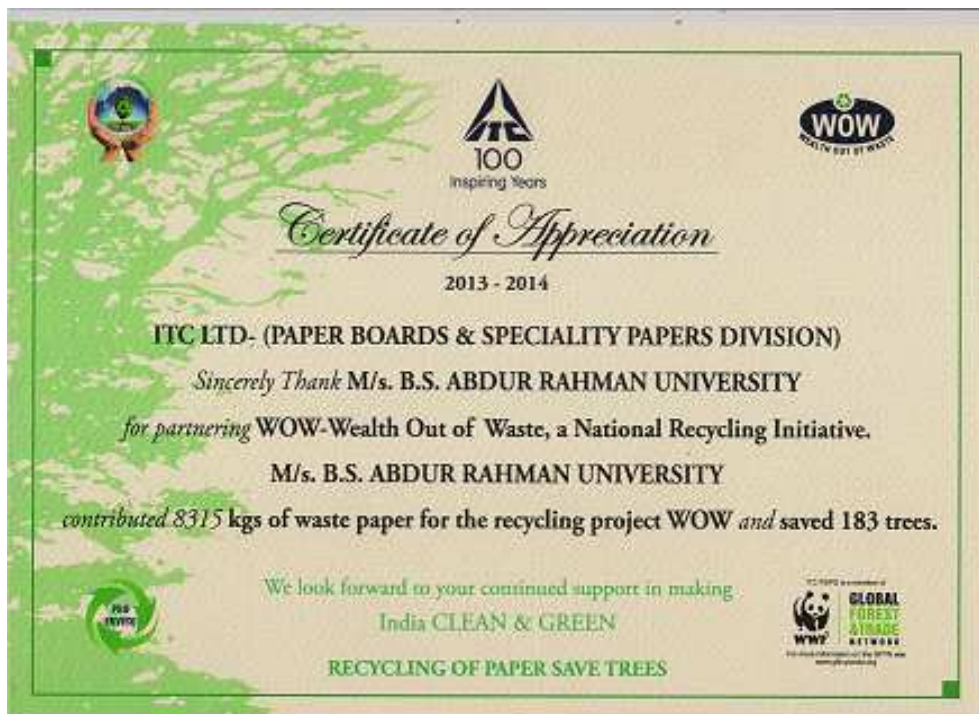
B.S.Abdur Rahman Crescent Institute of Science and Technology takes initiatives to manage the different types of waste generated in the campus. The waste management includes

- Solid waste management
- Liquid waste management
- E-waste management

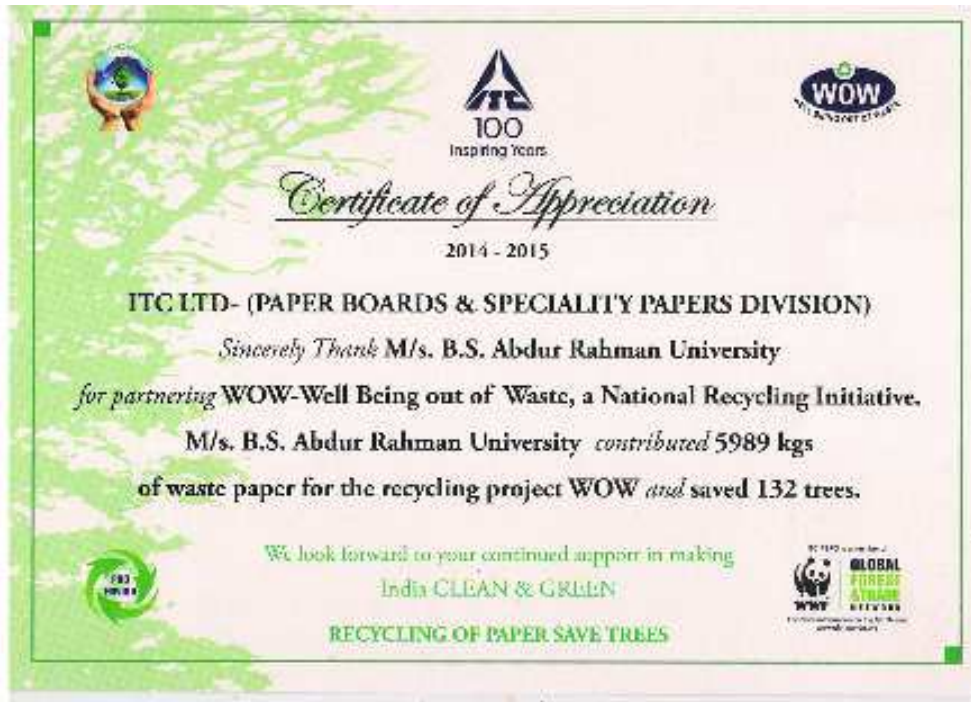
SOLID WASTE MANAGEMENT

The solid waste management project is intended to safely dispose the waste generated at the campus by way of segregating the waste as organic waste, recyclable waste and inert waste and processing the waste thus segregated. The objective is to minimize the waste generation and divert waste from being dumped at any dumping yard to recycling process.

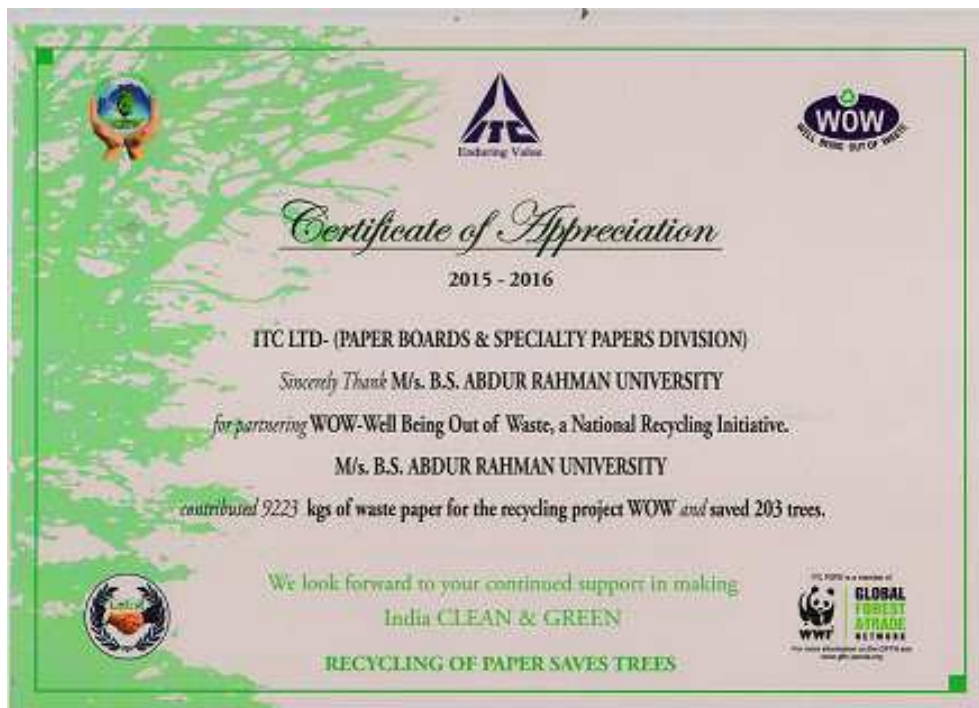
Implementation of solid waste management inside the campus is outsourced to GREEN SERVICES TRUST and an average of Rs 24.0 lakhs per annum is spend towards salary for the staffs.



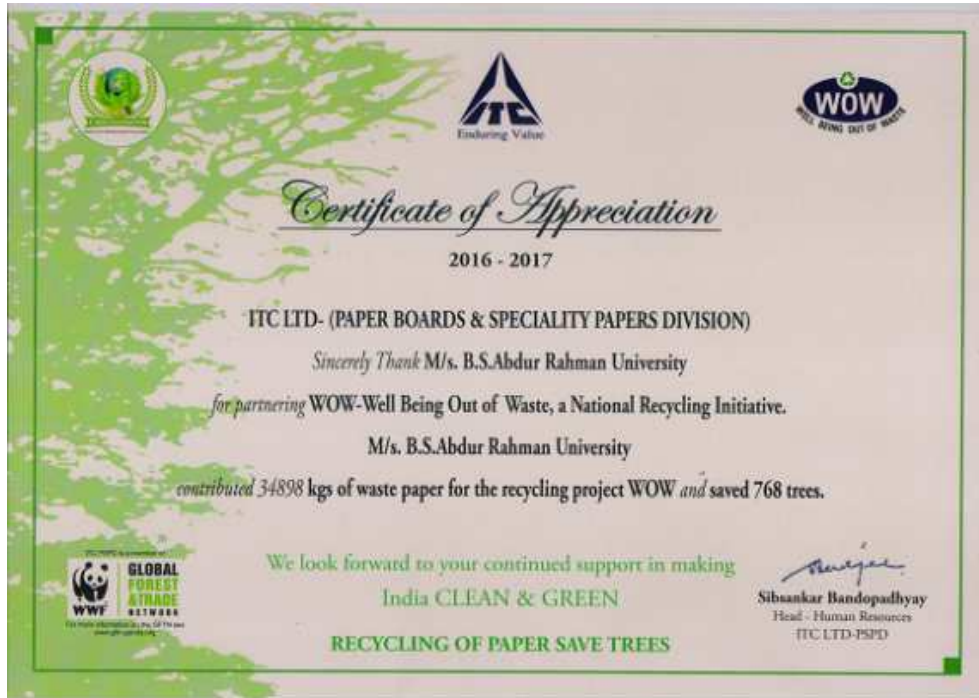
CERTIFICATE OF APPRECIATION FOR RECYCLING PAPER WASTE (2013-2014)



CERTIFICATE OF APPRECIATION FOR RECYCLING PAPER WASTE (2014-2015)



CERTIFICATE OF APPRECIATION FOR RECYCLING PAPER WASTE (2015-2016)



CERTIFICATE OF APPRECIATION FOR RECYCLING PAPER WASTE (2016-2017)



CERTIFICATE OF APPRECIATION FOR IMPLEMENTING SOLID WASTE MANAGEMENT PROJECT (2017-2018)

SOLID WASTE MANAGEMENT



	Decimal	DMS
Latitude	12.875681	12°52'32" N
Longitude	80.084167	80°5'3" E

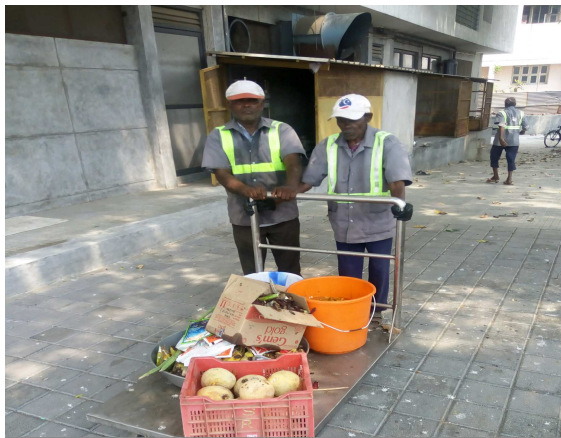
2019-05-29(Wed) 10:56(am)



	Decimal	DMS
Latitude	12.875446	12°52'31" N
Longitude	80.083668	80°5'1" E

2019-05-29(Wed) 10:58(am)

COLLECTION OF SOLID WASTE



	Decimal	DMS
Latitude	12.875746	12°52'32" N
Longitude	80.086157	80°5'10" E

2019-05-29(Wed) 10:29(am)



	Decimal	DMS
Latitude	12.87238	12°52'20" N
Longitude	80.086469	80°5'11" E

2019-05-28(Tue) 04:41(pm)

SEGREGATION OF SOLID WASTE



RECOVERY OF RECYCLABLE WASTE



WINDROW FORMATION AND ROTATION



TRAINING AND AWARENESS PROGRAM FOR HOUSEKEEPERS AND GREEN FRIENDS

BIO-GAS PLANT

A Biogas plant of 50 m³ capacity for Ladies Hostel was commissioned in June 2017 .The gas generated from the plant is utilized for cooking in Ladies Hostel mess Kitchen.



BIOGAS PLANT



FOOD WASTE FEED IN TO BIO GAS PLANT

BIOBOX

Our Institute has established BIO BOX unit of 50Kg/day capacity in association with M/S.Kanyo Group of Companies to generate biogas from various organic solid waste



BIOBOX- Biogas generation unit

PYRO-CRACKER

Our Institute has established Pyro- Cracker unit of 25 Kg/ Batch capacity in association with M/S.Kanyo Group of Companies for thermal pyrolytic degradation of plastic, biomass and mixed garbage.



Pyrolysis unit

INCINERATOR

Incinerator machine has been installed to dispose sanitary napkins. Wet scrubber is attached at the outlet of burner fumes where the fumes gets scrubbed in water and gets filtered to remove the harmful emissions.



INCINERATOR

LIQUID WASTE MANAGEMENT

SEWAGE TREATMENT PLANT – 500KLD

2 nos. of Sewage treatment plants of 250KLD capacity are available, one for Men’s Hostel and one for Institute campus. The STP is of Eco-Bio Block type. The treated water is used for landscaping and toilet flushing purpose.

The sewage treatment plant is working on the principle of attached growth aerobic system (Eco-Bio bricks) followed by sand filter and carbon filter.



SEWAGE TREATMENT PLANT

MIRA CARBON SEWAGE TREATMENT PLANT

Our Institute has established MIRA CARBON SEWAGE TREATMENT PLANT of 2 m³ capacity in association with M/S.Kanyo Group of Companies to treat domestic wastewater generated from the Institute.

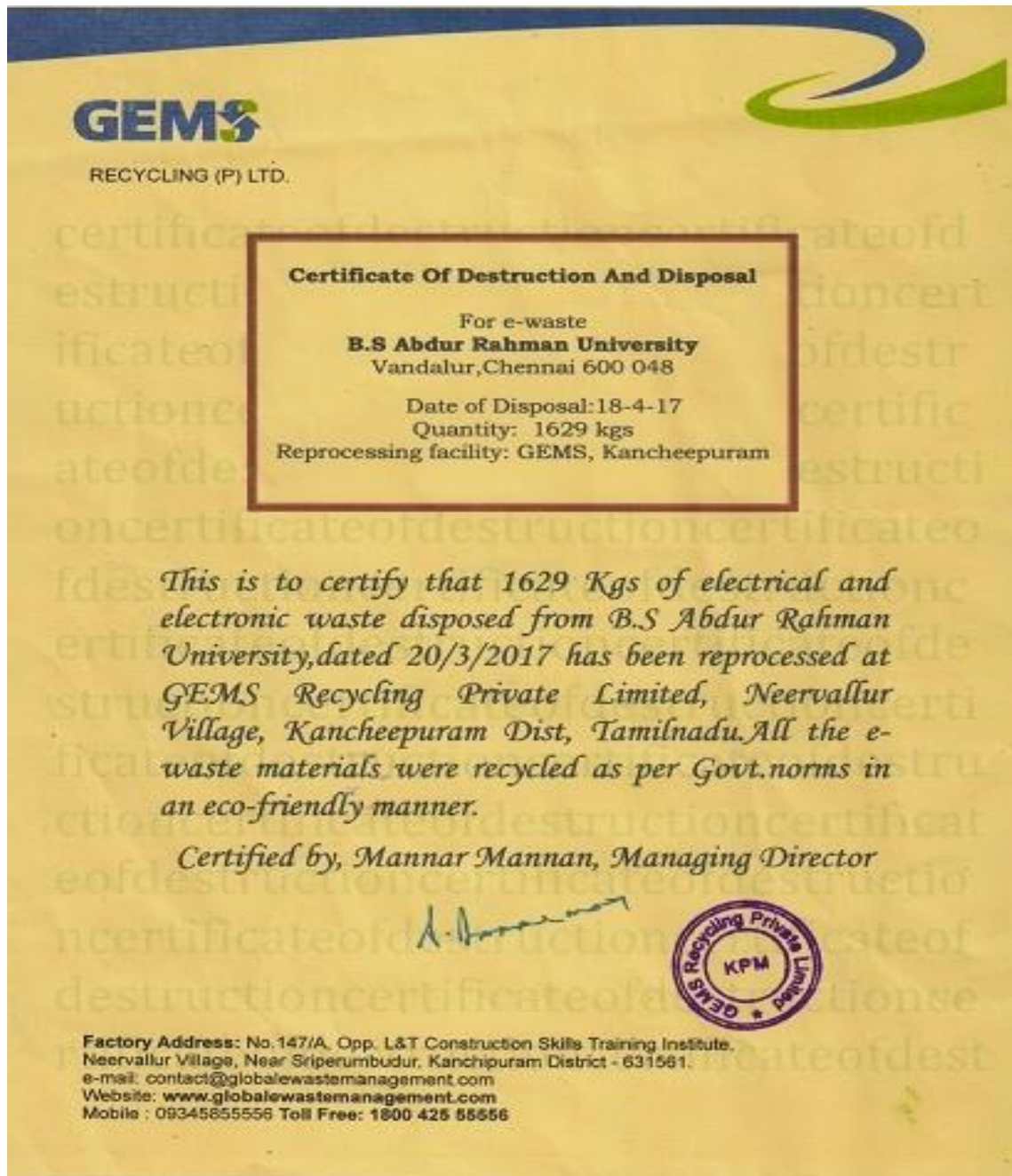


Mira carbon sewage treatment plant

E-WASTE MANAGEMENT

All obsolete electrical and electronic waste is disposed as e-waste to vendors for proper destruction without damaging the environment and certificate for such destruction and disposal are obtained. Totally 2330kg E –waste destructed in the year 2017.

CERTIFICATE FOR E WASTE RECYCLING



CERTIFICATE FOR DESTRUCTION OF E WASTE



Certificate of Destruction

COD No: VGIN170336
 CPCB REG No: B-29016(1881)/1(Reg) 10/HWMD

Company Name: M/s. BS Abdur Rahman Crescent Institute
 Of Science & Technology,
 Company Address: Seethakathi Estate,
 Vandalur, Chennai.
 Company Ref: GP No: 6493
 Date Collected: 14/12/2017
 Date Received: 14/12/2017
 GRN No: VGIN-0555
 Date of Destruction: 28/12/2017

This document certifies that all the below mentioned items were received and processed in an environmentally responsible manner by **Virogreen India Private Limited ., Chennai**

This further certified that the items identified below had been properly disposed in an environmentally responsible manner, utilizing the process and equipment available in accordance with the Company procedures or written instructions where applicable. This "Certificate Of Destruction" is issued based on a series of specific activities; including collection, identification, separation and treatment by mechanical process or manual means, whereby material elements are destroyed from the "ITEMS" for use in the form of raw materials and is deemed no longer fit for original intended purpose, and recycled wherever possible.

Index	Description	Qty
1	E-Waste Scrap	701 Kgs

Person Incharge: A. Mariaponraj
 Designation: Warehouse Manager
 Date: 28/12/2017



Factory : S/No.297/1B-2, No.49, Pappankuppam Village, S.R.Kandigai Road, Gummidiipoondi - 601 201
 Thiruvallur Dist, Tamil Nadu, India. (CIN No: U52392TN2002PTC049211) Phone: +91 - 44-65485915,
 Fax: +91-44-2651 2449, Mob: +91 99408 31313,
 Email: reachus@virogreen.in



CERTIFICATE FOR DESTRUCTION OF BIO MEDICAL WASTE



GJ Multiclave (India) Pvt. Ltd.

(Biomedical Waste Management & Handling Service)

TO WHOM SO EVER IT MAY CONCERN

Destruction Certificate

Date: 19.05.2017

This is to certify that we have destroyed (incineration & treated ETP) the Bio Medical waste /Discarded/Contaminated & Expired Medicine collected from BS ABDUR RAHMAN CRESCENT UNIVERSITY ESRD, U/S OF THE UGC ACT, 1956, GST Road, Vandalur, Chennai - 600 048, Received on 16.05.2017 at our site - No. 245, Thenmelpakkam Village, Chengalpet Taluk, Kancheepuram District, T.N. as per TNPCB norms.

Total Quantity destroyed is 40.500kgs.

For G.J MULTICLAVE (INDIA) PVT.LTD

Authorized Signatory



[Handwritten signature]
29/5/17

Regd. Office : New No. 37, Old No. 20, Teachers Colony, Kamarajar Avenue, Adyar, Chennai - 600 020.
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Website : www.gjmulticlave.com