

<p><b>7.1.3 QM</b></p>	<p><i>Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)</i></p> <ul style="list-style-type: none"> <li>• Solid waste management</li> <li>• Liquid waste management</li> <li>• Biomedical waste management</li> <li>• E-waste management</li> <li>• Waste recycling system</li> <li>• Hazardous chemicals and radioactive waste management</li> </ul> <p><b>Provide web link to</b></p> <ul style="list-style-type: none"> <li>• Relevant documents like agreements/MoUs with Government and other approved agencies</li> <li>• Geo-tagged photographs of the facilities</li> <li>• Any other relevant information</li> </ul>	<p><b>4</b></p>
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## TEXT

Appropriate waste management is one important aspect of sustainability of any unit. TERI SAS, as a university committed to environmental protection as its [core value](#), has steered up its efforts to ensure an appropriate and efficient waste management system in operation. In a campus of 2 acres, waste segregation is visibly exemplified and made possible through sustainable and untiring endeavour collectively by the TERI SAS family including students, faculty members and the administrative staffs.

For smooth and efficient waste management, marked and colour-coded dustbins are placed across the campus ([Annexure 7.1.3.A](#)). These are sent off for disposal and recycling accordingly. Recyclable waste as papers, cardboards, plastics, metals are collected separately and sent for recycling.

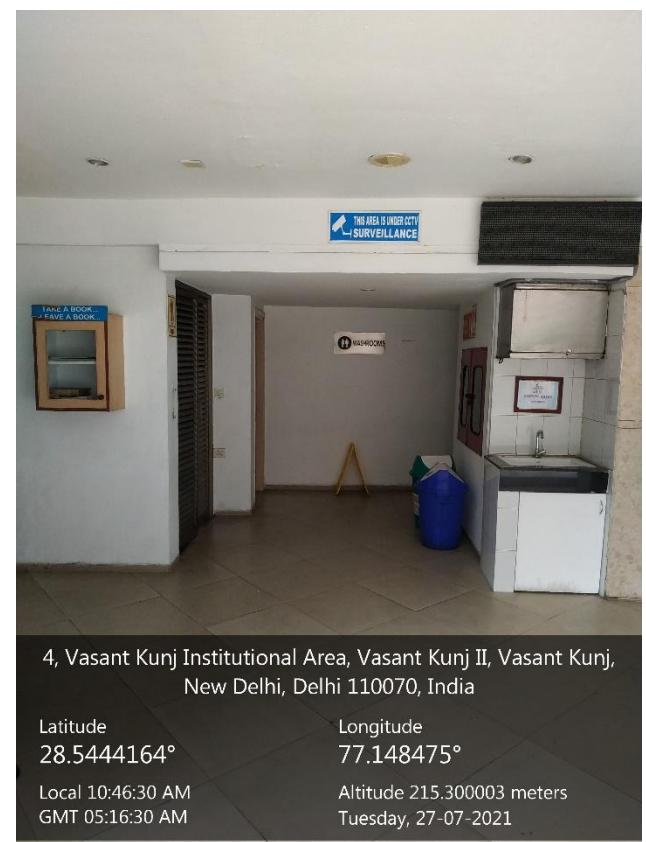
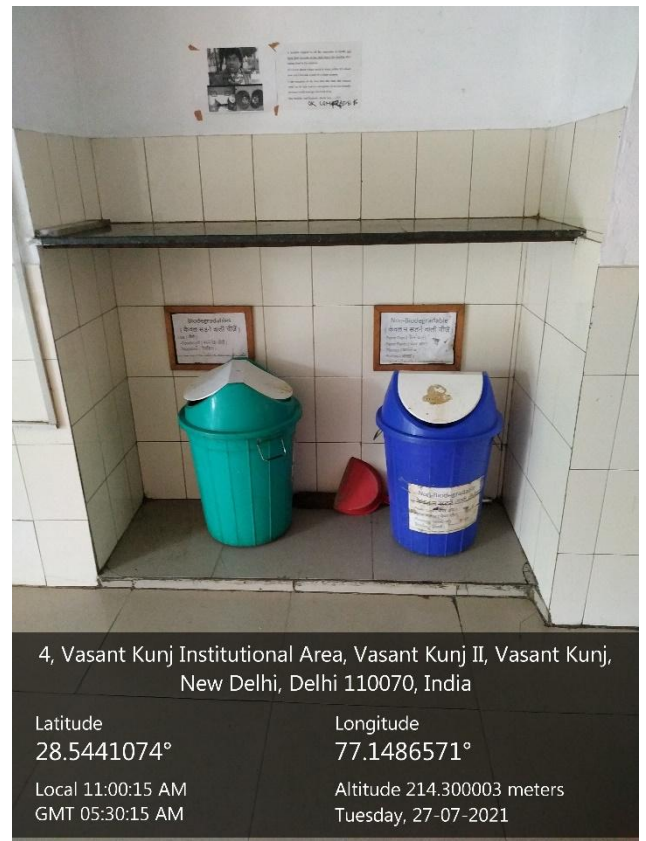
TERI SAS has a very active [Eco Club](#), and eco-friendly management of waste ranging from alternatives of reuse, composting to energy generation is promoted. The waste water generated from the hostel building equivalent to 8 KI/day is treated through efficient biological process using a combination of microorganisms and bio-media filter. The treatment system requires low area and energy. Raw sewage water is usually collected and pumped by the submersible pump provided with the Sewage Treatment Plant ([Annexure 7.1.3.B](#)). The treated water meets the prescribed standards for landscape irrigation and is used for lawns and potted plants at the campus.

For Bio hazard waste generated at Biotechnology laboratories, a contract has been signed with an agency [M/S Biotic Waste Solutions Pvt. Ltd.](#) approved by Government of National Capital Territory of Delhi ([Annexure 7.1.3.C](#)). The agency is engaged in the business of operating a Common Bio-Medical Waste Treatment and Disposal Facility for the reception, transportation, treatment and disposal of bio-medical waste after collection of the same from TERI SAS campus as per the [Bio-Medical Waste Management \(Amendment\) Rules, 2018](#). However, the biotechnology laboratories at TERI SAS do not generate any hazardous chemicals or radioactive waste.

TERI SAS has a well-established system of collecting and disposing off E-Waste collected at the campus. Eco Club student members actively participate in the [E-waste collection drive](#) periodically and also make the TERI SAS family aware about the E-waste and encourage them to dispose their old unused/defected electronic items. Special bins are placed at prominent locations of the campus and encourage staff and students to put their unusable items viz. mobile phones, chargers, computer waste, batteries, etc. in those bins. All the official E-waste items and collected personal E-waste is sent to an organization called [CHINTAN – Environment Research and Action Group](#) ([Annexure 7.1.3.D](#)), for sending to an authorized recycler where processing and recycling is done within laws set forth by the Ministry of Environment, Forest and Climate Change, Government of India.

### 7.1.3.A

#### Geotagged photos of waste management in TERI SAS campus



### 7.1.3.2

### 7.1.3.B

Geotagged photo of Sewage Treatment Plant in TERI SAS campus







BIOTIC WASTE SOLUTIONS PVT. LTD.

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+91-11-47528107info@biotic.co.in  
www.biotic.co.in46-47, SSI Industrial Area,  
GT Karnal Road, Delhi-110033

Biotic Ref ID:4137

**THIS SERVICE AGREEMENT** (the "Agreement") is made on 14/10/2019 by and between:

**BIOTIC WASTE SOLUTIONS PVT. LTD.**, a company incorporated under the provisions of the Companies Act, 1956 having its operating office at **46-47, S.S.I Industrial Area, G.T Karnal Road, Delhi-110033** acting through its authorized representative **Mr. Gorav Kumar**, duly authorized vide board resolution dated 1<sup>st</sup> September, 2016(hereinafter referred to as the "Operator", which expression shall unless repugnant to the context or meaning thereof include its/their business associates, successors, administrators, heirs, permitted assigns, authorized and legal representatives) of the **FIRST PART**;

AND

**TERI School of Advanced Studies .**, having its operating office at **Plot No-10, Institutional Aree, Vasant Kunj NEW DELHI\_VASANT KUNJ** acting through its authorized representative Mr./ Mrs./ Ms./Dr. \_\_\_\_\_, duly authorized (hereinafter referred to as the "Occupier", which expression shall unless repugnant to the context or meaning thereof include its successors, administrators, heirs, permitted assigns, authorized and legal representatives) of the **OTHER PART**;

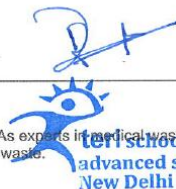
The Operator and the Occupier are hereinafter collectively referred to as the "Parties" and individually as a "Party".

**WHEREAS:**

(A) The Operator is engaged in the business of Operating a Common Bio-Medical Waste Treatment and Disposal Facility for the reception, transportation, treatment and disposal of bio-medical waste after collection of the same from all Occupiers of bio-medical waste as per the Bio-Medical Waste Management (Amendment) Rules, 2018 by way of entering into exclusive service agreements such as the one being entered into.

(B) The Operator has been authorized by the Delhi Pollution Control Committee (DPCC) under Rule 10 of the Bio-Medical Waste Management (Amendment) Rules, 2018 for operating a facility for the Collection, Reception, Transportation, Treatment and Disposal of Bio-Medical waste.

(C) The Occupier is an establishment generating bio-medical waste within the ambit of the definition of an "Occupier" provided under clause 3 (m) of the Bio-Medical Waste Management (Amendment) Rules, 2018.

**Green Clean Process**

Biotic follows all compliances under the Biomedical waste handling rules 2016. As experts in medical waste management, Biotic helps you stay in full compliance regarding the disposal of your regulated waste.

Re - E- Cycle with Chintan

## Certificate of E- Waste Collection

This is to certify that the electronic equipment's donated  
by your organization **TERI School of Advanced Studies** for authorized recycling has  
been received by Chintan Environmental Research and Action Group at their  
collection center located at **A-14, First Floor, G.T. Karnal Industrial Area, Delhi-  
110033**

Chintan Environmental Research and Action Group has taken  
Receipt ownership and responsibility for  
**302.8kgs**, mixed electronic waste from  
Plot No. 10, Institutional Area, Vasant Kunj, New Delhi, Delhi 110070

All the equipment's and components will be sent to an  
authorized recycler where processing and recycling would be  
done within laws set forth by the Ministry of Environmental and  
Forest, Govt. of India, and applicable city.

Date of Collection: 27/04/2018

*Jonaki Goswami*

Authorized Signatory

India Green **Your Karma!**

Re - E- Cycle with Chintan

## Certificate of E- Waste Collection

This is to certify that the electronic equipment's donated by your organization TERI school of Advanced studies, Delhi for authorized recycling has been received by Chintan Environmental Research and Action Group at their collection center located at A-14, First Floor, G.T. Karnal Industrial Area, Delhi-110033

Chintan Environmental Research and Action Group has taken receipt ownership and responsibility for

42 kg mixed electronic waste from

TERI School of Advance studies Plot No. 10, Institutional Area, Vasant Kunj, located at New Delhi 110070.

All the equipment and components will be sent to an authorized recycler where processing and recycling would be done within laws set forth by the Ministry of Environmental and Forest, Govt. of India, and applicable city.

Date of Collection: 18-01-2018

*Rohit B*

Authorized Signatory

Rohit Bidkar

Sr. Assistant Manager

India Green Your Karma!

## Re-E-Cycle with Chintan

### Certificate of E-Waste Collection

This is to certify that the electronic equipment donated  
by your organization.....**TERI UNIVERSITY**.....

for authorized recycling has been received

by Chintan Environmental Research and Action Group  
at their collection center located at.....**A-14 G.T. KARNAL ROAD**.....

Chintan Environmental Research and Action Group has taken  
receipt ownership and responsibility for

.....**130**..... Kg mixed electronic waste from

**TERI UNIVERSITY** located at.....**PLOT NO.10, INSTITUTIONAL AREA  
VASANT KUNJ NEW DELHI**.....

All the equipments and components will be sent to an  
authorized recycler where processing and recycling would be  
done within laws set forth by the Ministry of Environmental and  
Forests, Govt. of India, and applicable city.

Date of Collection:.....**29 MAR 2017**.....

.....  
**[Signature]**  
Authorized Signatory



## Re-E-Cycle with Chintan

### Certificate of E-Waste Collection

This is to certify that the electronic equipment donated  
by your organization...TERI UNIVERSITY.....

for authorized recycling has been received

by Chintan Environmental Research and Action Group  
at their collection center located at...A-14 G.T. KARNAL ROAD.....

Chintan Environmental Research and Action Group has taken  
receipt ownership and responsibility for

.....180..... Kg mixed electronic waste from

TERI UNIVERSITY...located at...PLOT NO. 10, INSTITUTIONAL AREA  
VASANT KUNG NEW DELHI.....

All the equipments and components will be sent to an  
authorized recycler where processing and recycling would be  
done within laws set forth by the Ministry of Environmental and  
Forests, Govt. of India, and applicable city.

Date of Collection:

20-DEC-2016



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Authorized Signatory