

**7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words)**

- a. Solid waste management
- b. Liquid waste management
- c. Biomedical waste management
- d. E-waste management
- e. Waste recycling system
- f. Hazardous chemicals and radioactive waste management

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## Introduction

IIST takes a proactive approach to managing its waste in an environmentally friendly way. The facilities in the institution for the management of the following types of degradable and non-degradable waste are as follows:

**Solid and Liquid Waste:** Garden and kitchen waste are transformed into organic fertilizer through a composting system with four pits. This reduces waste and creates a valuable resource for the institute's own organic farming. Roughly 40–50% of raw material is converted into fertilizer, with 100 kg producing about 30 kg of manure within a month. The chemical and civil departments collaborate to monitor and maintain this process.

**Biomedical Waste:** Sanitary pads and other medical waste are disposed of in specialized incinerators, including a dedicated one in the girls' washroom for sanitary pads.

**E-Waste:** IIST prioritizes e-waste reduction through several initiatives. Old computers are donated to physically disabled students and staff, scrap parts are resold to repair shops, and small e-waste like wires and microchips is collected in separate bins.

**Waste recycling system:** We have compost pits. Composting is a natural process that transforms organic waste, like food scraps and yard trimmings, into nutrient-rich fertilizer. It's a potent tool for waste management with numerous benefits.

**Hazardous chemicals and radioactive waste management:** There is no Hazardous chemicals and radioactive waste management in the college.





## Management of the various types of degradable and non-degradable waste

The facilities in the Institution for the management of the following types of **degradable and non-degradable waste** are as follow:

1. Solid waste management
2. Biomedical waste management
3. E-waste management

### Solid Waste Management

The garden waste and kitchen waste of the Institute is converted into organic fertilizer. Organic fertilizer is being produced in a specific area where we have four composting pits. In the institute a huge amount of organic waste is produced in routine, and it is managed properly. Most of these wastes are biodegradable and can be converted into valuable resources that reduce their negative impacts. As a output of this composting process organic fertilizer is produced which is used in organic farming of the institute.

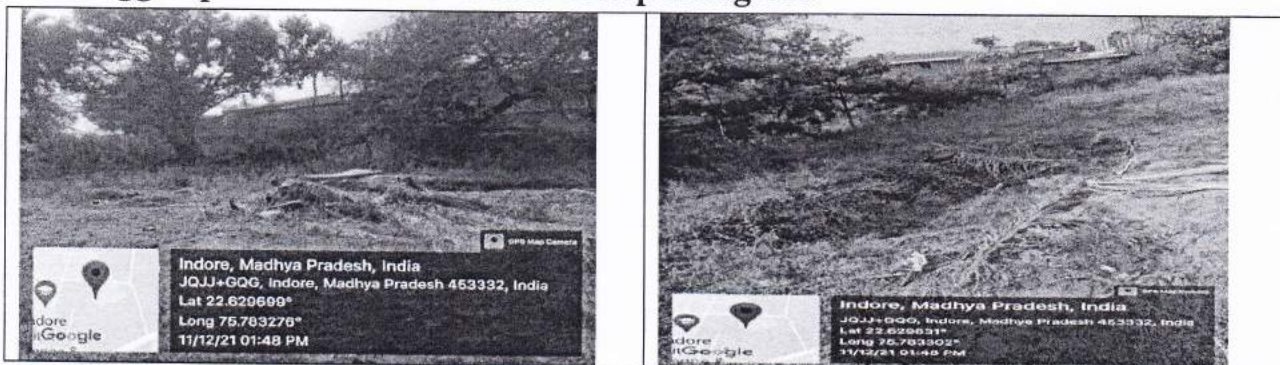
#### Approx. Production Capacity after decomposing

Approximately 40-50 % weight conversion of raw material into organic fertilizer is achieved. About 100 Kg raw materials produce approx.30 kg organic manure within a month. This process is monitor by Chemical department and maintained by civil department.

**Organic fertilizer in market: -Rs. 30 to 50/- Per Kg.**

**Organic fertilizer, which is produced in IIST campus: - Approx. Rs. 15/- per kg**

#### Geotagged photo for Solid Waste Composting Pits







### Geotagged photo for Segregation of garbage

Institute is part of Indore District (Indore City) which is Fifth time cleanest city in India. Although the institute is in rural area, but follows all guideline and norm defined by Municipal Corporation of Indore.

As a best practice we collect the “Gila Kachra” and “ShukhaKachra” generated in the campus into the separate green colored and blue colored dustbins, and then the “SukhaKachra” is sent to the Nagar Palika for further processing, and “Gila kachra” is composed in the campus itself for generating organic manure as described above. Total 30 dustbins are placed at different locations. (16 Outside and 14 In Main building).

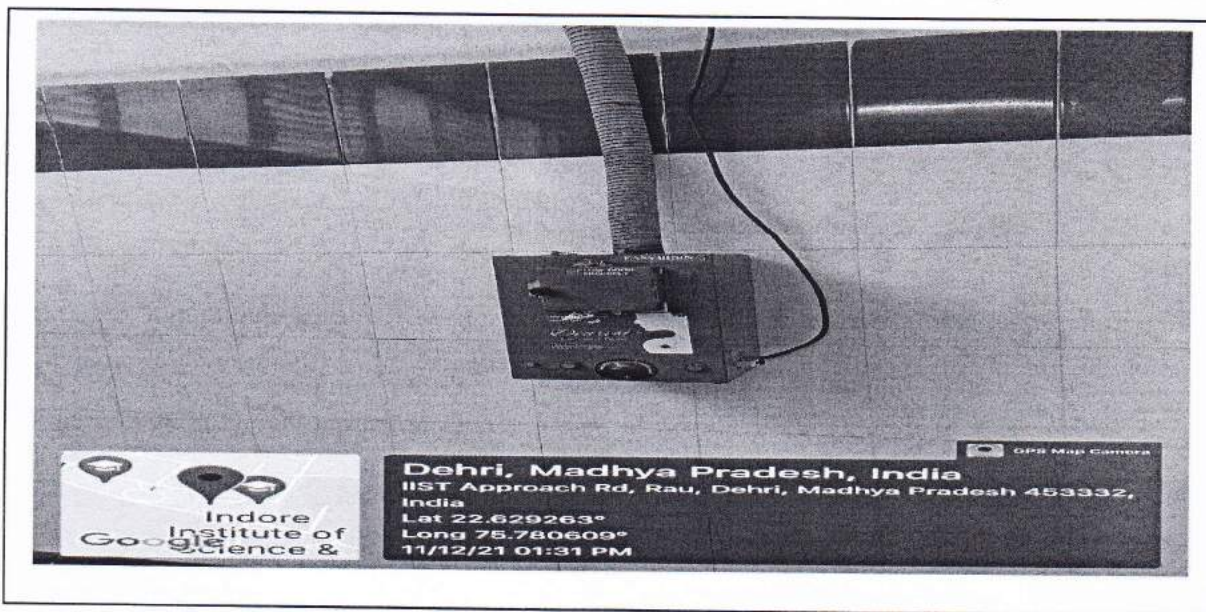






## Biomedical Waste Management

Biomedical waste like sanitary pads and other medical waste are incinerated in incinerators. For the disposal of sanitary pads, we have a separate sanitary pad incinerator in the girl's washroom.



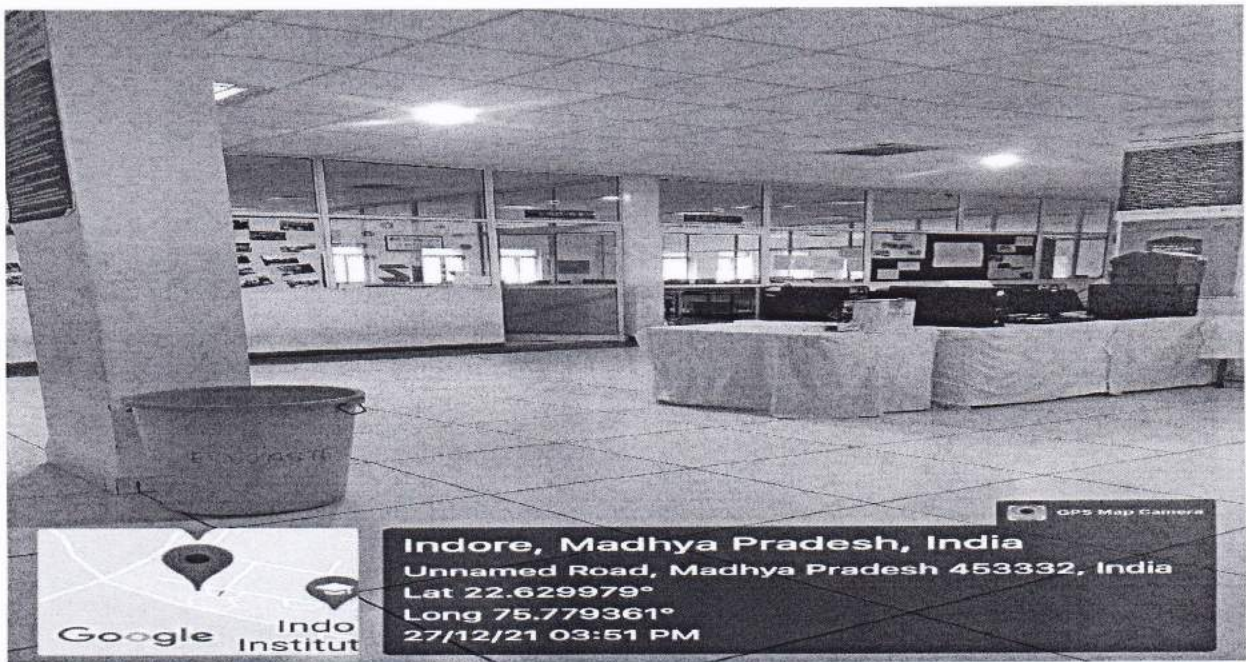
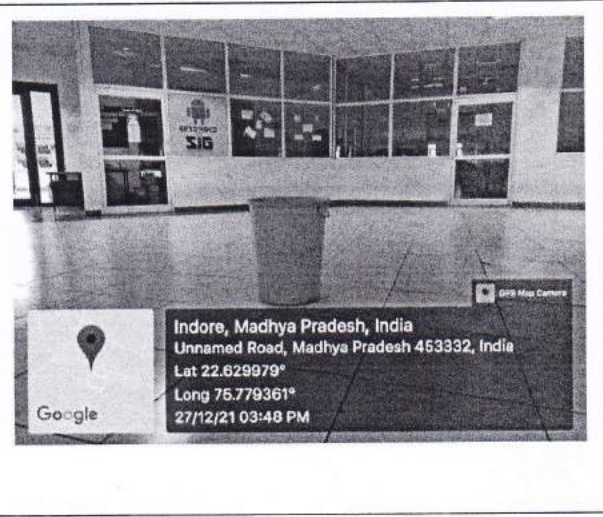
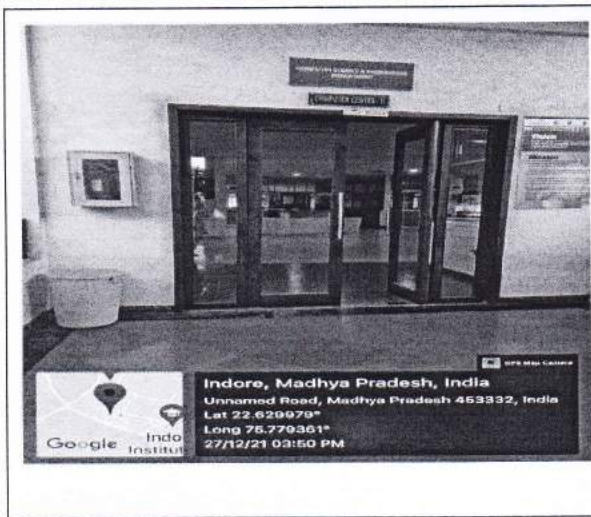
## E- Waste Management

The Indore Institute of Science and Technology, Indore has undertaken a number of E-waste Management initiatives with the objective of creating an eco-friendly environment in the campus. The institute has donated the old computers to the physically disabled students and peons. Apart from that the scrap parts of the machines has been resold to the computer servicing



shops to reduce the amount of e waste. And there is a separate collecting dustbin for the small e waste like microchips wires etc.

### Separate Dustbins for Collection of E-waste





**MoU between Unique Eco Recycle and IIST for e-waste.**

**STAKEHOLDER REGISTRATION FORM**

Unique Eco Recycle is the first unit in M.P. which is authorized by pollution control Board to collect, storage, transport and processing of e-waste from anywhere in India. Unique Eco Recycle (UER) is committed to initiate a social responsible assessment towards electronic waste.

Unique Eco Recycle (UER) procures e-waste materials and components on a regular basis from suppliers spread all over India.

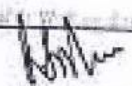
New suppliers and traders (only those who are self-authorized representatives of OEMs), who would give UER competitive inputs, are now being added as vendors to the list of existing suppliers. For an initial assessment and compliance with UER, suppliers may get registered by submitting completed forms to contact person.

This vendor registration is available exclusive to vendors who wish to take part in the e-procurement initiative. Upon evaluating your application, we shall get touch with you.

**Company's Information**

Name of company	Shrii Educational and Welfare Society, Indore
Contact person / designation	Mr. Parvat Singh Duggal, Indore
Company profile	Shrii Educational and Welfare Society is running three institutes (IIST, IIP, IIMR) in Indore
Type of business/ year of commencement of manufacturing	Educational Institute Indore Institute of Science & Technology (IIST) – establish in the year 2003 Indore Institute of Pharmacy (IIP) – establish in the year 2004 Indore Institute of Science & Technology (IIMR) – establish in the year 2011
Corporate address	Indore Institute of Science & Technology, Opp. I.I.M. Rau-Pithampur Road, Garam Dehari, Indore-453333
Factory address	Indore Institute of Science & Technology, Opp. I.I.M. Rau-Pithampur Road, Garam Dehari, Indore-453331
Corporate Tel no.	07314010570 (Parvat Singh Duggal)
Factory Tel no.	07314010570 (Parvat Singh Duggal)
Mobile no.	
Email address	office@indoreiist.ac.in
Name of person who is responsible for disposal.	Mr. Sharawan Nandoo for Electrical - 9896071483 Mr. Nilesh Malik for IT - 9836016090
Designation & email	Mr. Sharawan Nandoo@indoreiist.ac.in nileshmalik@indoreiist.ac.in
Tel. & Mobile no.	07314010515 (IT)

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For Shrii Educational and Welfare Society  
  
Accounts Manager



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STAKEHOLDER REGISTRATION FORM

GST Reg. No.	NA
Excise/Tax Reg. No.	NA
Excise Range	NA
Jurisdiction code	NA
Commissionate (Excise)	NA
Service Tax Reg. No.	NA
PAN No.	AAR6837000
DIC Reg.no.	NA
SSI/MSMED Reg.No.	NA
TIN No.	NA
Firm Reg. No.	NA
Labour Licence No.	NA
CATEGORY OF VENDOR (mandatory) i.e. Manufacturer/processor Wholesale service provider/trade etc	Wholesale
Govt. Body/SSI/MSMED Large scale Indus. Labour contractor	Educational Institute
Quality capabilities :- (ISO Certificate)	NA
Bank Account Detail :- Name of bank	Shri Educational and Welfare Society, HDFC Bank
Account No.	7020049160438
Branch name & address	Siyaganj, M.G. Road, Indore
IFSC code of branch	HDFC00001703

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*Handwritten signature*





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**STAKEHOLDER REGISTRATION FORM**

**Types & Quantity of electronic & electrical waste generated by co.**

Electronics & Electrical Waste (WEEE)

**Types & quantity of E-waste you have :**

**Terms of registration**

01. The company who wants to register from UER would fill up the form and deposited sum of money Rs.20,000/- + 18% GST. Rs. 3,600/- = 23,600/- ( by DEM/cheque) in favor of " Unique Eco Recycle" payable at Indore, towards Registration fees for three years.
02. The sum of money deposited by customer would not refundable or adjustable at any condition.
03. Customer will have to inform us, when any changes in address or telephone no. occurs.
04. Attach enclose photocopy of above information.
05. All the payment should be drawn in favor of "Unique Eco Recycle" payable at Indore.
06. UER should provide technical guidance to our Reg. members for handling e-waste.
07. After Registration you have to Dispose your unit E-waste through Unique Eco Recycle only. As per UER Policy.

**DECLARATION :-**

I/We hereby declare that all the information filled in the form is true and copies of required documents mentioned in annexure I will be made available for verification.

Signature & Stamp of vendor

Name Rajesh Bhargava  
 Designation GM-Finance



Date

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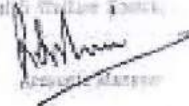


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**STAKEHOLDER REGISTRATION FORM**

**ANNEXURE-I**

01. SSI Registration letter / company registration letter - Anx 1
02. Excise Registration letter / service Tax Registration - NA
03. VAT / CST Registration certificate - NA
04. PAN card photocopy - Anx 2
05. Factory License or shop and Establishment registration - Anx 1
06. Certificate of pollution control board - NA
07. Certificate of industrial waste management company - NA
08. Details of Directors / owner / partner in following format :- Anx 3

For Sign: Educational Welfare Society,  
  
 Authorised Signatory

**Certificate of membership for e-waste with unique eco recycle.**

**Certificate of Membership**

Date : .15/04/2021...

This is to certify that M/s ..*Shrii. Educational and Welfare Society, Indore.....*

has completed formalities for taking membership of Unique Eco Recycle. We are pleased to acknowledge your Membership No. *uer/E-waste/A-147/2022.....*

Now you are liable to give e-waste to our company as per schedule plan. Your membership comes in effect from *.15/04/2021. and. expire 14/04/2024.*

Membership is granted for disposed off e-waste in scientific and eco friendly manner.



UNIQUE  
**ECO**  
RECYCLE  
*save earth by recycling*



For UNIQUE ECO RECYCLE



Authorised Signatory

Corp. Office: 41, Sikh Mohalla, M.G. Road, Near Kothari Market Square, Indore (M.P.) India Website: [www.uerindia.com](http://www.uerindia.com)





### **Waste recycling system**

We have compost pits. Composting is a natural process that transforms organic waste, like food scraps and yard trimmings, into nutrient-rich fertilizer. It's a potent tool for waste management with numerous benefits.

### **Hazardous chemicals and radioactive waste management**

There is no Hazardous chemicals and radioactive waste management in the college.

