

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)

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7.1.3 Describe the facilities in the institution for the management of degradable and non-degradable waste:

Solid waste management:

- Pollution from waste is aesthetically unpleasing and results in large amounts of litter in our communities which can cause health problems.
- Solid waste can be categorized into three types: biodegradable, non-biodegradable and hazardous waste.
- Bio-degradable wastes include food wastes, canteen waste, wastes from toilets etc.
 Non-biodegradable wastes include plastic, tins and glass bottles etc. Hazardous waste
 is waste that is likely to be a threat to health or the environment like cleaning
 chemicals, acids and laboratory chemicals.
- Each and every department of our institute as well as offices staff create some waste and dumped in small waste bin located in the department.
- In our building several dust bins are placed from where housekeeping staffs take the
 wastes. From the small bin wastes are dumped in big bin by the housekeeping staffs
 regularly. From the big waste bins the vehicles from Rangwasa Gram Panchayat
 took the solid wastes.
- Bio-degradable wastes are effectively converted to fertilizer at a very small scale in our laboratories by composting technology inside the campus and given a proposal to design and execute a small plant for producing organic fertilizer from garden waste and kitchen food waste.
- The use of fertilizers will provide an environmentally friendly, naturally sustainable, safe and affordable means for maintaining soil fertility and increasing crop production. After segregation of biodegradable waste from canteens, residential quarters, Hostel and guest houses are collected and dumped in the composting unit in the campus.
- Institute discourages uses of plastic; particularly single use plastics in campus.
- Institute also produces lot of paper waste. Paper wastes from Academics, Library, exam department, Administrative offices, Hostels, Guest Houses are disposed through vendors.
- The wastes are properly stacked in designated place and later disposed through vendors for proper waste management. We use single printed paper for stationary in office and other required work.

BIODEGRADABLE WASTE:

Conversion of Biodegradable waste in our Laboratory

IQAC

Biodegradable waste is converted to fertilizers in a small-scale lab in IIP. It involves
processes such as composting or anaerobic digestion for breaking down organic
materials into valuable product.

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Procedure: Materials are collected, chopped into smaller pieces. They are packed in layers in the compost bin or pile alternating between green material (food scraps) and brown material shredded newspaper or dry leaves. It is kept moist and aerated. After few weeks, the compost is ready for use as fertilizer.

Liquid waste management:

 Liquid waste is generated from Science laboratories, Hostels, Residential quarters and canteen. Liquid wastes generated by the institute are of two types: 1. Sewage waste. 2.
 Laboratory, residential washing and canteen effluent. The liquid wastes are mainly drained to improve the ground level of water.

E-waste management

- Indore Institute of Pharmacy has very efficient mechanism to dispose E wastes generated from various sources.
- E-wastes are generated from computer laboratories, various Labs, Academic and Administrative Offices.
- The e-waste includes out of order equipment or obsolete items like lab instruments, circuits, desktops, laptops and accessories, printer, charging and network cables, Wi-fi devices, sound systems, display units, UPS, Biometric Machine, scientific instruments etc. All these wastes are put to optimal use.
- All such equipment's which cannot be reused or recycled is being disposed off and managed by Unique Eco Recycle Company.
- Instead of a new procurement Buy-Back option is preferred for technology up gradation.

Waste Recycling System:

- Degradable solid waste collected from cafeteria, Boys and Girls Hostels, Guest Houses, canteen and from Residential Quarters is dumped in the decomposing Unit to make some Organic fertilizer which is used for Gardening and agriculture.
- The waste produced in our canteen and lawns is disposed in four decomposing pits for the production of organic manure.

Hazardous Chemicals System:

The hazardous chemicals used in laboratories are managed by our store department.
 Acids and other harmful chemicals are issued in control register by technician only.
 The used acid is drained in drainage system by diluting in the ratio of 1: 10.

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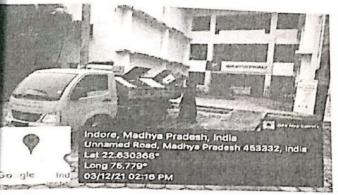
Indore basinese of Pharmacy.





7.1.3 Management of Waste at IIP

Dry and Wet Waste Management





Different types of Waste Management













Certificate of Membership

Date: .15/.04/.2021...

This is to certify that M/s .. Shail. 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 exipxe. 14/.04/.2024.

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









Indore Institute of

There is an requirement of properly disposing e-waste (Electronics and Electrical) of HST-IIP-IIMR. This e-waste has to be handled by a state government and pollution control board authorised agency. This will be as per the green policy of the

M/s Unique Eco Recycle, Palda, Indore is an authorised agency certified by the above statutory bodies.

The agency has been associated with many industries, colleges and universities in Indore IIST-IIP-IIMR has been in contact with Unique Eco Recycle for the past some time for awareness of e-waste management. A formal MOU is to be signed between them and Shall Group of Institutions, comprising IIST-IIF-IIMR,

A meeting with Dr. Fazal from Unique Eco was scheduled and done, with the undersigned representatives of HST-HP-

After initial talks, MOU terms were discussed;

- The MOU will be of 3 Years duration.
- A verbal assurance was given by Dr Fazal for extending the MOU for 6 month, as a special provision.
- The MOU will be between SEWS (representing IIST-IIP-IIMR) and Unique Eco Recycle.
- The handling of the e-waste will be done under the guidance and supervision of Unique Eco Recycle.
- All the statutory norms of filing and record keeping will be done by IIST-IIP-IIMR, with the guidance of Unique
- Unique Eco Recycle will conduct various awareness programs for the stakeholders of SWES for e-waste management.
- The agreed cost of the Association and MOU (for 3 Years) is Rs 20,000/.

The meeting was ended with the agreed points

Dr. Keshay Patidar-Principal IIST

Dr. Dinesh Mishra-Principal IIP Dr. Simranjeet K. Sandhar Principal IIIMR

Puncet S Duggal



क्षेत्रीय कार्यालय

म.प्र. प्रदूषण नियत्रण बोर्ड

स्कीम नं 78, पार्ट–2, अरण्य, विजयनगर, इंदौर (म.प्र.) – 452010 2 0731-4035618, 2555436 Fax: 0731 - 4035618 e-mail: romppcb indore@rediffmail.com, website: www.mppcb.nic.in क्रमांक ५ ५५ / क्षे.का. / तक.शा / ई-वेस्ट / 2022 प्रति. इंदौर, दिनांक2 4/82/2022

Director/Proprietor, Indore Institute Of Science & Technology Pithampur Road, Opposite Indian Institute Of Mgt.,

विषय :- बल्क कन्ज्यूमर द्वारा ई-अपशिष्ट (प्रवंधन) नियम, 2016 के क्रियान्वयन बाबत्। संदर्भ :- ई-अपशिष्ट (प्रबंधन) नियम, 2016

उपरोक्त विषयांतर्गत विदित हो की भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली द्वारा अधिसूचना क्रमांक जीसआर 338(ई) दिनांक 23/03/2016 द्वारा ई-अपशिष्ट (प्रबंधन) नियम 2016 प्रकाशित किया गया हैं जो सम्पूर्ण भारत में दिनांक 1 अक्टूबर 2016 से प्रभावशील है।

कृपया नियम की कंडिका 3 (पी) एवं अनुसूची 1 का अवलोकन करें। नियम की कंडिका 9 के प्रावधान अनुसार आपकी इकाई / संस्था से निकलने वाले ई-अपिशष्टं (इलेक्ट्रानिक एवं इलेक्ट्रकल वेस्ट) का फार्म—2 में रिकार्ड रखा जाना आवश्यक है तथा ई—वेस्ट निपटान का फार्म—3 में वार्षिक प्रतिवेदन (1 अप्रैल से 31 मार्च तक) संबंधित राज्य प्रदूषण नियंत्रण बोर्ड को प्रतिवर्ष 30 जून तक प्रस्तुत करना अनिवार्य है।

मध्य प्रदेश शासन, सूचना प्रोद्योगिकी विभाग ने दिनांक 08/08/2014 को पत्र क्रमांक एफ-02-01/2010/56 द्वारा इलेक्ट्रानिक वेस्ट (ई-वेस्ट) को सुरक्षित निवर्तन के संबंध में निर्देश जारी किये थे कि ई-वेस्ट को निविदा/नीलामी कर कबाड के रूप में बेच दिया जाता है जो कि नियम विरूद्ध है। ई-वेस्ट को मध्य प्रदेश प्रदूषण नियंत्रण बोर्ड द्वारा अधिकृत डिस्मेंटलर, रिसायकलर्स को ही दिया जावे। म.प्र. राज्य में अधिकृत रिसायकलर्स मेसर्स यूनिक ईको रिसायकल, प्लॉट नं 26, औद्योगिक क्षेत्र, पाल्दा, इन्दौर एवं डिस्मेंटलर मेसर्स मूनस्टॉर इंटरप्राइसेस प्रा. लि., प्लॉट नं 24/ए, सेक्टर-बी, सांवेर रोड, इन्दौर है।

उपरोक्त नियम के उल्लंघन पाये जाने पर पर्यावरण (संरक्षण) अधिनियम 1986 की धारा 15 के प्रावधानों के तहत् इसे दण्डनीय अपराध घोषित किया गया है जिसके अंतर्गत 5 वर्ष तक की केंद्र व एक लाख रूपये का जुर्माने का प्रावधान है।

अतः आपको निर्देशित किया जाता है की उपरोक्त के परिपेक्ष्य में ई—वेस्ट निष्पादन हेतु आवश्यक कार्यवाही करे एवं वर्ष 2021-22 के अंतराल में उत्पन्न ई-वेस्ट का विवरण (फार्म-3) में भरकर 15 दिवस के भीतर वार्षिक प्रतिवेदन इस कार्यालय में प्रस्तुत करें। प्राथमिकता के आधार पर कार्यवाही सुनिश्चित करें।

अन्यथा नियमों के उल्लंघन पाये जाने पर प्रावधान अनुसार कार्यवाही सुनिश्चित की जावेगी।

प्रभारी अधिकारी, ई-वेस्ट



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 processes of e-waste from anywhere in India. Unique Eco Recycle (UER) is committed to initiate a social responsible movement towards electronic waste.

Unique Eco Recycle (UER) procures e-waste materials and components on a regular basis from suppliers

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

This vender Registration is available exclusive to venders 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	Shail Educational and Welfare Society, Indore				
Contact person / designation	Mr. Puneet S Duggal, Indore				
Company profile	Shail 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, Gram Dehri , Indore- 453331				
Factory address	Indore Institute of Science & Technology, Opp. I.I.M. Rau-Pithampur Road, Gram Dehri , Indore- 453331				
Corporate Tel no.	07314010570 (Puneet Singh Duggal)				
Factory Tel no.	07314010570 (Puneet Singh Duggal)				
Mobile no.					
Email address	dgoffice@indoreinstitute.com				
Name of person who is responsible for disposal.	Mr. Sharawan Namdeo for Electrical - 909807183 Mr. Nilesh Naik for 1T- 9826016090				
Designation & email	shravan.namdeo@indoreinstitute.com systemadministrator@indoreinstitute.com				
Tel. & Mobile no.	07314010515 (IT)				

for Shall Educations! N Principal Indore Institute of Pharmacy, INDORE (M.P.)

Cont. page .no.2.....



	PAGE NO. 2 STAKEHOLDER REGISTRATION FORM
GST Reg. No.	NA
Excise/Ecc Reg. No.	NA
Excise Range	NA
Juridiction code	NA
Commissionrate (Excise)	их
Service Tax Reg. No.	NA
PAN No.	AABAS3763Q
DIC Reg.no.	NA
SSI/MSMED Reg.No.	NA
TIN No.	NA
Firm Reg. No.	NA
Labour Licence No.	NA
CATEGORY OF VENDER (mandatory) i.e. Mnufacture/processor bulk user //service provider/trade etc	Bulk User
Govt. Body/SSI/MSMED /large scale Indus. /labour	Educational Institute
Quality capabilities :- (ISO Certificate)	NA
Bank Account Detail :- Name of bank	Shall Educational and Welfare Society, HDFC Bank
Account No.	50200049169488
Branch name & address	Siyaganj , M.G. Road ,Indore
FSC code of branch	HDFC0003763





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Page no 3

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 DD/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. Attache 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.
- After Registration you have to Dispose your unit E-waste through Unique Eco Recycle only. As per UER Policy.

DECLARATION :-

If 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 vender

Name

Rajesh Bhandari

or Shark & Mandows

Designation (

Accounts Manager

Date

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

Cont. page .no 4



Page No. 4

STAKEHOLDER REGISTRATION FORM

ANNEXURE-I

- 01. SSI Registration letter / company registration letter.-Anx I
- 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 I
- 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 Shall Educational No

INDORE (M.P.)



IQAC

Indore Institute of Pharmacy

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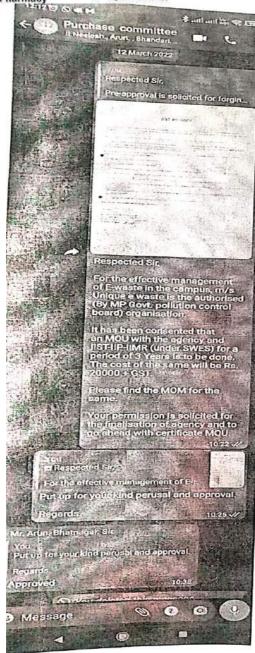
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* ****		या धारक को 23,600/-
अवा करें	₹	20,000/
For SHAI	(2)	TIONAL AND WELFARE SOCIETY
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Corp. Office: 41, Sikh Mohall, M.G. Road, Near Kothri
Market Square, Indore 452007 (M.P.)
Tel.: +91 731 3043676, 3085700, 2542967
Mob.: +91 94250 72692, 98930 90960

Helpline No. : 8120888898

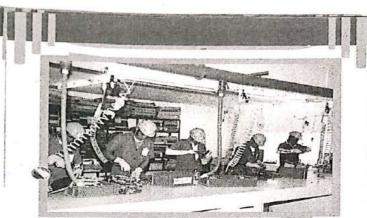
web site : www.uerindia.com, E-mail : fazal@uerindia.com







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Advanced Dismantle Table

Alerenti We

- Unique Eco Recycle is first and only integrated e-waste recycling plant in MP which is authorized by Govt.
- Highly efficient and environment friendly recycling with minimum landfill.
- Adopt 3 R (Reuse, Reduce, Recycle) policies for management of e-waste.
- Advanced data security and distraction system.
 High quality refurbished system for extended value our research and development team are working Continuously to improve the process and archive the goal to protect the earth from harmful effect of ewaste.

What is E-Waste

This may be defined as all secondary electronic and electrical equipments are discarded by their original owner, Or those electronic or electrical equipments/products that connect with power plug or batteries.

IQAC





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- Inspection of material on customer's request.
- Safe Collection.
- Safe logistic services.
- Give appropriate sum of money to stack holders for their material.
- Data security services.
- E-waste recycling, refurbish, repair and reuse.
- Provide certificate for e-waste disposal to the stack holders.
- Organize work shop for awareness of e-waste.
- Give training for safe handling of e-waste.
- We trained informal sectors for safe e-waste handling &separation of e-waste.

Category of E-Waste Products

- COMPUTER, PRINTER
- LAPTOP
- a TELEVISION
- . LCD, LED, CRT MONITOR
- · AIR CONDITION
- WIRE CABLE TRANSFORMER
- UPS, ELECTRIC MOTORS
- FAN, COOLER
- LAB EQUIPMENTS
- . SECURITY DEVICES
- TELEPHONE, MOBILE
- SWITCH AND PANELS
- AUDIO VIDEO EQUIPMENT
- MEDICAL DIAGNOSIS MACHINE
- TELECOMMUNICATION MACHINES
- POWER-PLANT ELECTRIC BASE INSTRUMENTS













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**Resistant - Under 1997 2191







Affiliated to SGPV Should (Approved by AKTE) New Debi S. PC(New Oath)
Secisles - Under USC 216)













Our E-Waste collection VAN



UNIQUE ECO RECYCLE

Corp. Office: 41, Sikh Mohall, M.G. Road, Near Kothri Market Square, Indore 452007 (M.P.)

Tel.: +91 731 3043676, 3085700, 2542967 Mob.: +91 94250 72692, 98930 90960

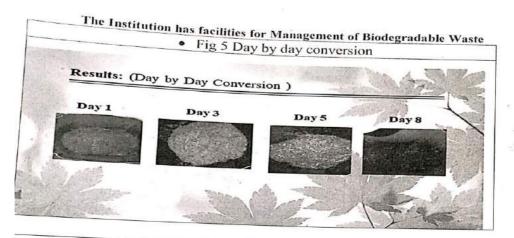
Helpline No.: 8120888898

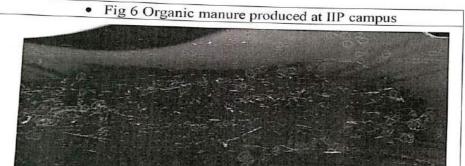
web site : www.uerindia.com, E-mail : fazal@uerindia.com



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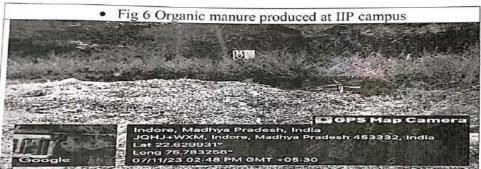






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Hazardous Chemical Waste Management





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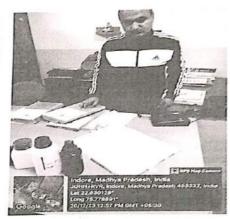




Indore Institute of







Hazardous chemical Storage



