



*Shri Shivaji Education Society Amravati's*  
**Jijamata Mahavidyalaya, Buldhana**



**7.1.3 Facilities in the Institution for the management of the degradable and non-degradable waste**

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## *Geo Tagged Photographs of the Facilities*

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

#### **i. Solid waste management**

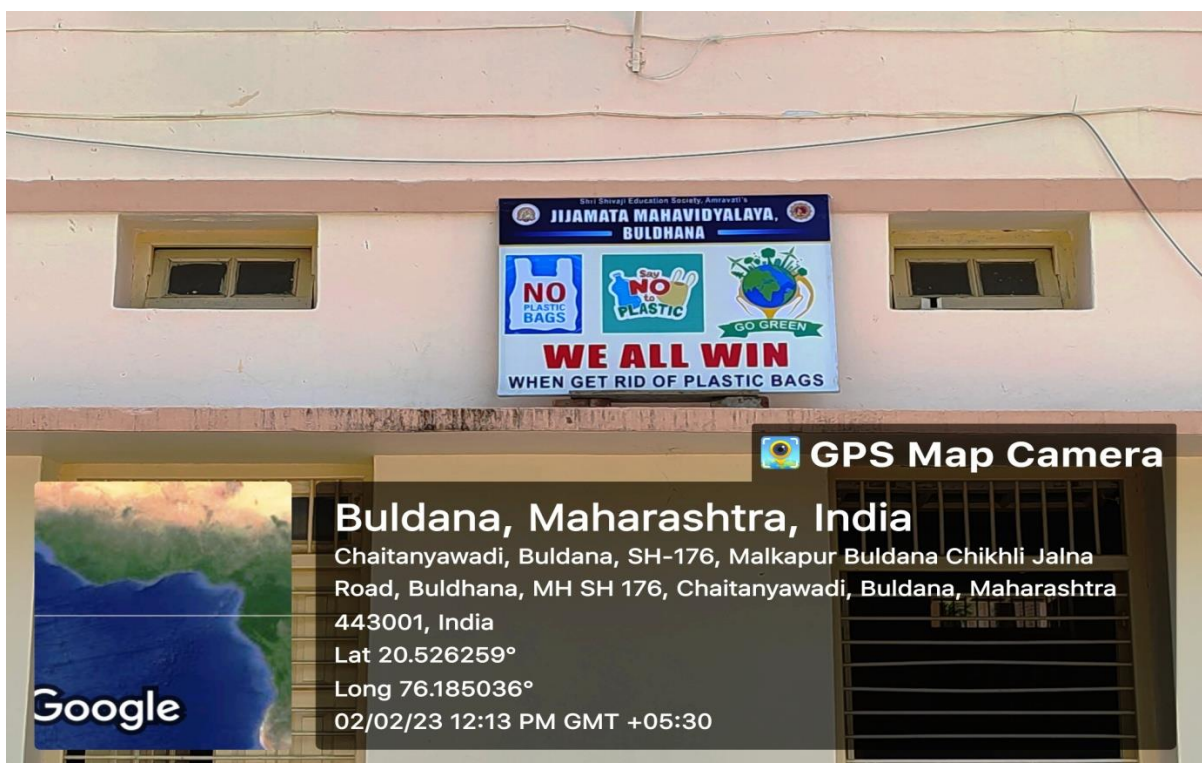








- Display of boards in the campus for Plastic Free campus





## Vermi-Composting Unit



ii. Liquid Waste Management





- iii. **E-waste management:** Generated e-waste disposed through authorized agency





**Form-6**  
[SEE E WASTE (MANAGEMENT) RULES, 2016]- RULE 19]  
**E WASTE MANIFEST**

1	Sender's name and mailing address (Including Phone No.)	Jijamata Arts, Commerce & Science Mahavidyalaya, Buldhana
2	Sender's Authorization No., if applicable.	
3	Manifest Document No.	JM/ E WASTE / 23-24/01
4	Transporter's Name & Address (Including Phone No. )	
5	Type of Vehicle	( Truck / Tanker / Special Vehicle )
6	Transporter's Registration No.	
7	Vehicle Registration No.	
8	Receiver's Name & Mailing Address (Including Phone No)	Suritex Private Ltd Works , B - 111 , MIDC , Butibori, Office: 5-6Zal Complex, Residency Road Sadar, Nagpur - 440001, Mobile No. :- 09049981347
9	Receiver's Authorization No. if applicable	MPCB/RO(HQ)/HSMD/Autho/2021/EW-28
10	Description of E-Waste (Item, Weight/ Numbers)	E Waste
11	Name and stamp of Sender* (Manufacturer or Producer or Bulk Consumer or Collection Centre or Refurbisher or Dismantler): Jijamata Arts, Commerce & Science Mahavidyalaya, Buldhana <div style="text-align: center;">   <b>Principal</b>  <b>Jijamata Mahavidyalaya,</b>  <b>Buldana (Maharashtra)</b> </div> <div style="display: flex; justify-content: space-between;"> <div>           Typed Name &amp; Stamps:         </div> <div style="text-align: right;">           Month    Day    Year  <div style="border: 1px solid black; padding: 2px; display: inline-block;">             1   0   1   2   2   0   2   3           </div> </div> </div>	
12	Transporter Acknowledgement of Receipt of E-Waste <div style="text-align: center;">   <b>Principal</b>  <b>Jijamata Mahavidyalaya,</b>  <b>Buldana (Maharashtra)</b> </div> <div style="display: flex; justify-content: space-between;"> <div>           Typed Name &amp; Stamps:         </div> <div style="text-align: right;">           Month    Day    Year  <div style="border: 1px solid black; padding: 2px; display: inline-block;">             1   0   1   2   2   0   2   3           </div> </div> </div>	
13	Receiver* (Collection Centre or Refurbisher or Dismantler or Recycler) certification of receipt of E-waste) Suritex Private Ltd Works , B - 111 , MIDC , Butibori, Office: 5-6Zal Complex, Residency Road Sadar, Nagpur - 440001, Mobile No. :- 09049981347 <div style="text-align: center;">   <b>Suro</b>  <b>Signature</b> </div> <div style="text-align: center;">  </div> <div style="display: flex; justify-content: space-between;"> <div>           Typed Name &amp; Stamps:         </div> <div style="text-align: right;">           Month    Day    Year  <div style="border: 1px solid black; padding: 2px; display: inline-block;">             1   0   1   2   2   0   2   3           </div> </div> </div>	

\* As applicable

**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



**Form-6**  
[SEE E WASTE (MANAGEMENT) RULES, 2016]- RULE 19]  
**E WASTE MANIFEST**

<b>1</b>	Sender's name and mailing address (Including Phone No.)	Jijamata Arts, Commerce & Science Mahavidyalaya, Buldhana
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	 <b>श्री शिवाजी शिक्षण संस्था, अमरावती द्वारा संचालित</b> <b>श्री शिवाजी विज्ञान महाविद्यालय</b> शिवाजी नगर, मोर्शी रोड, अमरावती-४४४ ६०३ (महा.) <small>NAAC Accredited by Grade "A*" with CGPA of 3.42 (IV Cycle)          UGC Awarded Status of CPE (II Phase)          Identified by DST Government of India for FIST (SGRA) Level College          ISO 9001:2015 Certified College &amp; nri 2022 Rank Band: 151-200</small>	
<b>डॉ. हर्षवर्धन प्र. देशमुख</b> अध्यक्ष	<b>डॉ. ग. वि. कोरपे</b> प्राचार्य	<b>डॉ. पंजाबराय उपाख्य</b> भाऊसाहेब देशमुख
Ref. No. SC/ <b>8331/2023</b>		
Date <b>26.9.2023</b>		

प्रती,  
प्राचार्य  
जिजामाता महाविद्यालय,  
बुलढाणा

संदर्भ:- पत्र क्र.जा.क्र.शि/अधी/५/३२२३/२०२३ दि. २०.०९.२०२३

विषय:- आंतरराष्ट्रीय ई-कचरा दिनानिमित्त "Electronic Waste Dump & Donate Drive" उपक्रमा अंतर्गत आपल्या महाविद्यालयामध्ये ई कचरा संकलन करण्याबाबत.

आदरणीय महोदय,

उपरोक्त विषयांकित व संदर्भीय पत्राच्या अनुषंगाने कळविण्यात येते कि भाऊसाहेबांच्या १२५व्या जयंती निमित्त पर्यावरणशास्त्र विभाग श्री शिवाजी विज्ञान महाविद्यालय, अमरावती व सुरिटेक्स प्रायवेट लिमिटेड, नागपूर यांच्या मार्फत १४ ऑक्टोबर २०२३ शनिवार रोजी आंतरराष्ट्रीय ई-कचरा दिनानिमित्त श्री शिवाजी शिक्षण संस्था, अमरावती अंतर्गत येणाऱ्या सर्व शाळा व महाविद्यालय करिता "Electronic Waste Dump & Donate Drive" चे आयोजन केलेले आहे. याकरिता श्री शिवाजी शिक्षण संस्था, अमरावती च्या पत्रा नुसार आपल्या **जिल्ह्यामधील** शाळा व महाविद्यालय करिता **आपले महाविद्यालय संकलन केंद्र म्हणून ठरविलेले आहे.**

तरी आपणास नम्र विनंती आहे कि आपल्या कडे आलेला ई कचरा १३ ऑक्टोबर २०२३ पर्यंत संकलित करावा. आपण संकलित केलेला ई कचरा श्री शिवाजी विज्ञान महाविद्यालय, अमरावतीला आणण्याची जबाबदारी **मे. सुरिटेक्स प्रायवेट लिमिटेड** नागपूर व श्री शिवाजी विज्ञान महाविद्यालय, अमरावती यांची राहिल.

प्राचार्य

  
Dr. G. V. Korppe  
Shri Shivaji Science College,  
Amravati



3/5  
6/

#### iv. **Biomedical waste management:**

### **Microbiological Waste Management**

During working in microbiology laboratory different types of waste are produced which should to be disposed. These may be chemical, biological, physical and bioremediation.

#### **Microbiological Waste includes:**

1. Discarded culture and stacks of infectious agents.
2. Discarded, used disposable culture dishes.
3. Disposable mask, latex gloves and disposables hair cap.
4. Sharps: Waste items that can easily cut or puncture the skin such are: Razor blades, disposable scissors used in surgery and scalpel blades.

Sharps include but are not limited to the following when contaminated.

1. Glass Pipettes.
2. Broken Glassware.
3. Specimen tubes.
4. Blood culture bottles and microscope slides.

For the disposal of sharps wastes we use specific **yellow colored** container. The container should be leak proofed and standard manufacture and labeled the container.

#### **Disposal of Prepared media:**

1. It is likely that inoculated culture media will contain high numbers of microorganisms which consists a potential hazard. Therefore they must be disposed off safely by approved method. Infected specimens and inoculated culture media should be handled by trained person only. Any apparatus used and contaminated must be safely disinfected or sterilized. It is suggested that decontamination should be carried out at 121<sup>0</sup>C for 60 minutes. After autoclaving, media may be disposed of through normal waste disposal.
2. For disinfection: Dip media for 1 to 2 Hrs in Lysol- 2.5% + Domex- 2.5% + Savlon 2.5% disinfectant and then discard through normal waste.



**v. Waste recycling system**

Regular maintenance and repairing of damage furniture desk bench, rack, equipment in various laboratories and departments is done. Biodegradable waste from life science laboratories and garden waste is transfer to vermi-composting unit which is again user as bio-fertilizer in garden.