BACKWARD CLASS YOUTH RELIEF COMMITTEE'S

BHIWAPUR MAHAVIDYALAYA

BHIWAPUR DIST. NAGPUR- 441201 ACCREDITED WITH GRADE 'B' (CGPA-2.54) BY NAAC, BENGALURU ISO-9001:2015

AFFILIATED TO RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR E-mail: bmv_bhiwapur@yahoo.com; bgm.college1990@gmail.com Website: https://www.bmb.ac.in Tel: 07106-232349

ACTIVITY REPORT

ACADEMIC SESSION	2022-2023
ORGANIZER	Bhiwapur Mahavidyalaya
NAME OF THE	E-waste Management
ACTIVITY	
AREAS COVERED	 Environmental Protection and Health Proper Disposal and Recycling of E-waste Collaboration with Government-Authorized Recycler Policy Implementation Community Participation Institutional Social Responsibility
PROGRAMME SCHEDULE	Academic Year 2022-2023
VENUE	Bhiwapur Mahavidyalaya, Bhiwapur
MODE OF ACTIVITY	Offline
ORGANIZING	Department of Physics
COMMITTEE	

PROGRAMME	Asst. Prof. Dr. Yogesh More
COORDINATOR	
TARGET GROUP	Institutions, Government Offices, Shops, Factories,
	Establishments, Students, Staff and Citizens.
NUMBER OF	42
STUDENTS /	
BENEFICIARIES	
BRIEF REPORT	Electronic Waste is the discarded electronic and electrical
	devices. It is one of the hazardous wastes. It has many hazardous
	effects on the environment and the health of the
	individuals. Improper E-waste processing in Developing Nations
	can lead to adverse human health effects and pollution in the
	environment. As the decomposition of electronic items will take a
	more prolonged and different methodology, it is advised to
	decompose it in scientific and eco-friendly manner. The recycling
	of E-waste serves a lot of useful purposes. For example,
	protecting human and environmental health by keeping those
	devices out of landfills. Recovering the parts within the devices
	that still have value and providing manufacturers with recycled
	metal that can be used to make new products. In India, the
	Government through the Ministry of Environment, Forest and
	Climate Change (MoEFC) released the updated E-
	Waste Management Rules, which came in supersession of the E-
	Waste in India. International treaties like Basel Convention were
	aimed at lessening and regulating the movement of hazardous
	waste among countries. Our College took an effort to eradicate E-

waste from the society and to recycle it in a scientific way. Bhiwapur Mahavidyalaya has taken an initiative in collaboration with M/s. Suritex Pvt. Ltd., Nagpur, a Government authorized Ewaste Recycler for recycling E-waste in a Scientific and Ecofriendly manner. On 2nd May, 2022, our College signed a Memorandum of Understanding (MoU) with M/s. Suritex Pvt. Ltd. ensuring the proper disposal and the recycling of E-waste as per the safety norms set by the Maharashtra Pollution Control Board. Our College paid the amount of Rs. 15000/- exclusive of GST for E- waste services. To implement the same, our Institution established E-waste Collection Centre under the Department of Physics. A Policy was designed to ensure the proper working of the Centre. As per the Policy, Request letters were issued to various Institutions, Government Offices and to individuals for providing the E-waste. Circulars were also displayed on the Notice Boards, appealing students and staff members for providing E-waste. College collected all sorts of E-Waste materials like Electrical and Electronic Appliances, IT Hardware and its consumables, Telecom Equipment and switches, Bio Medical Equipment and its spares, other Medical Devices, Power Chords, Cables, Wires, Chargers, Paper, Glass, Metal Scraps or any other device that runs on electricity/battery from our students and staff members and provided it to M/s. Suritex Pvt. Ltd. College paid the charges of Rs. 50/- for a piece of discarded monitor and CRT Display and Rs 10/- per kilogram

for other items, against the total quantity of E-waste collected from the providers. College also issued Appreciation Letters to the providers for supporting the College in this Noble Cause. In the Academic Session 2022-2023, a total of 162 kilograms of E-waste was collected from 42 staff members and students of the College and subsequently, provided it to M/s. Suritex Pvt. Ltd for recycling. As per the E-waste Management Rule-2016 (Rule 19), M/s. Suritex Pvt. Ltd provided E-waste Manifest (C-Form 6). The College generated the revenue of Rs. 2430/- of which, sum of Rs. 1620/- was paid to the providers for providing E-waste during the Academic Session 2022-2023.

PROGRAMME OBJECTIVES

- To raise awareness among students, staff and the local community about the hazards of E-Waste and the benefits of responsible recycling.
- To implement a systematic approach to collect, transport, and recycle E-Waste in accordance with National and International regulations to ensure the safety of both environment and human health.
- To foster partnerships with authorized E-Waste recycling entities, Government agencies, and local communities to collectively address the E-Waste problem.
- To extract valuable materials from E-Waste items, such as metals and components, for reuse and contribute to the circular economy.
- To prevent the harmful effects of improper E-Waste disposal on soil, water and air by diverting E-Waste from landfills and

incineration.

- To train students and staff in proper E-Waste handling, collection, and awareness creation, promoting a culture of responsible E-waste disposal.
- To mark the contribution of Department of Physics in executing Institutional Social Responsibilities.

PROBLEMS FACED, IF ANY

Awareness and Participation: Everyone is not aware of the harmful effects of E-waste or the importance of its proper disposal. Encouraging participation from students, staff, and other individuals was challenging due to the lack of awareness.

Collection Efficiency: Collection of E-waste required a structured collection system. The Committee faced some challenges like insufficient collection points, difficulties in reaching out to all potential contributors, and ensuring consistent and regular collection.

Inaccurate Sorting: E-waste often contains a wide variety of materials. Accurate sorting is essential to recover valuable components. Incorrect sorting can lead to loss of valuable resources and inefficient recycling.

Health and Safety: Handling E-waste can expose individuals to hazardous substances. There was a need for proper safety measures, training, and protective equipment for those involved in collecting and transporting the E-waste.

To address these challenges, the Committee had a well-planned and comprehensive strategy for E-waste Management. This included raising awareness, implementing proper collection mechanisms, collaborating with authorized recycling partners,

	anguring compliance with regulations and continuously
	ensuring compliance with regulations, and continuously
	evaluating and improving the mechanism based on the
	experiences and challenges faced.
PD CCD A MATE	
PROGRAMME	• Raised awareness among students, staff and the local
OUTCOMES	community about the hazards of E-Waste and the benefits
	·
	of responsible recycling.
	• Implemented a systematic approach to collect, transport,
	and recycle E-Waste in accordance with National and
	International regulations to ensure the safety of both
	environment and human health.
	• Fostered partnerships with authorized E-Waste recycling
	entities, Government agencies, and local communities to
	· ·
	collectively address the E-Waste problem.
	• Extracted valuable materials from E-Waste items, such as
	metals and components, for reuse and contribute to the
	circular economy.
	• Tried to prevent the harmful effects of improper E-Waste
	disposal on soil, water, and air by diverting E-Waste from
	landfills and incineration.
	• Trained our students and staff in proper E-Waste handling,
	collection and awareness creation, promoting a culture of
	responsible disposal.
	Marked the contribution of Department of Physics in
	executing Institutional Social Responsibilities.

FEEDBACK
ANALYSIS REPORT
OF THE FEEDBACK
OBTAINED FROM
STUDENTS/
BENEFICIARIES/
ACADEMIC PEERS

भिवापूर महाविद्यालय

ई-कचरा संकलन केंद्र अभिप्राय फॉर्म

आपण संकलित केलेला ई-कचरा भिवापूर महाविद्यालय, भिवापूरला देऊन पर्यावरण रक्षणाच्या उदांत कार्यात योगदान देण्यासाठी घेतलेल्या पुढाकाराबद्दल महाविद्यालय आपले आभारी आहे. महाविद्यालयाने हाती घेतलेल्या या पर्यावरणपूरक उपक्रमाबद्दल आपला अभिप्राय प्रार्थनीय आहे.

नाव: DV Vivita s Virganolhoun

मोबा. नं. 9372427106

पताः Bhiwapur Maharidyalaya

अभिप्राय:

A very good initiative towards
management of e-waste management
and Environment sustainability.
wishing you the best in your future
endealours.

Wivib स्वाक्षरी

स्यादारा

Feedback given by the E-waste providers

भिवापूर महाविद्यालय

ई-कचरा संकलन केंद्र अभिप्राय फॉर्म

आपण संकलित केलेला ई-कचरा भिवापूर महाविद्यालय, भिवापूरला देऊन पर्यावरण रक्षणाच्या उदांत कार्यात योगदान देण्यासाठी घेतलेल्या पुढाकाराबद्दल महाविद्यालय आपले आभारी आहे. महाविद्यालयाने हाती घेतलेल्या या पर्यावरणपूरक उपक्रमाबद्दल आपला अभिप्राय प्रार्थनीय आहे.

नावः डा मंगरा वस्नेवराष् चुडु

मोबा. नं. 97-64339797

पताः क्रियेपुर् भराविधाल्न , मिपापूर -

अभिप्राय:

पार न्यंजाला उपहार वाववीन्यासाही अभिनेद्रते. भविष्यातील पिर्यांना न्यांजाल स्ताती र-वट्य जियते प्राप्त हरूत देखाल्यां दिशोने महत्वाच पाऊत्म आहे.

स्वीक्षरी

Valuable Feedback given by the E-waste provider

PHOTO GALLERY WITH CAPTIONS

MAHARASHATRA POLLUTION CONTROL BOARD

Phone : 24020781 / 24010437 Fax : 24024068 / 24044532

Email : rohq@mpcb.gov.in
Visit At : http://mpcb.gov.in

MAHARASHTRA

Kalpataru Point, 2nd, 3rd & 4th Floor, Opp. Cineplanet,

Near Sion Circle, Sion (E),

Mumbai-400022.

RED/SSI/Recycler

Consent No: BO/MPCB/RO(HQ)/NG/R/B- | 705000580 Date: | 6 / 05 /2017 MPCB-CONSENT-0000019270

Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundry Movement) Rules 2016 & Authorization / Renewal of Authorization under Rule 13 of the E-Waste (Management) Rules, 2016.

[To be referred as Water Act, Air Act, HOW (M&TM) Rules and E-Waste (M) Rules, respectively].

CONSENT is hereby granted to,

M/s. Suritex Pvt. Ltd., Plot No. B-111, MIDC Butibori, Industrial Area, Butibori, Dist. Nagpur.

Located in the area declared under the provisions of the Water Act, Air act, Authorization under the provisions of H&OW (M&TM) Rules and amendments thereto and the E-Waste (M) Rules, 2016 and subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

- The Consent to Operate is valid up to: 19/02/2022. [Subject to obtaining Authorisation from MPCB as "E-Waste Recycler" as per provisions of the Rule 11 of the E-Waste (M) Rules, 2016.]
- 2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Collection, segregation dismantling and recycling of electrical and electronic wastes as per the provisions of the E-Waste (M) Rules, 2016.	360	MTA

- 3. CONDITIONS UNDER WATER ACT:
 - (i) The daily quantity of trade effluent from the factory shall be NIL.
 - (ii) The daily quantity of sewage effluent from the factory shall not exceed 0.5 M3
 - (iii) Sewage Effluent Treatment: The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

(1) Suspended Solids Not to exceed 100 mg/l. (2) BOD 3 days 27° C. Not to exceed 100 mg/l.

"M/s, Suritex Pvt. Ltd."

Consent granted to M/s. Suritex Pvt. Ltd., Nagpur by Maharashtra Pollution Control Board for collecting, Segregating, Dismantling and Recycling E-Waste.



महाराष्ट्र MAHARASHTRA

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1 8 FEB 2022

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AGREEMENT FOR COLLECTION, TRANSPORTATION AND RECYCLING OF

E-WASTE

BETWEEN

Bhiwapur Mahavidyalaya, Bhiwapur and M/s. SURITEX PVT. LTD.

THIS AGREEMENT is executed on 2nd day of May 2022 at Nagpur.

Bhiwapur Mahavidyalaya, Bhiwapur represented by its authorized signatory, which expression, unless repugnant to the context or meaning thereof, shall mean and include its successors-in-interest and assigns, here in after referred to as PARTY No. 1 of the One part.

AND

M/s. SURITEX PVT. LTD., a Company registered under the Companies Act 1956, and having its registered office at 5 & 6 Zal Complex, Residency Road Sadar, Nagpur- 440001 and its unit at Plot No. B- 111, MIDC Butibori, Nagpur, Maharashtra through its Managing Director hereinafter called as PARTY NO. 2.

For SURITEX PVT. LTD

DIRECTOR

That the Party No. 1 is having its organization in the Name and style of Bhiwapur Mahavidyalaya, Bhiwapur located in Bhiwapur Dist-Nagpur.

That the Party No. 2 is Government authorized E-Waste recycler and is engaged in the business of recycling of all types of Electrical and Electronics Waste in a systematic & eco-friendly manner.

On the request of Party No. 1 Party No. 2 has agreed to recycle/dispose all types of Electrical and Electronic Waste generated in the premises of party No. 1 on the following terms and conditions:-

- The party No. 2 shall undertake the work of weighing, collection and transportation
 of E-Waste from the premises of party No. 1 and also from the locations as asked by
 party No. 1 as and when required.
- 2. The Party No. 1 shall deliver to the Party No 2 all the E-Waste material like Electrical and Electronic Appliances, IT hardware equipments and its consumables, Telecom Equipments and switches, Bio Medical Equipments and its spares, other Medical devices, Power chords, Cables, Wires, Chargers, Paper, Glass, Metal scraps or any other device that runs on electricity/battery.
- 3. The Party No 2 shall recycle the total E-Waste Collected from the premises of the Party No. 1 and from other locations as specified by Party No. 1 in an Eco-Friendly manner at their unit as per the norms, guidelines and standards set by Maharashtra Pollution Control Board and provide a Certificate to the Party No. 1 against the total quantity of material collected and disposed/recycled.
- 4. The Party No. 2 shall ensure that there shall not be any improper disposal or any kind of hazard to the Environment and all the rules and regulations of Maharashtra Pollution Control Board or any other Government authority are being fully adhered with no deviation in the process of E-Waste recycling at their unit.
- 5. The Party No. 2 agreed to pay the Party No. 1 the charges (Rs. 100/piece for monitors and CRT displays and Rs 15/Kg for other items with GST Extra as applicable) as mutually agreed upon against the total quantity of E-Waste collected from the premises of Party No. 1. A registration fee (Rs 15,000/- GST Exclusive) will be paid by Party No. 1 to Party no. 2 for E-waste services.
- 6. There shall not be any change or modification or waiver of any of the terms of this agreement, in case of any changes it shall be effective unless agreed to in writing and signed by duly authorized officer of each of the parties hereto.
- 7. This Agreement between two parties shall be valid from the date of agreement and onward unless any of the parties wishes to discontinue the agreement.
- 8. If any of the party wishes to discontinue this Agreement anytime during the agreed period then one month prior notice needs to be given to the other party.

For SURITEX PVT. LTD



IN WITNESS WHEREAS the parties have put their signature on the day and year as above mentioned in presence of the following witnesses at Nagpur.

WITNESSES:

1. PARTYNO.1

Yogesh K. More

2. PARTYNO.2

For SURITEX PVT. LTD

WITNESSES:

1. PARTYNO.2

For SURITEX PVT. LTD

SURITEX PVFETOR

Memorandum of Understanding signed between Bhiwapur Mahavidyalaya and M/s. Suritex Pvt. Ltd., Nagpur, a Government authorized E-waste Recycler for recycling E-waste in a Scientific and Eco-friendly manner.



Amount of Rs. 17700/- inclusive of GST paid towards E-waste Services.



CERTIFICATE

Respected Sir/Ma'am,

This is to certify that Bhiwapur Mahavidyalaya located in Bhiwapur, Dist Nagpur has signed a Memorandum of Understanding (MoU) with M/s. Suritex Pvt Ltd, an E Waste recycling Company authorised by Maharashtra Pollution Control Board for the safe disposal of E Waste for Recycling it as per the safety norms set by the Maharashtra Pollution Control Board on 2nd May 2022.

Thanks and warm regards,

Mulinesswill

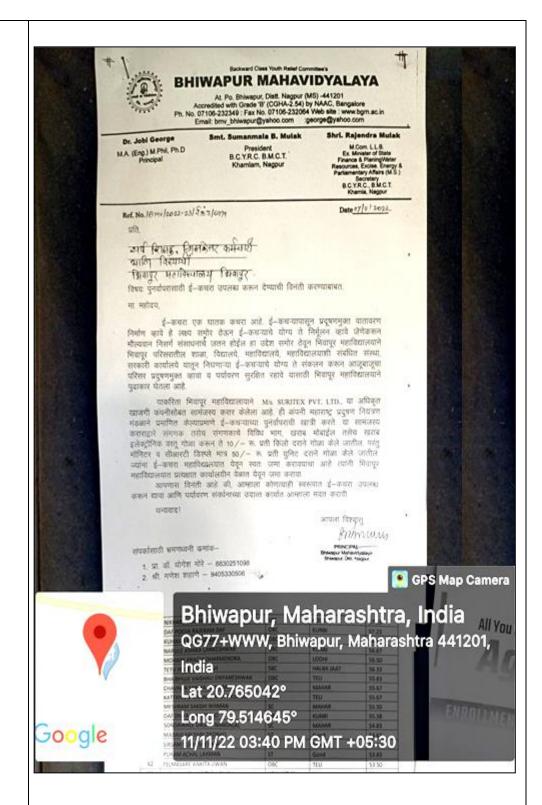
Mahima Suri, Marketing and Business Development, Suritex Pvt. Ltd. Mob.no. 9960627347



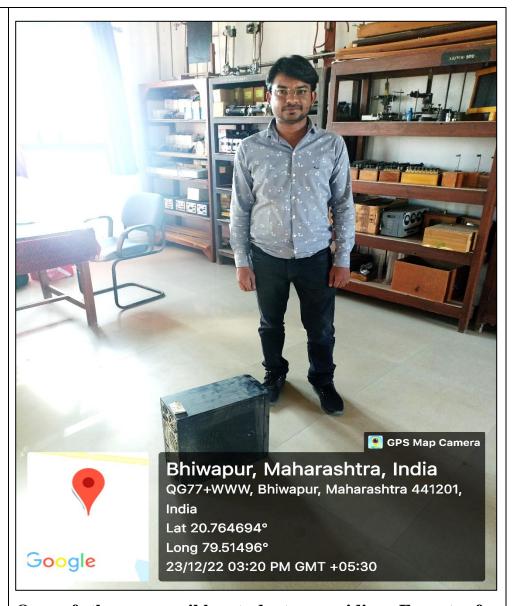
(CIN NO. U17120MH1994PTC076896 | GST NO : 27AACCS7998E1ZT)

Office : 5 & 6 Zal Complex, Residency Road, Sadar, Nagpur.
Works : B-111, MIDC Butibori Industrial Area Web : www.suritex.co.in
Tel No. 2551347 | Mob : 9960627347, 9049981347 | Email : info@suritex.co.in, mahima@suritex.co.in

Certificate issued by M/s. Suritex Pvt. Ltd for signing the MoU.



Circular for Students and Staff Members Displayed on the Notice Board.



One of the responsible students providing E-waste for recycling.



Responsible students of Junior College providing E-waste for recycling.



NCC Cadets providing E-waste for recycling.



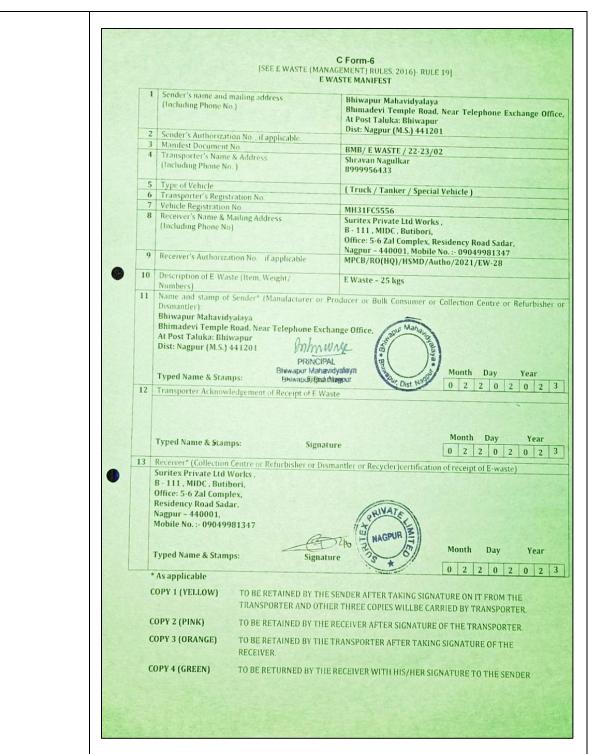
Student Bhuvan Raut providing E-waste for recycling



Asst. Prof. Dr. Yogesh More is handing over the E-waste to Mr. Gaurav Suri, Director of M/s. Suritex Pvt. Ltd., Nagpur.

			MANAGEMENT) RULES, 2016)- E WASTE MANIFEST	RULE 19]
1	Sender's name and (Including Phone No	0.)	At Post Taluka: Bhiw	Road, Near Telephone Exchange rapur
2	Sender's Authorizat	ion No , if applicable.	Dist: Nagpur (M.S.) 4	41201
3	Manifest Document	No.	BMB/ E WASTE / 22-	23/02
4	Transporter's Name (Including Phone No	& Address o.)	Shravan Nagulkar 8999956433	
5			(Truck / Tanker / Sp	and Makistan
6		tration No.	(Truck / Taliker / Sp	beciai venicie)
7		No.	MH31FC5556	
8	(Including Phone No)	Nagpur - 440001, Mo	ori, ex, Residency Road Sadar, obile No. :- 09049981347
,	Receiver's Authoriza	ntion No. if applicable	MPCB/RO(HQ)/HSMI	D/Autho/2021/EW-28
10	Description of E-Was Numbers)		E Waste - 25 kgs	er or Collection Centre or Refurb
12	At Post Taluka: Bhi Dist: Nagpur (M.S.) Typed Name & Stan Transporter Acknow	441201 VN/V PRIN Blawapur M	Exchange Office, WWW.L. Idahayidyalaya By Anthoneur E Waste	Month Day Year
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E-waste Manifest C Form 6 issued by M/s. Suritex Pvt. Ltd. on providing E-waste for recycling.



E-waste Manifest C Form 6 issued by M/s. Suritex Pvt. Ltd. on providing E-waste for recycling.