

CRITERION 7

7.1.2

MANAGEMENT OF THE VARIOUS TYPES OF DEGRADABLE AND NON-DEGRADABLE WASTE

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SOCIE & MANAGEMENT

Bunts Sangha's S. M. Shetty College of Science, Commerce & Management Studies Powai, Mumbai - 400 076. Tel.: 022 - 6132 7352 Email: college@smshettyinstitute.org





WASTE MANAGEMENT POLICY

BUNTS SANGHA'S S.M. SHETTY COLLEGE OF SCIENCE, COMMERCE AND MANAGEMENT STUDIES, POWAL



BUNTS SANGHA'S S.M. SHETTY COLLEGE OF SCIENCE, COMMERCE AND MANAGEMENT STUDIES, POWAI, MUMBAI

INTERNAL QUALITY ASSURANCE CELL (IQAC)

WASTE MANAGEMENT POLICY

(With Effect from: 2013-14) (Revised: 2021-22)

INTERNAL QUALITY ASSURANCE CELL



RUNTS SANGHA'S S.M. SHETTY COLLEGE OF SCIENCE, COMMERCE AND MANAGEMENT STUDIES, POWAL

Waste Management Policies

Objectives:

The institution's Waste Management Policies have been framed

- To educate and guide the students and staff members about the disposal of different types of waste.
- To help the administrative staff to treat the different types of wastes differently.
- To create a clean and hygienic learning environment.

The Policies:

Non-paper waste:

- The institution should use and reuse the fixtures and equipment as far as possible.
- The non-paper waste if not used by the institution should be sold to the scrap dealers by inviting quotations.

2. Paper Waste:

- Signage has to be followed by the students and staff members to reduce waste paper generation.
- The students, teachers and staff members should generate paper records only when required.
- Both the sides of the papers should be used.
- Minimum paper waste should be generated by reusing the used papers.
- Old newspapers should be used by committees in making paper bags.
- Non-usable papers should be sold to scrap dealers by inviting quotations.

3. Hazardous Waste:

 The institution prohibits the use of hazardous chemicals or equipment within the institution's premises.

INTERNAL QUALITY ASSURANCE CELL



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BUNTS SANGHA'S S.M. SHETTY COLLEGE OF SCIENCE, COMMERCE AND MANAGEMENT STUDIES, POWAI

4. Wet / Food Waste:

- Students and staff members should dispose of wet/food waste separately.
- The wet/ food waste should be disposed of on a daily basis.

5. E-waste:

- Students and staff members are supposed to dispose of the e-waste at the bins provided by B.Sc. (IT) department only.
- E-waste generated should be handed over to Best Computer Solutions on a periodic basis.

Hence, the institution aspires to effectively manage the waste generated by various institutional processes by deploying the above policy.

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INTERNAL QUALITY ASSURANCE CELL



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GEOTAGGED IMAGES

CANTEEN WASTE DISPOSAL:





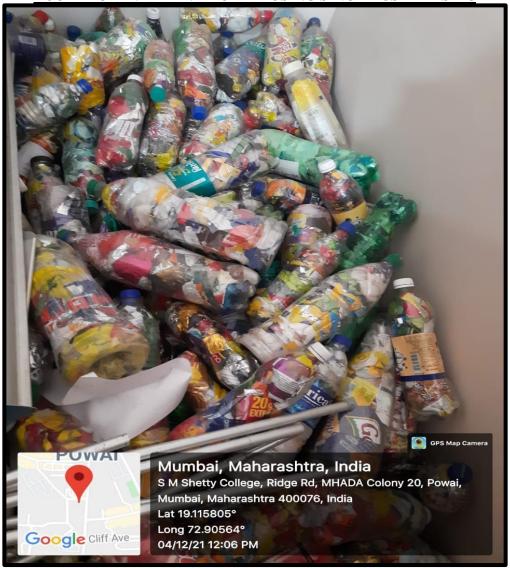
The institution has 2 composters - Bio and Vermi Composters for bio degradable waste generated by the canteen (During 2020-21, the canteen was not operational)

POWAL TO MUMBAL TO STAND & SHADOW

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ECO-BRICK INITIATIVE FOR RE-USING SINGLE-USE PLASTIC



Eco- Brick made by students and teachers which will be used by the NGO to make products of public utility



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पर्यावरणासाठी घातक असलेल्या प्लास्टिकचा पुनर्वापर करण्यासाठी शेड्डी कालेजचे २ हजार ३०० विद्यार्थी 'इको ब्रिक' या उपक्रमात सहभागी झाले आहेत. नेमकं काय आहे हे इको ब्रिक? कशा प्रकारे राबवला जातोय हा उपक्रम?

सौरभ शेलार, नगिनदास खांडवाला कॉलेज muntainbox@gmail.com

रोनाच्या काळात प्लास्टिकविरोधी मोहीम काहीशी थंडावली असली, तरी पर्यावरणाला धातक अशा प्लास्टिकचा पुनर्वापर करण्यासाठी प्रयत्न होत आहेत. पर्यावरणासाठी दक्ष असणारे विद्यार्थी यात मोठ्या प्रमाणावर सहभागी होत आहेत. पवईच्या एस. एम. शेट्टी कॉलेजच्या सुमारे २ हजार ३०० विद्यार्थ्यांनी अंशाच एका महत्त्वपूर्ण उपक्रमात भाग घेतला आहे. 'इको-ब्रिक' अशी अभिनव संकल्पना असलेला हा उपक्रम पर्यावरणरक्षणासाठी उपयक्त ठरतोय. विद्यार्थ्यांच्या या उपक्रमाची दखल केंद्र सरकारच्या जलशक्ती मंत्रालयानेसुद्धा घेतली आहे. मंत्रालयानं त्यांच्या द्विटर, फेसबुक, इन्स्टाग्रामवरील अधिकृत अकाउंटवर या उपक्रमाविषयीची माहिती पोस्ट करत विद्यार्थ्यांचं कौतुक केलंय.

यावर्षी १५ ऑगस्टला या उपक्रमाची सुरुवात झाली. 'मिशन ग्रीन मुंबई' या संस्थेनं या उपक्रमासाठी सहकार्य केलं आहे. विद्यार्थ्यांना 'इको-ब्रिक'विषयी मार्गदर्शन करण्यासाठी एका वेबिनारचं आयोजन करण्यात आलं होतं. 'मिशन ग्रीन' मुंबईचे संस्थापक शुभजीत मुखर्जी यांनी विद्यार्थ्यांना मार्गदर्शन केलं. मल्टी लेअर (एमएलपी) प्लास्टिक हे पर्यावरणासाठी जास्त धोकादायक असतं. या एमएलपी प्लास्टिकपासन बनवण्यात येणाऱ्या 'इको-ब्रिक्स'चा वापर अनेक ठिकाणी करता येतो. त्यामुळे विद्यार्थ्यांनी मिशन इको-ब्रिक हाती धेतलं असून, त्यांच्या धरी ते इको-ब्रिक्स तयार करत आहेत. कॉलेज सुरू झाल्यावर,

प्लास्टिकविरोधात

पर्यावरणरक्षणासाठी कॉलेजिअन्सचा पढाकार



विद्यार्थ्यांनी तयार केलेल्या या इको-ब्रिक्सचा वापर कॉलेज कॅम्पसमध्ये करण्यात येणार आहे. कॅम्पससह अन्य ठिकाणीसुद्धा त्याचा वापर होईल.

बांधकामांमध्ये इको-ब्रिक्सचा वापर होतो. भिंती उभारणं, रस्त्यांचं बांधकाम, चेक-पोस्ट तयार करण्यासाठी तसंच गतिरोधक तयार करण्यासाठीसुद्धा इको-ब्रिक्स उपयोगी पडतात. बागेमध्ये असणाऱ्या . सुशोभित वस्तुही त्यापासून तयार करता येतात. याव्यतिरिक्त बाक, टेबल तयार करण्यासाठीसुद्धा इको-ब्रिक्सचा वापर करता येतो. लॉकडाउनच्या काळात विद्यार्थी धरुनच या उपक्रमाद्वारे पर्यावरण रक्षणासाठी योगदान देत आहेत.

इको-ब्रिक म्हणजे काय ?

प्लास्टिकच्या एका मोठ्या बाटलीत एमएलपी प्लास्टिक गोळा केलं जातं. चॉकलेटचे रॅपर्स, बिस्किटांना असलेली प्लास्टिकची पॅकिंग, तसंच अन्य खाद्यपदार्थांचं पॅकेजिंग असलेल्या बारीक प्लास्टिकच्या

पर्यावरणाचं रक्षण करण्यासाठी वेळीच पावलं उचलणं आवश्यक आहे. यासाठी तरुणांकडुन मोठ्या प्रमाणावर सक्रिय सहभागाची अपेक्षा आहे. 'इको-ब्रिक' या उपक्रमासाठी

आम्ही #EcoBrickChallege हा हॅशटॅग ट्रेंड केलाय.

> - शुभजीत मुखर्जी, संस्थापक, मिशन ग्रीन मुंबई



पर्यावरणरक्षणाच्या दुष्टीनं आम्ही हा उपक्रम, कॉलेजमधील विद्यार्थ्यांच्या मदतीनं राबवत आहोत. विद्यार्थ्यांनीही यामध्ये

मोठ्या प्रमाणावर सहभाग नोंदवला असून, ही आमच्यासाठी कौतुकाची बाब आहे.

– पो. कल्पना गय मेनॉन बीएमएम विभागप्रमख

आवरणाचा समावेश एमएलपी प्लास्टिकमध्ये होतो. हे सर्व प्लास्टिक एका मोठ्या प्लास्टिकच्या बाटलीत गोळा करून ती पूर्णपणे भरली जाते. प्लास्टिकनं पूर्ण भरलेली बाटली म्हणजेच इको-ब्रिक.

Newspaper article about the institution's eco-brick initiative



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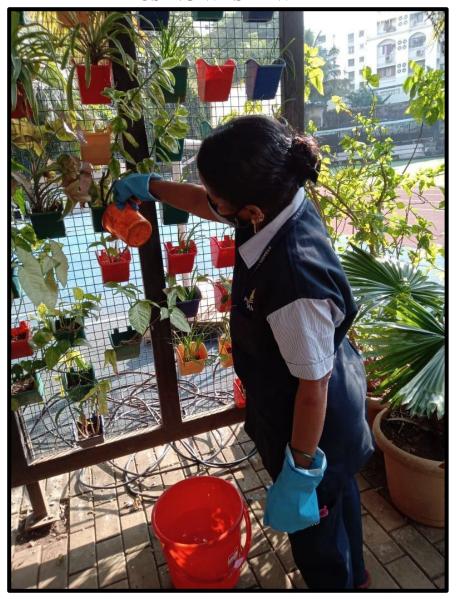


Eco-Bin in the Campus to Collect E-Waste





REUSING WASTE WATER



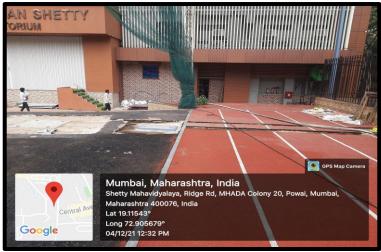
Water free from detergent is used for watering the plantation in the campus

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CHANNELS TO COLLECT WASTE AND RAINWATER





Waste water of the garden is collected and is filtered.

POWAL NUMBAL76.

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BIO MEDICAL WASTE DISPOSAL LADIES WASHROOM - SANITARY NAPKIN DISPOSAL

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EDUCATING STAFF AND STUDENTS THROUGH POSTERS



Education staff and students to reduce waste generation through posters

POWA!
MUMBAI-76.

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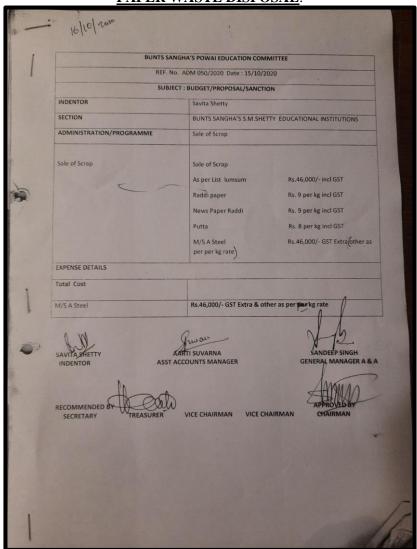


APPROVALS, BILLS OTHER DOCUMENTS FOR WASTE MANAGEMENT

1. SOLID WASTE MANAGEMENT:

The institution has a well-designed system for solid waste disposal.

PAPER WASTE DISPOSAL:



Approval by management for sale of scrap





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Quantity of waste paper to be disposed

POWAL AND STATES

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OTHER THAN PAPER SCRAP:

SR	NO.	SCRAP MATERIAL LIST	QTY
1		Ceiling Fan	40
2	-	Fan Blead	120
3		MS Rod	lumsum
4	-	Ahuja speaker	20
5	_	Exhaust Fan	1
6	(Notice board	3
7	-	eeiling speaker	7
8	-	Cartage	lumsum
9	1	Plastic chair	46
10		Medical weel chair	1
11		Tel escopi Chanel	130
12	1	MS key board	
13	-	Soft board (Aluminium fream)	5
14	1	Plastic	lumsum
15		Mettle Scrap	lumsum
16	1	Fube light patti	15
17	-	Hallogen	4
18	(Wire	lamsum
19	1	Window curtain	9
20	-	Computer stand	14
21	1	Płumbing drainline Puc pipe	lamsum
22		Punching mashine	4
23	1	Door closer	1
24		wingscale mashine	2
25		old LED light	29
26		Puttha per kg	
		window glass	lamsum
27			36
28		School bag	2
29		Pich Roller (Garden)	
30		Raddi per kg	
31		news peaper per kg	

Quantity of Total Solid Scrap to be Disposed

POWN AND STREET

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RECYCLING OF METAL SCRAP:

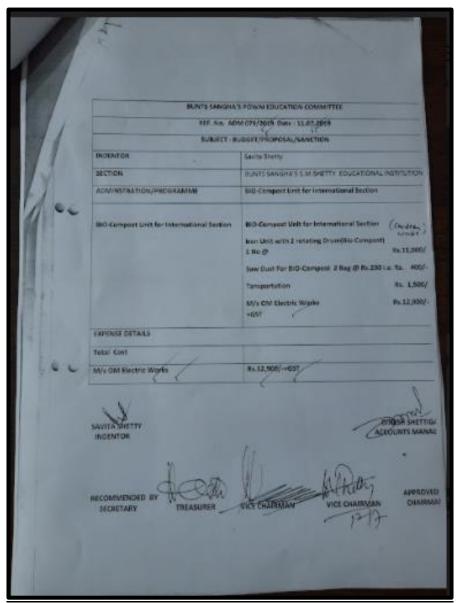
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Consignee (Ship to) Jaideep Metallics & Alle Gut No. 78-79, Village La			Dispatch Do	c No.	Delive	ry Note	Date
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Wada, Palghar			A-1 ROAD	LINES	WADA	APAL	GHAR
	ADCJ9275A1ZJ			/LR-RR No.	Motor		
State Name : Mal	narashtra, Code: 27		1082 dt. 15	-Oct-21	MH04	GF93	14
Buyer (Bill to)			Terms of De				
Bhiwandi Wada Rd., Wada, Palghar							
Wada, Palghar GSTIN/UIN : 27A State Name : Mal SI Desc	ADCJ9275A1ZJ narashtra, Code : 27 cription of Goods		HSN/SAC	Quantity	Rate	per	Amount
Wada, Palghar GSTIN/UIN : 27A State Name : Mal	narashtra, Code : 27		HSN/SAC 72044900	Quantity 10,580 KG	Rate 36.00		Amount 3,80,880.00
Wada, Palghar GSTIN/UIN : 27A State Name : Mal SI Desc No.	narashtra, Code : 27 ription of Goods	CGST 9% SGST 9% R/Off				KG	
Wada, Palghar 27A 27A	narashtra, Code : 27	SGST 9%			36.00	KG	3,80,880.00 34,279.20 34,279.20 (-)0.40 ₹ 4,49,438.00
Wada, Palghar GSTIN/UIN : 27A State Name : Mat SI Desc No. 1 MS Scrap Less : Amount Chargeable (in work)	narashtra, Code : 27 ription of Goods	SGST 9% R/Off	72044900	10,580 KG	36.00	KG	3,80,880.00 34,279.20 34,279.20 (-)0.40
Wada, Palghar GSTIN/UIN : 27A State Name : Mal SI No. MS Scrap Less: Amount Chargeable (in wor INR Four Lakh Forty Ni	narashtra, Code : 27 ription of Goods ds) ne Thousand Four Hu	SGST 9% R/Off Total	72044900	10,580 KG	36.00 9 9	KG % %	3,80,880.00 34,279.20 34,279.20 (-)0.40 ₹ 4,49,438.00 E. & O.1
Wada, Palghar GSTIN/UIN : 27A State Name : Mat SI Desc No. 1 MS Scrap Less : Amount Chargeable (in work)	narashtra, Code : 27 ription of Goods ds) ne Thousand Four Hu	SGST 9% R/Off	72044900	10,580 KG	36.00 9 9	KG % %	3,80,880.00 34,279.21 34,279.21 (-)0.40 ₹ 4,49,438.00 E. & O.D
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Wada, Palghar GSTIN/UIN : 27A State Name : Mal SI No. MS Scrap Less: Amount Chargeable (in wor INR Four Lakh Forty Ni HSN/S	narashtra, Code : 27 ription of Goods ds) ne Thousand Four Hu	Total Indred Thi Taxable Value 3,80,880.	72044900 rty Eight Or Cen Rate 00 9%	10,580 KG 10,580 KG nly ttral Tax Amount	36.00 9 9 9 State Rate /	KG % %	3,80,880.00 34,279.20 34,279.21 (-)0.40 ₹ 4,49,438.00 E. & O.0 Total Tax Amount 1 Tax Amount 9,20 6,558.41
Wada, Palghar GSTIN/UIN : 27A State Name : Mal SI No. MS Scrap Less: Amount Chargeable (in wor INR Four Lakh Forty Ni HSN/S	ds) ne Thousand Four Hu AC Total NR Sixty Eight Thousa	Total Total Taxable Value 3,80,880. 3,80,880. Total	72044900 rty Eight Or Cen Rate 00 9% 00 00 00 00 00 00 00 00 00 00 00 00 00	10,580 KG 10,580 KG nly stral Tax Amount 34,279.20 34,279.20 y Eight and F Bank Details : IDFC : 1004 S Code : Boriv	36.00 9 9 State Rate 9% orty paise First Ban 6887641	Tax Tax Amoun 34,275 34,279 e Only k	3,80,880.00 34,279.20 34,279.21 (-)0.40 ₹ 4,49,438.00 E. & O.1 Total Tax Amount 1,20 68,558.40 0,20 68,558.40

Metallic Scrap is disposed to agency which helps in the process of metal waste recycling



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Approval by Management for bio- composter

POWAL 76 - HUMBERLY 76 - POWAL 76

PRINCIPAL
Bunts Sangha's S. M. Shetty College
of Science, Commerce & Management Studies
Powal, Mumbal - 400 076.
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Bill of Purchase of Bio Composter

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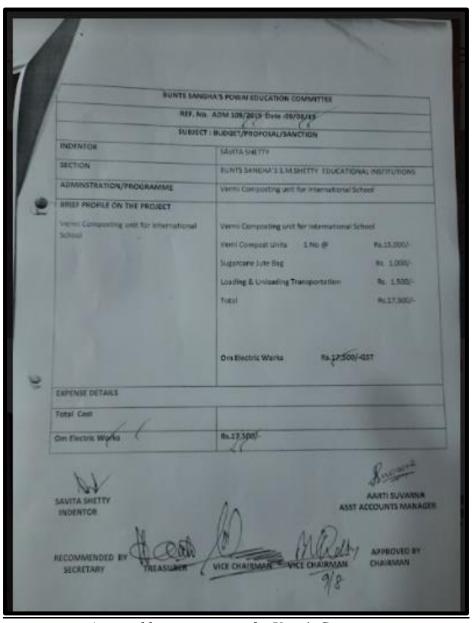
Bunts Sangha's S. M. Shetty College of Science, Commerce & Management Studies Powai, Mumbai - 400 076.

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S.M.SHETTY COLLEGE OF SCIENCE, COMMERCE & MANAGEMENT STUDIES

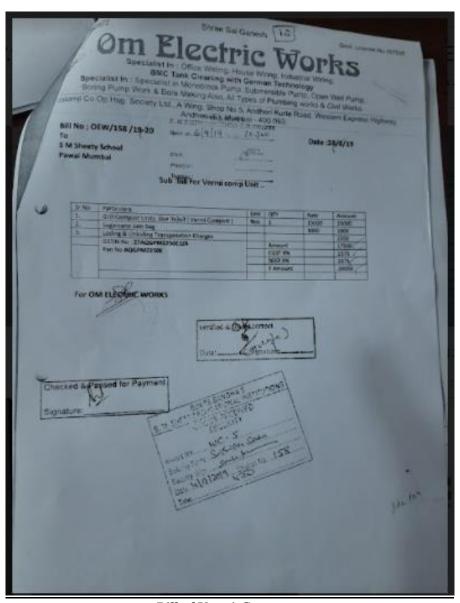


Approval by management for Vermi-Composter



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Bill of Vermi-Composter

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E-WASTE MANAGEMENT

Old Computers Donated to Staff: 25 Pcs

				y Educational Institute		
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	2	Saumya Shetty	CP Section	Asst. Teache	B/16 Akash deep CHSL, Keshavii Nagar, Bhatlipa Road, Bhandip W.), Mum-	191670937 <i>5</i> 9	Saumya130@gmai
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			PC De	onation FORM		
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Sr. No Name	Section	Designation	Address	Phone	Email Address
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2 Sashidhar Shelle	0	Penn	Asalfha Village, Norkar Chawl, Room No: 43, Charl Ropar, Mumbai 34	9892215883	_
3 Vijay Kamble	Degree	Peon	Anand Budh Vihar, OPP. Ul Market, Crarib Nagar, Powar, Mumbai 72		vijaya kamble 115@gmalon
Vikrant Patil	Degree	Pean	Akurli Assa CHS, Lokhard wala, Mrada No. 2, Kardin Gost, Mumbai - 101	di	v. krant patilozi@gmail com
Winesh Bahadkar	Degree	Peon	Shir Krupa Chawt Chaut No. + Room No 2, Janki Nagar, Manista Nagar Kalwa (W), 400605		Vinesh bahadkar @ yahoo com
Pandurang Indulkar	0	Peop	Dosti MMRDA, Vovetak Nagar Rd, opp Runual Tower,		pandurargirchilkari g mal 600
Asha Shelly	Degree	Senior Clerk	Panchvati cts Curing, Room No: - ooy, Chandiviti Mhada, Ardhur (East) - 72		
Shrinakshi Shelly	-	Junior clerk	3A-104, Powar Lakeview Apl Rambaugh, Powar 72		asha - shefty 16@ yahoo win
	Junior	1	Room No. 5, Sakeba Sec. , LBS Nagar, Sakewaka, 90ft		3 hetty hanniso agmadium
Vandana Giharge	Vegree	hib Asst	Rd, Mimbar 76. Bldg No. 17-9, Recompositions, Pratibosha Nagar, Sion,	and the latest terminal to the latest terminal t	y vandanaginghe_85@ johoo.com.
10 Duttatany Dubal	Degree	Peon	Koliwada, Mumbar 22	8291170658	duttatabal 83@gnowl com.
			Approved By)	20
			Approved by		1/6
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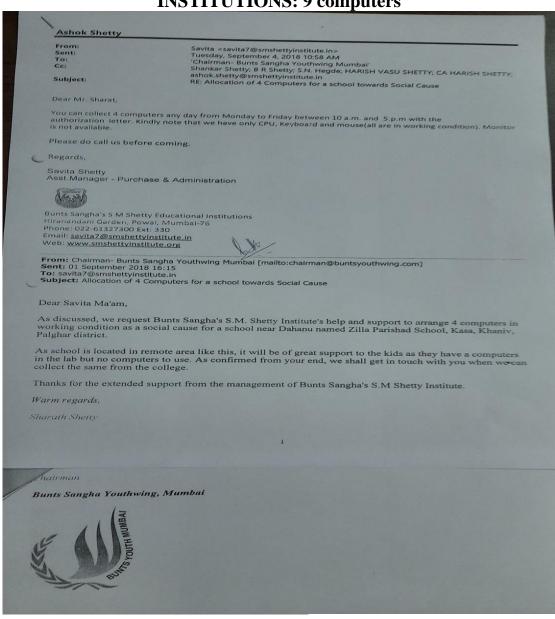


Sr. N	o Name	Section	Designation	Address	Phone	Email Address
		-	, ,	Bldg No. 228, Awng Room Noi-8907, Kannuar		
1	Ns. Marsi Rane	Junior	LAG ASSE	Ngr-1. Vikhroli tast	9821569477	rane _ mansi@
1	Mr. Krishoa Kosi	Junier-	lab Asst (27)	719, Jokhim Compound, Protap Nagar Road, Mindauptw, Mumbai-18.	797743219	konkrishna (a)
3	mr. Monei		Pean		0-	
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DONATION TO COMMUNITY (KANNADA SPEAKING)
INSTITUTIONS: 9 computers



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PRINCIPAL

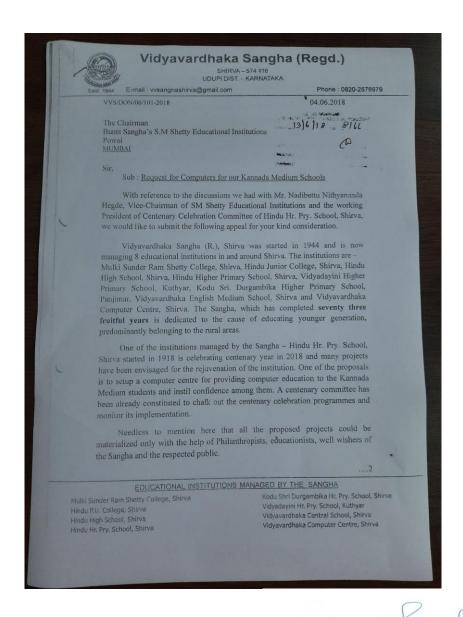
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Tol.: 022 - 6122 7552

Email: college@amshettyinstitute.org



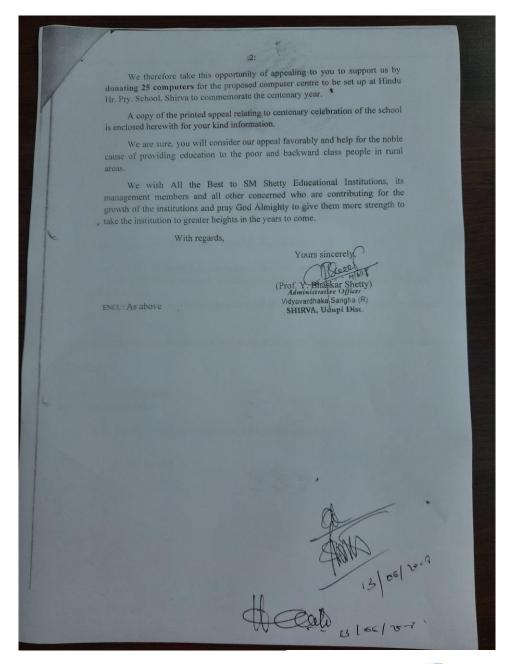
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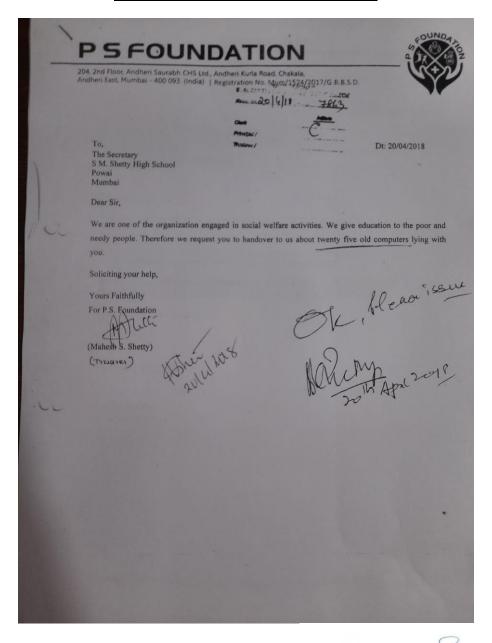


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DONATION TO NGO: 25 COMPUTERS



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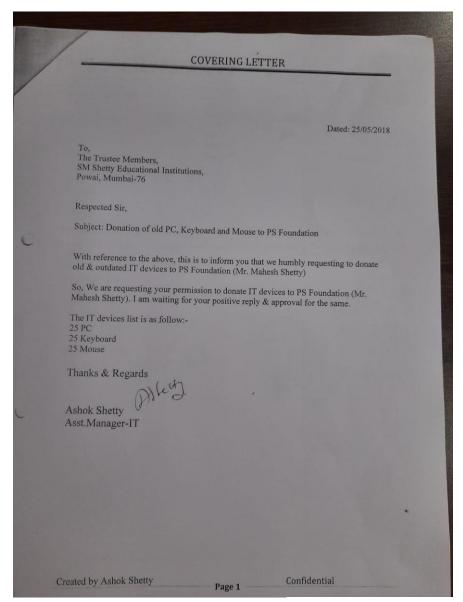
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Tel.: 022 - 6132 7352

Email: college@smshettyinstitute.org



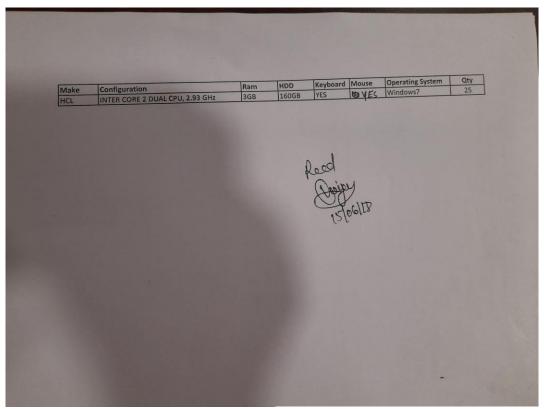


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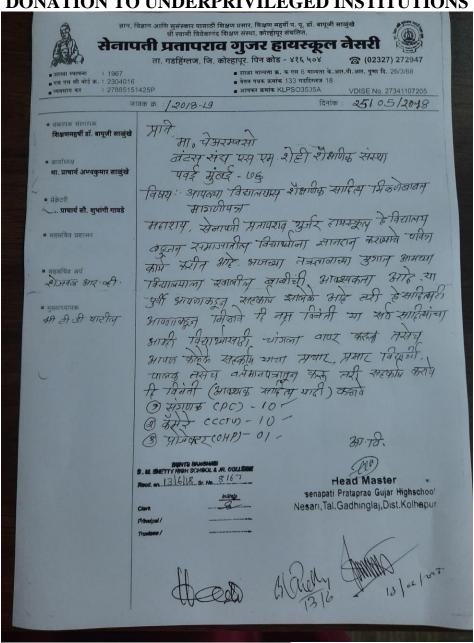


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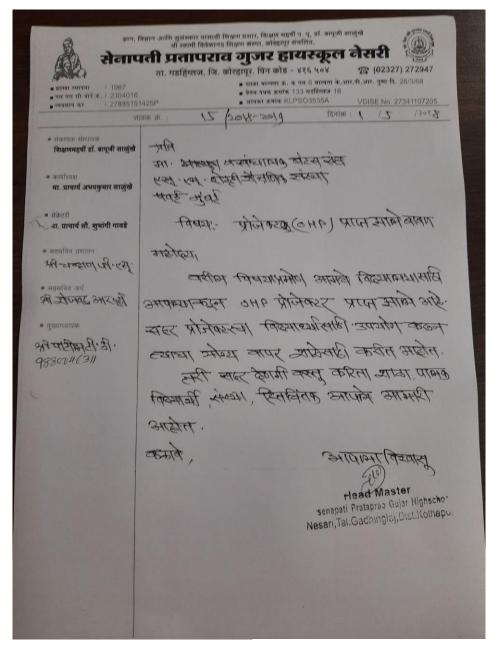
DONATION TO UNDERPRIVILEGED INSTITUTIONS



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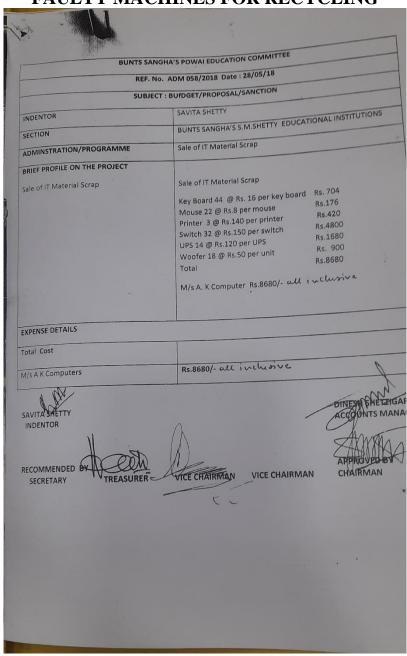
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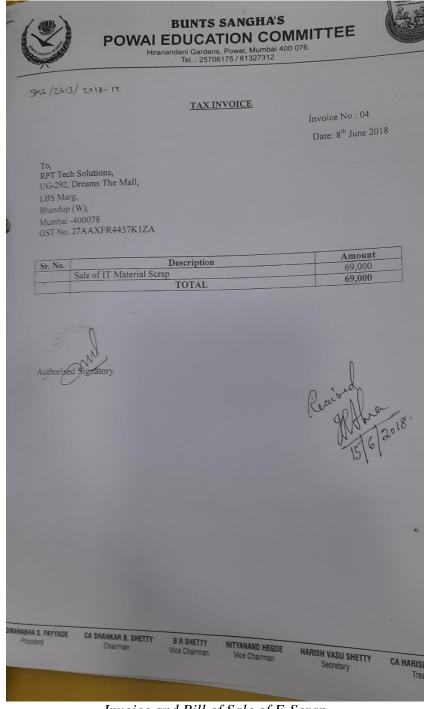


FAULTY MACHINES FOR RECYCLING



Approval from Management for sale of E-Scrap

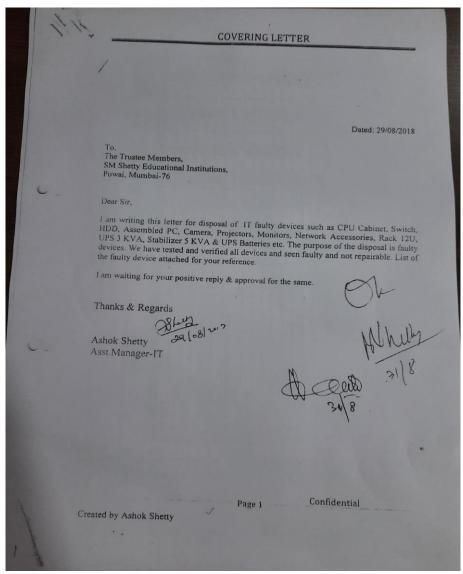




Invoice and Bill of Sale of E-Scrap



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Approval from Management

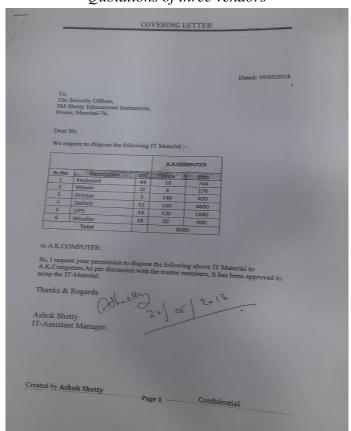
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S.M.SHETTY COLLEGE OF SCIENCE, COMMERCE & MANAGEMENT STUDIES

			A.K.COMPUTER		A.R.M.COMPUTER		LAPPYCOM ENTERPRISE		Highest Rates
Sr.No.	Description	Qty	Price	Amt	Price	Amt	Price	Amt	Amt
1	Box Camera 🕆	77	105	8085	42	3234	45	3465	8085
2	Bullet Camera	19	105	1995	50	950	45	855	1995
3 4	Dome Camera	13	105	1365	35	455	30	390	1365
4	Keyboard	44	16	704	9	396	12	528	704
5	Mouse	22	8	176	4	88	6	132	176
6	Printer	3	140	420	110	330	90	270	420
7	Switch	32	150	4800	50	1600	40	1280	4800
8	UPS	14	120	1680	90	1260	100	1400	1680
9	Woofer	18	50	900	15	270	20	360	900
Total		20125		8583		8680		20125	
ired By	Med)	1218			Checked W	1000 ul	4		Approved By

Quotations of three vendors



Communication to selected vendor



S.M.SHETTY COLLEGE OF SCIENCE, COMMERCE & **MANAGEMENT STUDIES**

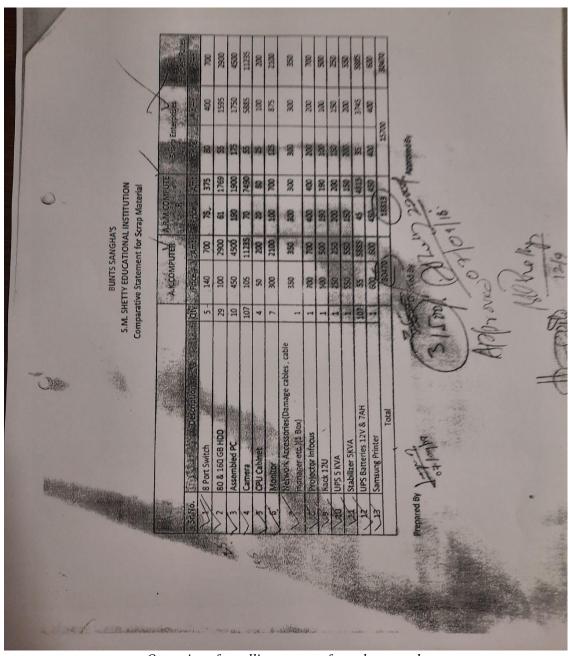
	BUNTS SANGHA'S S.M. SHETTY HIGH SCHOOL & JUNIOR COLLEGE
	(PUBLIC TRUST ACT REGD. NO. F-514 (BOM)) Near Hiranandani Complex, Kopari, Mumbai - 400 076.
	RECEIPT
Receipt No.	5769 Date: 31/5/2018
Received with	thanks from AK Computers
On behalf of Towards	Sale of Sacan ST Material (ADM 58/2018)
The Sum of Ru	pees Fight shousand six fundaments and dated
By Cash / Checo	For BUNTS SANGHA'S S.M. SHETTY HIGH SCHOOL & JUNIOR COLLEGE
Rs. Receipts Valid S	Authorised Signatory Inject To Relisation Of Cheque
A	

Sale of scrap to selected vendor (AKComputers)

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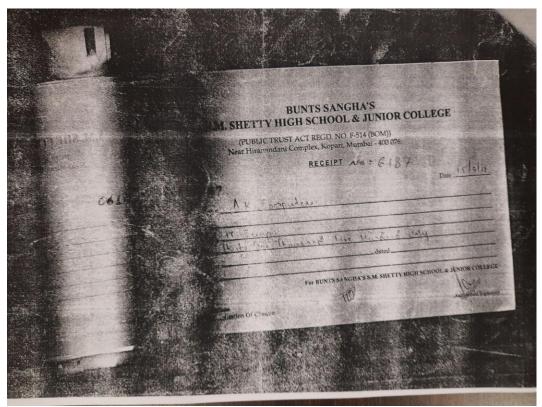
Quotations for selling e-waste from three vendors



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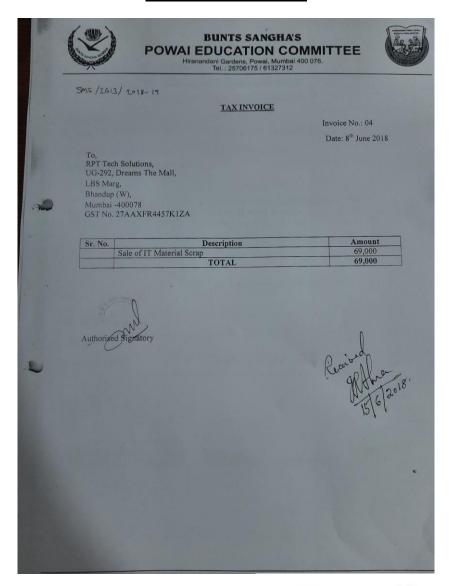


Receipts of Faulty e-scrap selling by management



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SELLING OF E-SCRAP:

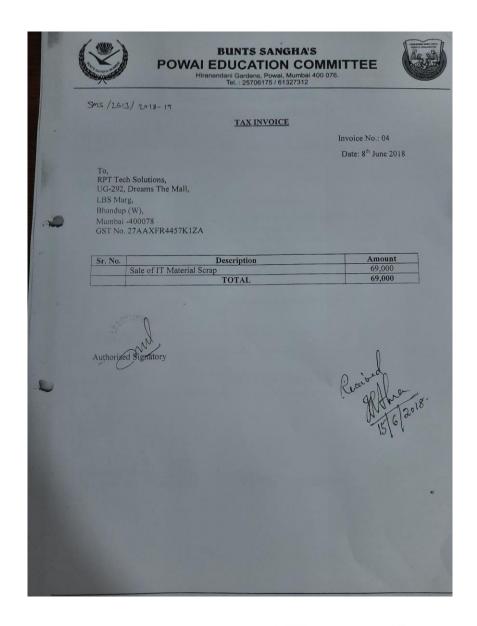


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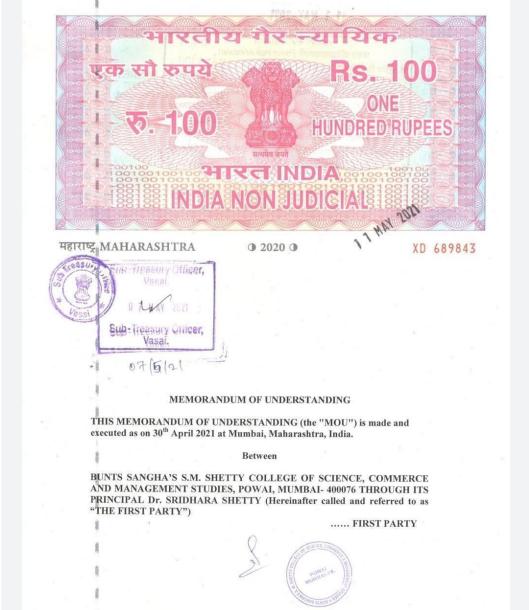
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S.M.SHETTY COLLEGE OF SCIENCE, COMMERCE & MANAGEMENT STUDIES

1. WASTE RECYCLING SYSTEM:

MOU FOR E WASTE MANAGEMENT





S.M.SHETTY COLLEGE OF SCIENCE, COMMERCE & MANAGEMENT STUDIES

: 2:

AND

Aavni Environment and Sustainability Consultancy Mr. Saurabh Gupta - Founder (Hereinafter called and referred to as "THE SECOND PARTY")

..... SECOND PARTY

WHEREAS the party of the first part is an educational institution imparting education at college level. It is organizing E-Waste management awareness activities at its college premises.

AND WHEREAS For organizing the same the institution is in look out to spread awareness campaigns to support behavioral changes in stakeholders for Sustainable Waste Management in order to conduct awareness programs. The Second party agreed to conduct awareness in association with the First Party.

2/3

- Both the parties will work with stakeholders for creating E-Waste Management awareness and to formalize collection.
- Both the parties will be working for enhancing E-waste collection and Scientific Disposal and Recycling.
- 3. Both the parties will work to increase collection of e-waste.
- Both the parties will contribute to development of the National EPR (Extended Producer Responsibility) framework.
- The Second party will help the First party to communicate with the Recyclers for collection of E-Waste.
- 6. E-wastes such as electronic components (plastic/metallic) are handed over to agencies which help recycle these materials. By recycling the electronic components, valuable materials from old electronics components which can be used to make new products.
- The Second party has signed an agreement with the First party for reverse logistics for the collection of E-Waste from the institution and to provide the cost for the materials collected.
- Second party will provide a Certificate of Recyclers to the First party at the year end.





S.M.SHETTY COLLEGE OF SCIENCE, COMMERCE & MANAGEMENT STUDIES

:3:

NOW IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES AS UNDER:

This agreement shall be binding on both parties.

IN WITNESS OF WHEREOF the parties have executed this agreement on the day and year mentioned hereinabove.

DR. SRIDHARA SHETTY PRINCIPAL

S.M. SHETTY COLLEGE OF SCIENCE, COMMERCE & MANAGEMENT STUDIES,

(PARTY OF THE FIRST PART)

Aavni Environment and Sustainability Consultancy Mr. Saurabh Gupta - Founder

(PARTY OF THE SECOND PART)

POWAL POLING STANDS

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MANAGEMENT STUDIES



WASTE MANAGEMENT

INSTITUTIONAL REPORT

The institution has a centralized, transparent and well-planned waste management system. The institution has predetermined systems of managing different types of waste.

Solid Waste Management -

Solid waste is generated mainly from three sources from the college: examination, library and canteen.

The paper waste generated from examination and library are disposed through the Paper waste vendor. These paper vendors sell it to the agencies which manage the process of recycling.

Metal scrap generated is sold to metal casting companies through the scrap dealers.

Decomposable and non decomposable wastes are segregated in the canteen. **The biodegradable waste is filled in composters** and non-degradable waste is disposed of by BMC (Brihamumbai Municipal Corporation) collection system.

The institution is in **collaboration with a nation-wide initiative "Eco-Brick"** and encourages students to prepare eco-brick using non-recyclable plastic bags and bottles which will be donated to the Green Mumbai Initiative for preparing public utility products.

Liquid waste management -

The wastewater is disposed as per BMC guidelines through the drainage system if it is contaminated with detergents.

Biomedical waste management -

The institution does not actually generate any bio-medical waste during its operations. However, there are two probable sources identified which may generate bio-medical waste.

- (i) **Medical Centre:** The medical centre does not conduct any surgery or use syringes for injections. For any such accidents or ailments the students are sent to the nearby hospital. However, for disposing blood soaked bandages the centre uses a red carry bag as per the guideline of BMC.
- (ii) **Ladies Washrooms:** The used sanitary napkins are disposed of using black carry bag as per BMC guidelines. Female students and staff were educated to dispose of the used napkins using signage inside all ladies washrooms.

E-waste management - College has an e-waste management cell under the IT department, "e-Environmentation". The cell organizes competition on e-waste reuse and other activities based on e-waste management. The institution has collaborated with Aavni Environment and Sustainability Consultancy for providing assistance in recycling of e-waste.



S.M.SHETTY COLLEGE OF SCIENCE, COMMERCE & MANAGEMENT STUDIES

The institution conducts 3 types of activities with the old electronic durables:

- 1. DONATION The institution has been donating old electronic products which are in working condition its own employees and to other needy institutions of the parent community or around Mumbai
- 2. SELLING FAULTY DEVICES The e-waste which cannot be reused is sold for recycling to the agency by inviting quotations from at least 3 vendors.
- 3. DISPOSAL OF E-SCRAP: The e-waste which cannot be used in above two categories is sold as scrap.

This activity of e-waste disposal is carried out once every 4-5 years, so that a significant amount of e-products can be donated or disposed of. Last donation and disposal of e-waste was organised in May - September 2018. The vendor which was selected for last e-waste disposal is a prominent e-waste management company of the city

· Waste recycling system -

- The Institution has composters for biodegradable waste.
- For paper waste and metallic waste, the institution sells the scrap to the agencies which either on their own or through another vendor get it recycled.
- For e-waste, the institution is either donating it for reuse or sell it to the agency which are expert in e-waste management (currently with AK Enterprises)
- For e-waste management guidance the institution has collaborated with Aavni Environment and Sustainability Consultancy.
- The water waste which is free from detergents is used manually for watering the plants

· Hazardous chemicals and radioactive waste management - No such waste is generated by the college

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