

Brand Audit 2019

Begum Rokeya University, Rangpur

Date: 25-09-2019

Jointly Organized by:

Environment and Social Development Organization (ESDO)

&

Begum Rokeya University, Rangpur

Executive Summary:

Brand Audit is a global initiative of the Break Free from Plastic (BFFP) movement towards preventing single use plastic pollution worldwide. Brand Audit of Single Use Plastic (SUP) is all about creating corporate accountability for plastic pollution that litters our environment. Being a core member of BFFP, ESDO had been organizing Brand Audit of non-recyclable plastics with a cleanup activity since 2018. In continuation, ESDO conducted a Brand Audit of Single Use Plastic (SUP) in collaboration with Begum Rokeya University, Rangpur on 25th of September, 2019 at the Begum Rokeya University Campus premises.

The Brand Audit activity included collection of single use plastic wastes from the designated audit area, identifying and recording their respective brands and eventually developing an inventory. The aim was to identify from the audit records the top corporations that are responsible for producing the most amounts of single use plastic wastes in the respective area. A team of total 105 volunteers comprising of the concerned university students actively participated in the event. Apart from the volunteers, number of other participants including teachers, officials and civilians directly or indirectly took part in the activity. The activities were closely monitored and supervised by ESDO team members.

Around 5008 number of plastic scraps was collected by the volunteers within two hours from the Begum Rokeya University Campus premises. The total weight of the collected SUP waste was measured to be 25.2 kg. The audit record identified 80 local and international brands in total of which 18 specific brands and their corresponding manufacturers were detected whose items were found in most abundant amounts. The identified top corporate SUP polluters include- Cocacola, Pepsico, Partex Beverage, Pran, Zaa and Zee, Bombay sweets, Matador Company, Taufika Foods and Agro Industries, Bashundhara Paper Mills Limited, Meghna Group of Industries, Danish, Perfetti Van Melle, Bisk Club, Olympic, Square Food & Beverage Limited, Unilever, British American Tobacco, Mondelēz International etc.. However, unbranded products were also found in abundant quantities from the field.

Contents

Executive Summary	0
Table of Contents E	rror! Bookmark not defined.
Background	3
Brand Audit	4
Global Brand Audit 2019 : Findings	4
Objectives/ Purpose of the study	5
Study Location	6
Methodology	7
Result and Discussion	10
Outcomes	13
Limitations	13
Conclusion	14
Recommendations	14
Appendices	29

Background:

Indiscriminate use of single use plastic products creates significant environmental hazards and health risks. Single-use plastics, or non-disposable plastics, are used only once before they are thrown away or discarded. Single-use plastics include plastic straws, plastic cotton buds, sachets, food packaging, plastic bags etc. Being inherently non-biodegradable and nonrecyclable, single use plastic products have been identified as one of the most significant environment pollutants of recent times. It can take up to thousands of years for single use plastic products to decompose. In the meantime, it releases toxic chemicals that contaminates our soil and water and eventually enter the food chain. Non-disposable plastic wastes may turn into toxic leachate over time and, through heat, get mixed with the food chain that gradually enters human body giving rise to severe health problems such as damage to nervous systems, lungs and reproductive organs. However, accumulation of plastic litter in the drains and canals may lead to clogging that give rises to the emergence of widespread vector borne diseases. In Bangladesh, single use plastic pollution has dramatically increased over recent years and the associated environmental health impacts have also been significantly evident. Recent outbreak of Dengue and Chikungunya diseases in the urban areas of the country may be related to this phenomenon. Again, the numbers of patients suffering from health problems associated with plastic and chemical pollution has also risen in an unprecedented rate.

Brand Audit is a global initiative of the Break Free from Plastic (BFFP) movement towards preventing single use plastic pollution worldwide. BFFP is an international movement envisioning a future free from plastic pollution. Since its launch in September 2016, nearly 1,500 organizations from across the world have joined the movement to demand massive reductions in single-use plastics and to push for lasting solutions to the plastic pollution crisis. Brand audit is an important initial step of BFFP towards forming single use plastic pollution free world. As part of the Global Brand Audit initiative, the core members of BFFP from different countries of the world organize Brand Audit activity in different locations throughout the entire September month. Being a core member of BFFP, ESDO had been organizing Brand Audit of non-recyclable plastics with a cleanup activity since 2018. In continuation, ESDO conducted a

brand Audit of single use plastic (SUP) in collaboration with Begum Rokeya University, Rangpur on 25th of September, 2019 at the Begum Rokeya University Campus premises and actively participated in the global movement against plastic pollution.

Brand Audit:

Brand Audit of Single Use Plastic (SUP) is all about creating corporate accountability for plastic pollution that litters our environment. The primary objective of brand auditing is to identify top corporate single use plastic polluters whose products are largely contributing in creating plastic pollution worldwide. It aims at identifying the top corporations that are responsible for producing the most amounts of single use plastics (including plastic packaging and sachets), holding them accountable and eventually drive a call for innovations in product packaging and plastic waste management. It also looks forward to uniting the people around the world who are willing to be a part of the global movement against plastic pollution and provide them a platform to act together towards environmental protection and conservation.

Global Brand Audit 2019: Findings

On the occasion of World Clean Up Day on September 21, 2019, individuals and organizations around the world mobilized their communities to conduct clean-ups and brand audits to hold corporations accountable for the extensive use of single use and throw-away plastic packaging in their products. Participants catalogued almost 8,000 brands for this year's global audit. The list of "Top Global Polluters" was primarily based on the number of countries where these companies' brands were found to be polluting the environment, while also taking into account the number of plastics collected per brand/manufacturer. Together, these metrics captured both the distribution and depth of plastic pollution associated with companies and their brands. To put it simply, these results reveal the companies polluting the most places with the most plastics. This year's data from the global Brand Audit reveals the following as the 2019 Top 10 Global Polluters: Coca Cola, Nestle, PepsiCo, Mondelez International, Unilever, Mars, P&G, Colgate-Palmolive, Phillip Morris, and Perfetti Van Mille.¹

_

 $^{^1\,}https://www.breakfree from plastic.org/global brand audit report 2019/$



Figure: Top Global Corporate Plastic Polluters, 2019

Objectives/ Purpose of the study:

The general objective of the respective Brand Audit activity can be defined as followed – To create public awareness, awaken corporate responsibility and eventually initiate policy advocacy to eliminate, regulate and ban the use of Single Use Plastic (SUP) products towards forming a plastic pollution free world.

Few specific objectives of the activity include:

- Identify Top corporations that are responsible for generating most amounts of plastics in the study location.
- Creating awareness among the public, policymakers, and producers/manufacturers
 about the harmful impacts of plastic pollution caused by sachets, plastic tubes, and
 other single use plastics/packaging used in personal and home-care products.
- Encourage reduction in the use of one time use/ single-use plastic items to help decrease accumulation of plastic litter in marine environment.

- Encourage corporate manufacturers and public in producing and using environment friendly alternatives to single use plastics such as Cloth bag, paper bag or Jute bag.
- Help secure government regulation in Bangladesh to reduce or control indiscriminate use of single use plastic.

Study Location:

As per the standard protocol defined by the # break free from plastic guidelines, Brand audit should be carried out in an accessible public place (both indoor and outdoor) where one can find abundant plastic wastes to collect. This year, Begum Rokeya University Campus, located in Rangpur district of Bangladesh has been selected as the audit location for the Brand audit activity. Begum Rokeya University of Rangpur (BRUR) is a government-financed public state university in Bangladesh. It is the only general categorized university in Rangpur Division and the second public university in the region. The respective university is located along the outskirts of the Rangpur city and is bounded by Rangpur Cadet College and Carmichael College in Rangpur. This site has been chosen with a view to having an insight upon the single use plastic pollution condition in an institutional space.



Figure: Areal View of the Study Location (Begum Rokeya University, Rangpur)

Table: Information on Brand Audit location

Name	Begum Rokeya University
Address	Modern Mor Road, Ranpur-5400, Bangladesh
Type of Space	Institutional Space (Public)
GPS Location	Lat: 25° 43′ 4.44″ N
	Long: 89° 15′ 33.12″ E
Total Area	75 acres (0.3 sqkm)

Methodology:

Planning and Preparation:

The very first step of conducting an audit activity is to make a comprehensive plan and carry out the preparatory activities accordingly prior to the event. This includes selection of the audit area, identification of the necessary logistics and arrange for their timely procurement, volunteer arrangement as well as mobilization of necessary funds. This year, Begum Rokeya University Campus located in Rangpur District has been chosen to be the audit area for the respective activity. However, the event has been funded by three distinct entities including Environment and Social Development Organization - ESDO, Break Free from Plastic (in the form of micro grant) and Begum Rokeya University authority. The event has been organized jointly by ESDO and Begum Rokeya University. The entire Brand audit activity has been planned and executed following the steps defined by Break Free From Plastic. A training session was conducted for the volunteers by ESDO team members on the day before the event. This year, ESDO team members also participated in a webinar arranged by BFFP to better understand the concept and strategies to organize a successful Brand Audit event.



Figure: Methodological Framework of the Study





Figure: Training session conducted by ESDO team members

• Brand Audit:

A Brand Audit event was conducted on 25th of September, 2019 at Begum Rokeya University Campus, Rangpur from 9 am up to 1 pm. The audit activity includes collection of Single use plastic wastes from the designated audit area, identifying and recording their respective brands and eventually developing an inventory. The aim is to identify from the audit records the top corporations that are responsible for producing the most amounts of single use plastic wastes in the respective area. A team of total 105 volunteers comprising of the concerned university students actively participated in the event. To carry out the activity in an organized manner, the volunteers were divided into 21 small groups each comprising of 5 members. As per the standard protocol, each group was led by a distinct team leader assisted by a co-leader and the other three members of the group were regarded as the general team members. The team leaders were responsible for filling up the brand audit data card while the co-leader was designated the task of assisting the team leader in sorting and classifying the plastic wastes. The general team members were entitled the responsibility of picking up or gathering the single use plastic wastes from the campus area. The teams were deployed in five major focal points within the campus territory and were continuously monitored and supervised by the organizing team. Apart from the volunteers, number of other participants including teachers, officials and civilians directly or indirectly took part in the movement.





Figure: Brand Audit of Single Use Plastic at the Begum Rokeya University Campus

• Data Analysis and Reporting:

The information recorded in the Brand Audit data sheets has been analyzed using Microsoft Excel Platform and the results have been included in the Brand Audit report. The findings have been graphically illustrated with the application of the visual representation tools (graphs, charts) in the report. In case of measuring corresponding weights to the collected plastics, sample SUPs were brought back from the field and weighted using standard weighing machine at ESDO head office.





Figure: Plastic samples weighing using standard weighing machine

Result and Discussion:

Around 5008 number of plastic scraps was collected within two hours from the campus premises by the volunteers. The total weight of the collected waste was measured to be 25.2 kg. After collection, the scraps were sorted and the brands were recorded in the data cards. The audit record identified 80 local and international brands in total. The study identified 20 specific brands and their corresponding manufacturers whose items were found in most abundant amounts. The brands include — Cocacola, Pepsi, Mum, Pran, Zaa and Zee, Alooz, Matador Orbit, Lovello, Bashundhara tissue (packet), Fresh Tissue (packet), Lexus, Center Fruit, Fruit Fun, Pulse, Ruchi, Sunsilk, Derby, Tang, Benson and Hedges etc. Manufacturers to some of these brands are international and others are national or local brands. However, unbranded products were also found in abundant quantities from the field.

Results by Weight of SUPs:

The collected plastic scraps were quantified using two distinct parameters- weight and number. To measure the weight, some specimen/samples from the study location were brought back to ESDO office to measure unit weights. This weight was measured using standard weighing machine. By multiplying the unit weight with the number of items, total weight for a corresponding brand was measured. The results are presented in the following Table.

Table: Brand wise Weight of the audited single use plastics.

Brand Name	Manufacturer Name	Weight (kg)
Cocacola	Cocacola	8.67
Pepsi	Pepsico	4.02
Unbranded	Unbranded	2.34
Mum Mineral Water	Partex Beverage	2.31
Pran	Pran	1.13
Zaa and Zee	Zaa and Zee	1.12
Alooz	Bombay sweets	0.79
Matador Orbit	Matador Company	0.78
Lovello	Taufika Foods and Agro Industries	0.72
Bashundhara Tissue	Bashundhara Paper Mills Limited	0.53

Fresh Tissue	Meghna Group of Industries	0.28
Lexus	Danish	0.20
Cednter Fruit	Perfetti Van Melle	0.19
Fruit Fun	Bisk Club	0.18
Pulse	Olympic	0.14
Ruchi	Square Food & Beverage Limited	0.13
Sunsilk	Unilever	0.13
Derby	British American Tobacco	0.10
Tang	Mondelēz International	0.06
Benson & Hedges	British American Tobacco	0.05
Others	Others	1.31
	Total	25.20

Plastic bottles of Cocacola brand have been found to contain the highest amount of weight. This may be attributed to comparative higher weight of plastic bottles. On the contrast, tobacco products, being extremely light, account for relatively lower weight. According to weight wise calculation, the most dominant manufacturers recorded include – Cocacola, Pepsico, Partex Bevarages, Pran and Zaa and Zee. A key finding also suggests that, unbranded products also account for considerable weight. Relative percentages (by weight) of the identified top corporate polluters have been illustrated in the following graph:

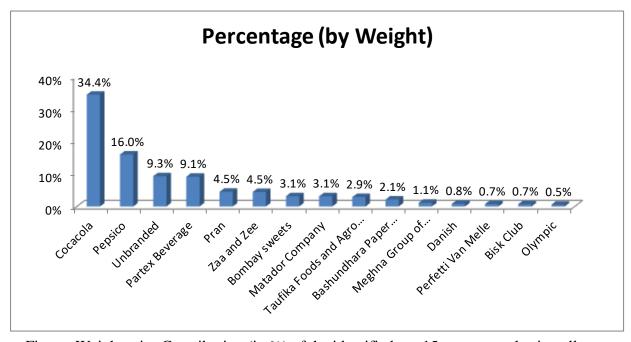


Figure: Weight-wise Contribution (in %) of the identified top 15 corporate plastic polluters

• Result by Quantity (in Number):

The collected single use plastic items were counted at the time of collection and the aggregated number has been measured to be 5008. These items belong to different local and international brands. The result has been illustrated in the table below:

Table: Brand wise quantity (in number) of the audited single use plastic

Brand Name	Manufactures' Name	Number of Items
Pran	Pran	756
Derby	British American Tobacco	522
Center Fruit	Perfetti Van Melle	467
Pulse	Olympic	458
Zaa and Zee	Zaa and Zee	312
Cocacola	Cocacola	289
Benson & Hedges	British American Tobacco	234
Lovello	Taufika Foods and Agro Industries	201
Bashundhara	Bashundhara Paper Mills Limited	184
Alooz	Bombay sweets	182
Mum	Partex Beverage	176
Lexus	Danish	157
Fruit Fun	Bisk Club	136
Pepsi	Pepsico	134
Unbranded	Unbranded	130
Sunsilk	Unilever	119
Matador	Matador Company	115
Fresh	Meghna Group of Industries	96
Ruchi	Square Food & Beverage Limited	89
Tang	Mondelēz International	72
Others	Others	179
	Total	5008

The information from the table suggests that, food wrappers of various food items of Pran were the most abundant in number among the collected scraps. Pran is an extremely popular brand in Bangladesh and their items are famous in both urban and rural areas. As a result, discarded single use plastics from their items are naturally high. Other top manufacturers / brands

include- British American Tobacco, Perfetti Van melle, Olympic, Za and Zee, Coca Cola, Taufica Food and Agro industries etc. Discarded items from these brands were found in the highest numbers among all.

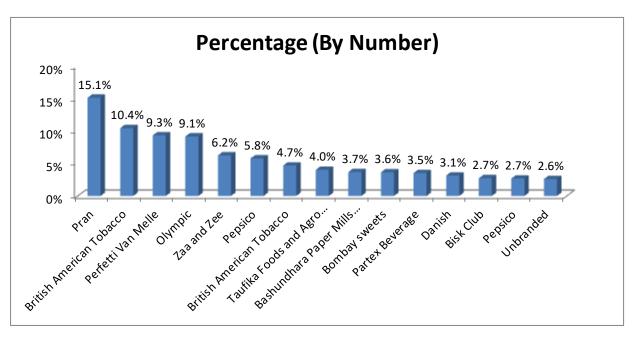


Figure: Number/Quantity- wise contribution of the identified Top 15 corporate plastic polluter

Outcomes:

- Top corporations that are responsible for generating most amounts of plastics in the study location have been identified from the audit records.
- The event served as a Campus Clean Up activity. The entire campus was thoroughly cleaned and the plastic wastes were removed from the campus premises.
- > The students as well as other participants were made aware of the harmful consequences of single use plastic usage.
- The results were registered into the Global Brand Audit Platform.
- Recommendations received from different groups of stakeholders.

Limitations:

Adverse Weather Condition:

The event activities were hampered due to continuous bad weather condition in the event location. During the event day, the movement of the participants was halted to some extent by

heavy precipitation condition. However, owing to the overwhelming enthusiasm of the event volunteers, bad weather condition failed to create significant impedance towards successful completion of the event

Financial constraints:

Due to funding limitations, increased number of volunteers could not be engaged. A microfund of 300 USD had been received from the break free from plastic movement authority in this regard but the received amount was not sufficient enough to facilitate the involvement of a larger number of volunteers. Hence, ESDO and Begum Rokeya University Authority jointly funded the event.

Conclusion:

Single use plastic creates significant adverse environmental and health impacts throughout its entire lifecycle. From the Brand Audit result, it has been evident that, some popular corporations are mostly responsible for generating the largest amounts of single use plastics from our daily use. These corporations need to be aware of the fact and should urgently take immediate actions to minimize their contribution. It is no longer acceptable for companies to continue making a profit by pumping out toxic single-use plastic and expecting communities and local governments to shoulder the burden. Until consumer goods companies like Coca-Cola, Nestlé and PepsiCo embrace the real solution—reusable packaging—we will continue to find their plastic polluting oceans, waterways and communities around the world for generations to come. Companies must take immediate and ambitious action to eliminate single-use plastic packaging through investment in reuse and refill models.

Recommendations:

 Identified plastic polluter corporations should adopt sustainable, biodegradable and environment friendly alternatives to plastics for the greater sake of health and environment.

- Govt. should pass regulation on controlling manufacture, use and import of all forms of single use plastics in urgent basis.
- Organic and environment friendly alternatives to single use plastic and products such as
 paper packaging, leaf made products, bamboo sticks etc should be promoted.
- Cost effective business models to run the businesses of alternative goods should be developed and widely promoted.
- Capacity building of local manufacturers in producing sustainable and environment friendly alternatives through education and training.

Appendices:

News Coverage:

Online News Platform:

Campus live 24: <a href="https://www.campuslive24.com/rangpur-campus/26261/%E0%A6%AC%E0%A7%87%E0%A6%B0%E0%A7%8B%E0%A6%AC%E0%A6%BF%E0%A6%B6%E0%A7%8B%E0%A6%AC%E0%A6%BF%E0%A6%B6%E0%A7%8D%E0%A6%AC-%E0%A6%A6%BF%E0%A6%BF%E0%A6%B6%E0%A7%8D%E0%A6%9B%E0%A6%A8%E0%A7%8D%E0%A6%A8%E0%A6%BF%



2. Goodnews.com:

https://goodnews.com.bd/education/2336/%E0%A6%AC%E0%A7%87%E0%A6%B0%E0%A7%8B%E0%A6%AC%E0%A6%BF%E0%A6%A4%E0%A7%87-

%E0%A6%AC%E0%A6%BF%E0%A6%B6%E0%A7%8D%E0%A6%AC-

%E0%A6%AA%E0%A6%B0%E0%A6%BF%E0%A6%9A%E0%A6%BF%E0



Facebook Posts:

Facebook Post 01:

 $\frac{\text{https://www.facebook.com/photo.php?fbid=1406239756191162\&set=pcb.1406242102857594\&type=3\&tn=HH-}$

 $\frac{R\&eid = ARApYC55lqrs6pBS56Yx9OvXVISTVm8Rjl0xHJ3K7RzfSqUxgJhAKyd0LzCQtN0qBaCMgkTCAO3F}{1119}$

Single use plastic creates immense havoc to human and environment in Bangladesh. Today, as part of global brand audit under the Break Free From Plastic movement, Environment and Social Development Organization-ESDO organized #BrandAudit2019 and "World Cleanup Day" together with Begum Rokeya University-BRUR in the Northern part of Bangladesh, Rangpur. The audit is now going on 100 students of BRUR are collecting single use plastics packaging in the campus. Due to heavy rainfall volunteers are in trouble. But they are moving on the brand audit. More updates will be coming soon.... #breakfreefromplastic



Facebook Post: 02

https://www.facebook.com/photo.php?fbid=1409070795908058&set=a.149924825156001&type=3&eid=ARDt1OYzQeZ3JbNsSkp712Ce7ZswpxX72yFhsOUym-K69li0QzRbUjlfyA6jMYQAd3OfpvzSHzWejcRS



Facebook post 03:

https://www.facebook.com/photo.php?fbid=1409083375906800&set=pcb.1409084155906722&type=3 & tn =HH-R&eid=ARB0eK5eaOtpGtSCBsB1qb1iUMZheg7gFNs aCi7aq1S7nR8kFZhtHpPPeNBx-S - njjg79j61qa zKG



Banners:

World Cleanup Day Brand Audit of Single Use Plastic

একবার ব্যবহার উপযোগী প্লাস্টিককে না বলুন

Stop Single Use Plastic

Begum Rokeya University Campus, Rangpur











break free from plastic

Towards Plastic Pollution Free Future!







Top Corporate Plastic Polluters in Bangladesh, 2018 PERFEUT

















Reference: ESDO Study, 2018

Certificate Design:



T-shirt Design:



Registration Sheet of the volunteers:



-	(ESDO) free from plastic			PLASTIC SOLUTION	- TOND	ELEMIN S
	Name	Class	Department	Contact Number & Email	Signature	
11.	LINGKON BOSUNIA		Sociologi	01751321188	Lhi	Group-
12.	MT. SHA MSUNNMHIR KHAN		Sociology	01302120366		03
13	most sunovi Aktan				Shamsunnak	
14			Sociology		Suron	
	MAHMUDUL HASAIV		~	01922481229	me	
15	MD. SHAFTKULISLAM		T Į	0	Shafital	
16	RAUNAK JAHAN MOUSHI		Green north and Environmental	01797-881283	10	Group-
17	MD. ASHIKUR RAHAMAN		Science.	0790297297	Ashikura	04
8	NIRUPOM RAY		и	12/2 11/001	Nirupon	
9	MST. ZANNATUN FAROOUSI		(r		Zanandun	
0	WARAYAN CHANDRA RAY		4	07240293124	Am	
				- 121021.3129	Win	

LO	spo free from plastic			- The same of the		Jarre .
	Name	Class	Department	Contact Number& Email	Signature	
21	MOST AFSANA AKTER		Groography and Engironment	01792823554	Alsana	Group-
22	TUSHAR CHANDRA		11		Tushon.	05
23	MD. ROKONUZZAMAN		t1	01757687302	Riemo	
24	SOHAGIALI		77		Zansa	
25	RAKIBUL ISLAM		η	01785492760	pro-	
26	SUDAN KUMAR PAUL		LN	01750706288	Suja	Group -
27	MYDUJJAMAN		44	01723074843	mpe	06
28	MD: OMAR FARUK				COAL	
29	MO. SHAHRIAR ISLAM				Shahriara	
30	MD. TASRIFUL ISLAM		и	01793882105	Taukir	

	free from plastic			PLASTIC SOLUTION	45 FUND	
	Name	Class	Department	Contact Number & Email	Signature	
31	MST. YEASMIN AKTER		Disasten	01755158898	র্থমাদুদ্দিন সোক্তার	Group -
	SARMIN AKTER		11		Sammin	07
33	SOYFA AKTER		22		soyfa	
34	AYESHA AKTER ASHA		M		6000	
35	MD. MEHEDE HASAN		**		(अ एक्टी	
36	MOURIN AKTER		υ		Nourcin	Group -
37	MD. SHAMIM HOSSAIN		ч		Shamin	08
38	MOST SAMAUN KHAHN		"		Samarn	
19	MD. LIYAKAT ALI		17		LIYAKAT	
0	SHONGHOMITER CHAKROBORITY		11		SHONGHOMOTO RA	

(#break free from plastic			PLASTIC SOLUTION	TOND .	
	Name	Class	Department	Contact Number& Email	Signature	
AT	ASHBA ASHRAFI				ASHRAFI	Group -
42	MOST. TARIN AKTER				TARIN	09
43	JUICY JAFRIN				Julcy	
44	ROUSONARAAKTER RETU				RETU	
45	MD. HASANUR KIBRIA				KIBRIA	
46	SHOHAGE ROY Chandra				Shehag	Group -
47	POPY RANI PAL				Popy	10
48	RAKIBUZZAMAN				Rakily	
49	MANIK RAY				MANIK	
50	MD.SHAHABUDDEN				Shahab	

T	Name	Class	Department	Contact Number& Email	Signature	
51	MO SAKIB AL HASAN	Hon·S	Sociology	01749531939	Sakib	Group -
52	Sariya TASNIM	Honis	Sociology	01737894143	Sariya	11
53	SUMBOVA KHATLER	Horris	Sociology	01787-99929	Sumana	
54	MD. SHAHJAHAN ISLAM	Homis	Bocoology	01738-032068	बाएवारात	
55	MD. Anwar Hossain	Hones	Socialogy	01796707424	Rana	
56	SHARMIN RIMA	Hons	Socio logy	01744-583292	Bims .	Group -
57	PINTU KUMAR GHOSH	Hon's	speiology		pindu	12
58	AMIT CHOWIDHURY	Hon's	Sociolog y		Amit	
59	MD. IMRAN HOSSAIN	Hon:S	Sociology		Imrian	
60	MO. ZAHID HASAN	1ton's	sociology		(Jalie	

(1)	free from plastic			PLASTIC SOLUTIONS	NAME OF TAXABLE PARTY.	alle
	Name	Class	Department	Contact Number& Email	Signature	
	DEBOSREE SARKER	Mse	Greag trophy and Environmental Science	01774476183	Debosnee	Group -
	GAWSUL AZAM	MGa	N.		পাটপুর	13
	SOHANUR RAKIB	Bse	u		8m	
i.	RUKATA AMINT	BSe	ч		Rukaia	
	MD. ABUL BASAR RONY	Bsc	11		অাধুন বাসার	
	MAHBUBA KHANOM	Msc	N	01738 150335	Mahbubai thoom	Group -
	UMMEHANY RUKU	Mse	L1		Ummehany	14
	MSF. RAHIL AKTER	Bsc	ч		Rahil	
	MD SOHANUR RAHMAN	BSC			Sohanur	
	MD. MEHEDI HASAN	65°	ч		সেহদী	

G	#break free from plastic			PLASTIC SOLUTION		
	Name	Class	Department	Contact Number & Email	Signature	
71	SUMATYA AFROJ	Bsc	"Dsm	01740-870021	sumaiya	Group -
72	FARIHA TABASSUM	Bsc	Dsm	6	FARIHA	15
73	MD. ARIF HOSSAIN	Bsc	Dsm		আম্বিফ	
7.4	MD: ANGLUE BASHA	Bsc	Dem		* Meda	
5	SHIFAT- ARA AURMA	BSC	DSM		Shësat.	
6	RIFAT ARA MISHU	BSC	DSM	01750391665	mishu	Group -
7	ABDULLA AL MASUD				MASUD	16
8	MD. NASIM BILLAH				Nasim	
9	MA DELUAR HOSSEN RUMO	N			Rimon	
0	SHAHRIER KABIR ABOULAH				ABOOLA H	

G	free from plastic		0	PLASTIC SOLUTION	FUND	
	Name	Class	Department	Contact Number & Email	Signature	
81	Roquia Salam			01783-068826	Roquia	Group -
82	BONOSRIGHOSE			0/	Behave	17
83	AIYUB ALI				Aijab	
84	PALASH SARKAR				शंसाका	
85	MD. MERAZUR RAHMAN				at-	
86	Rona Masud			01787920296	Rana.	Group -
87	MOST JANNATUL RAIYAN ASHA				ক্রাক্সন ক্রাক্সন	18
88	Jahanana Habib Zesha				Forms-	
89	Sima Rani Sanker				वीमा	
90	Apore na chakreabardy kakaly				BIATAN	



Festoons:



Just say NO to Plastic, Think, Act & Save





Brand একবার **Audit of** Single Use **Plastic** 2019





Human Decopose but **Plastics** Don't







#breakfreefromplastic



#breakfreefromplastic





Pictorial:





















