

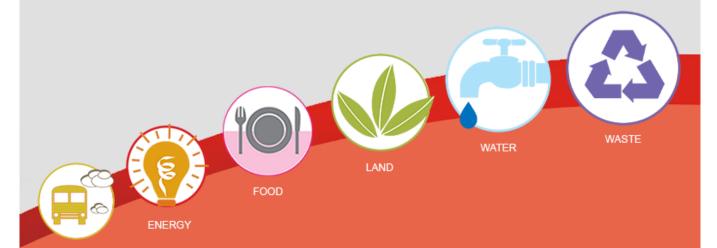
Responses for Green Schools Programme Audit 2016

School Name: INDIRAPURAM PUBLIC SCHOOL

Address: C-BLOCK, SECTOR-12, PRATAP

VIHAR, GHAZIABAD, GHAZIABAD, GHAZIABAD, Uttar Pradesh, India

Coordinator Name: Ms SHALINI SINGH



Green Schools Programme

Centre for Science and Environment

41, Tughlakabad Institutional Area, New Delhi. India - 110062

Tel: +91-11 29955124, 29956110, 40616000

http://www.greenschoolsprogramme.org/

SCHOOL PROFILE

INDIRAPURAM PUBLIC SCHOOL

2 Address

C-BLOCK, SECTOR-12, PRATAP VIHAR, GHAZIABAD, GHAZIABAD, GHAZIABAD, Uttar Pradesh, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 120 (NUMBER) 2840031

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9873647018

5 Principal Name

RENU SHARMA

6 GSP Coordinator Name

Ms SHALINI SINGH

GSP Coordinator Email

shalini.singhlko@yahoo.co.in

GSP Coordinator Mobile Number

(ISD)91 (Number) 8467080222

g Category Of The School

Day Scholar

10 School Shifts

Morning

GENERAL QUESTIONS

How many levels does your school have?

Lowest level of grade:1 Highest level of grade:12

ls your school single gender or mixed gender?

Mixed/Co-education

Which board of education does the school follow?

Central Board of Secondary Education

Total permanent population of the school

	Male	Female	Total
Students	707	398	1105
Teachers	7	58	65
Non-Teaching Staff	32	23	55
TOTAL	746	479	1225

4(b) How many visitors visit your school

30

What is the total number of working days of your school in a year?

218

Month(s) in which the GSP audit was carried out?

Oct

Where is the school located?

Urban Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Ms Pooja Bhasin	Ms Pooja Bhasin

Administrative staff

Sno.	Name	Email
1.	Mr Jain Kumar	indirapuramps.pv@gmail.com
2.	Mr Rahul	virajkasana27@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Anchal Yadav	malkhan.y.785@gmail.com	8
2.	Kasak Yadav	darvesh15@gmail.com	8
3.	Garima	amarkumar2128@gmail.com	9
4.	Anshika Poddar	anshikapoddar4@gmail.com	8
5.	Divyam Munjal	nishthamunjal@gmail.com	9
6.	Abhishek Gupta	abhishekkharakwal1182002@gmail.com	9
7.	Abhishek Gupta	kedarnathgupta1961@gmail.com	6
8.	Aniket Kr Singh	shobhnath_s@rediffmail.com	6

Task 2: Are the rooms in your school well-ventilated?

How many classrooms does your school have?

40

Window-floor ratio of classrooms in the school.

Details of the classroom (e.g. Class II section b)	X = Area of floor (LxB)	Y = Area of openings (LxH)	Percentage of the floor area being ventilated (Y/X x 100)
IXA	464.00	98.00	21.12
XA	464.00	98.00	21.12

VIA	425.00	138.00	32.47
XIA	425.00	98.00	23.06
IIIA	425.00	138.00	32.47
IIA	425.00	138.00	32.47
VA	425.00	138.00	32.47
IVA	425.00	98.00	23.06
UKGLOTUS	464.00	98.00	21.12
LKG ROSE	464.00	98.00	21.12
TOTAL	4,406.00	1,140.00	

Task 3: How eco-friendly are the vehicles in your school?

What is the ownership used by the vehicles used in your school? Please choose what is applicable?

School-owned vehicles

Provide details of school-owned motorized vehicles .

	Buses	Cars	Vans	Others	Total
No. of vehicles	09	2	2	00	13
No. of vehicles more than five years old	00	02	1	00	3
Air conditioned	00	2	0	0	2
No. of vehicles with PUC done	09	02	02	00	13
Parking area (m2)	190	11.28	0	0	201.28

Supporting Documents

1. PUC CERTIFICATES.pdf

Specify the type of fuel used by your school vehicles:

	Diesel	Petrol	LPG	CNG	Electric	Hybrid
Bus	03	00	00	06	00	0
Car	01	01	00	00	00	0
Van	01	01	00	00	00	0
Other vehicles	0	0	0	0	0	0
SUB-TOTAL	5	2	0	6	0	0

- 1. gasbill.pdf
- 2. Gas bill October.pdf
- 3. Fuel bill Sep.pdf
- 4. fuel aug.pdf
- 5. Audit pics.pdf

Task 4: How do you travel to school every day?

How many members of the school community use each type of transport:

	Students	Teaching Staff	Non Teaching Staff	Total
Schoool Bus	316	28	1	345
Public Bus	0	2	0	2
School Transport(Other than bus)	5	4	0	9
Public transport (other than bus, Metro, car pool)	108	0	3	111
Taxi four-wheeler	0	00	0	0
Taxi three-wheeler	101	0	0	101
Personal four-wheeler	0	6	1	7
Personal two-wheeler	0	10	5	15
Bicycle	64	0	10	74
On foot	511	15	35	561

Others (non-motorised)	0	0	0	0
SUB-TOTAL	1105	65	55	1225

Task 5: How good is the air you breathe in your school?

How many students suffer from respiratory ailments?

41

Does the school laboratory have air quality monitoring equipment?

No

No documents uploaded by the school.

If No, is there an air quality monitoring station (private or government) close to your school?

No



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	Ms Parul Gaur	gaurparul5@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr harinder	indirapuramps.pv@gmail.com
2.	Mr Rahul	indirapuramps.pv@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Akshat	indirapuramps.pv@gmail.com	6
2.	Akansha	indirapuramps.pv@gmail.com	6
3.	Yashdeep	indirapuramps.pv@gmail.com	7
4.	Manan	indirapuramps.pv@gmail.com	7
5.	Priyanshi	indirapuramps.pv@gmail.com	8

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. Electricity bill For the month of October.docx

2

Does your school have its own vehicles?

Yes

3

Provide the details of total energy consumed by the school

	Quantity consumed/monthly average	Energy consumed in Megajoules (MJ)	Type of use
Electricity from the board (kwh)	6490	23364.00	1,5,2
Electricity from generator (diesel) (litres)	93.11	4245.82	1
Petrol (litres)	182.46	8520.88	4
Diesel (litres)	772.193	35212.00	4,1
CNG (kilogrammes)	1297.28	67977.47	4
Kerosene (litres)	0	0.00	0
Coal (kilogrammes)	0	0.00	0
Wood (kilogrammes)	0	0.00	0
Animal waste (kilogrammes)	0	0.00	0
Solar (kwh)	0	0.00	0
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	19	980.40	3
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	8854.04	140300.57	

- 1. Fuel bill Sep.pdf
- 2. fuel aug.pdf
- 3. Gas bill October.pdf
- 4. gasbill.pdf

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	3	1.5	yes
Refrigerator	1	280	yes

Microwave	2	10 lit	yes
Tube Lights	72	40	no
CFL Bulbs	418	27	yes
LED Lights	25 and 52	9 and 5	no
Fans	338	60	yes

- 1. IMG-20161117-WA0022.jpg
- 2. IMG-20161117-WA0008.jpg

Task 3: Is your school using any renewable sources of energy?

What is the average number of sunny days in your area?

25

Are there any alternate sources of energy employed/ installed in your school?

No

No documents uploaded by the school for energy chapter.



Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	Ms Haritima Pasricha	pasrichaharitima07@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ms Shalini	shalini.singhlko@yahoo.com
2.	Ms Bhavna	bhavnaarora1323@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Akshat	akshat15@gmail.com	6
2.	Akansha	indirapuramps.Pv @gmail.vcom	6
3.	Manan	indirapuramps.Pv @gmail.vcom	7
4.	Yashdeep	indirapuramps.Pv @gmail.vcom	7

Task 2: Find out about the food service in your school.

Does your school have a provision/space to sell packaged food items within the campus

Does your school serve midday meals?

Yes

Yes

No documents uploaded by the school.

Task 3: What kind of food is served/sold in your school

What kind of food is being served / sold in your school

	Please count all flavours/variants available in the school canteen separately	Total number of items sold in a month in the canteen	Month the food items were sold in
Savoury snacks and similar packaged food like chips, Kurkure, Cheetos, potato crisps, corn snacks, nuts and seeds, etc	9	50	10
Instant Noodles like Knorr, Cup-a- noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	0	0	0
Potato fries and Burgers	4	100	10
Confectionery items (chocolate, candies, gums)	6	300	10
Ice-cream	0	0	0
Carbonated beverages	0	0	0
Sugar sweetened noncarbonated beverages	4	150	10
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	0	0	0
Packaged/Bottled Energy Drinks	0	0	0

1. IMG-20161117-WA0017.jpg

Does your school serve traditional Indian snacks?

Yes

Please provide the details:

	Number of plates sold when on the menu
Samosas	25
Idli/vada and sambhar	10
Pav bhaji	10

Momos	0
Others	0

4(b) Give descriptions for rare local snacks served in your school:?

Chole Bhature,veg Khichdi, veg Dalia, Rajma rice,,veg pulao, poori aaloo,bread rolls, aloo parantha etc

Does your school serve traditional Indian beverages?

No

Task 4: What kind of food does your school promote?

Does the school distribute packaged food items as rewards during schools events?

No

Does the school distribute chocolates/similar products as refreshments during schools events?

Yes

7(a) Please provide the names?

chips, muffins

Are your school events such as quiz shows, talent shows, debates sponsored by food companies/brands?

Yes

Does the school distribute packaged food items as rewards during schools events?

Dabur chawanprash, nestle milk

Are their banners, brochures, hoardings, stalls etc. put-up during the events?

Yes

Supporting Documents

- 1. IMG-20161117-WA0019.jpg
- 2. IMG-20161117-WA0018.jpg
- 3. IMG-20161117-WA0017.jpg



Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Ms Parul Gaur	gaurparul15@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ms Shalini	jric.indirapuramps.pv@gmail.com
2.	Mr Sunil	indirapuramps.pv@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Harshit		9
2.	Jigyanshi		9
3.	Sanskriti		8
4.	Anushka		9
5.	Garvit		9

Task 2: Measure the four critical areas of your school campus

Complete the table:

	Your school's area
Site area in square meter (m2)	7,820
Ground coverage area	1,880
Green landscaped area on-ground	800
Surface parking area	202
Play area that is paved/ concrete on ground	1,643
Play area that has grass on ground	2,616
Service Area on ground	521

Roof and terrace area	668
Green cover on exposed roof & terrace	0
Total built up/constructed area	6,409
Total no. of floors	3
Others	647

Task 3: Explore the number of species of plants and animals in your school

How many species of plants and animals exist in your school?

	Native	Exotic	Total
Plants	75	0	75
Animals	16	0	16

Task 4: Find out if your school uses pesticides

Do you use chemical based pesticides in your school green cover?

No

Supporting Documents

- 1. Building Construction Plan.pdf
- 2. Land.pdf



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Ms Parul Gaur	gaurparul5@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr Harinder	indirapuramps.pv@gmail.com
2.	Mr Rahul	indirapuramps.pv@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Akshat Sharma		6
2.	Akanksha		6
3.	Divyanshi		6
4.	Yashdeep	yashdeep984@gmail.com	7
5.	Manan		7
6.	Mayureshwar		8
7.	Priyanshi Gaur		8
8.	Pratyaksh	Pratyaksh999@ gmail.com	8
9.	Daksh Sharma		7
10.	Siddhant		7

Task 2: How much water does your school use?

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)
Drinking	3000
Toilet flushing	6000
Personal cleaning	1000

Washing clothes	20
Cooking	10
Cleaning Utensils	20
Washing Vegetables	5
Mopping floors	500
Gardening	5000
Total	15555

Task 3: What are the sources, supply and storage of water in your school

Where does the water your school uses, come from?

Ground water

Who supplies the water in your school?

Municipality, School's own supply (bore well, rainwater harvesting facility, etc)

Does your school get daily water supply?

Yes

4(a) If supply of water is daily, please tick the correct option

19-24 hours

Task 4: What are the water conservation practices followed in your school?

What are the water conservation practices your school follows.

	Yes / No
Does your school have any water and sanitation policy?	Yes
If your school has an eco-club, do they have water component?	Yes
Do all tanks in the school have float valves installed to stop overflow?	Yes
Do the drinking water points have spill proof taps to check overflow?	No
Does your school use appliances with a quick-wash setting?	No
Are dual flush systems installed in the toilets?	No

Does your school encourage bottled water for drinking water?	No
Does your school grow local plant species which require limited amount of water to grow?	Yes
Has your school initiated any water conservation steps in the school or outside, in the past one year?	Yes
Does your school use a drip or irrigation system?	Yes
Any other step taken for water conservation? (if Yes, please specify)	Yes

- 1. water policy.jpeg
- 2. water bill.pdf

Task 5: Does your school harvest rainwater?

Do you have Rainwater harvesting (RWH) system in your school?

No

6(a) Calculate your school's rainwater harvesting potential (in litres).

18305

Task 6: Are the plumbing and sanitation facilities in your school adequate?

Please share details about sanitation and hygiene practices in your school.

	Yes / No
Does the school have separate toilets for males and females?	Yes
Are there sufficient toilets for women in your school?	Yes
Are there sufficient toilets for men in your school?	Yes
Are the toilets accessible and safe to use for children?	Yes
Are the toilets accessible and safe to use for differently abled children?	Yes
Are the toilets accessible and safe to use for differently abled staff (teaching and non-teaching)?	Yes
Are the toilets situated in the right location in terms of privacy and safety?	Yes

Yes

How many drinking water taps do you have?

29

9 How many hand pumps do you have?

0

How many ablution taps (taps used for washing hands only) do you have?

28

How many water closets (used for defecation and urination) do you have?.

	Girls	Boys	Common	Total
Number of toilets	14	14	1	29

How many urinals (strictly used for urination only) do you have?

20

How many other water outlets (example: taps in play fields, sprinklers, swimming pool) do you have?

6

Is there a water storage system in place to supply water in the toilets?

No

ls the water supply sufficient?

Yes

Are the toilets cleaned?

Yes

16(a) If yes, please specify

More than twice a day

Task 7: Does your school reuse/recycle waste water?

Does your school treat wastewater?

No

Does your school reuse the treated wastewater?

No

18(a) Please specify the fate of wastewater

Used for groundwater recharge

Supporting Documents

1. Water dox.pdf



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	MS Shraddha Singh	shraddha_singh529@yahoo.co.in

Administrative staff

Sno.	Name	Email
1.	Mr Rahul	indirapuramps.pv@gmail.com
2.	Mr Harinder	indirapuramps.pv@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Shruti Sharma	shruti27827@gmail.com	9
2.	Aryan Sharma	indirapuramps.pv@gmail.com	9
3.	Srishti Chaudhary	indirapuramps.pv@gmail.com	9
4.	Niyati tyagi	indirapuramps.pv@gmail.com	9
5.	Anshuman Dubey	indirapuramps.pv@gmail.com	9
6.	Shreyash	indirapuramps.pv@gmail.com	9
7.	Diksha	indirapuramps.pv@gmail.com	8
8.	Anushka	indirapuramps.pv@gmail.com	9
9.	Pratham	indirapuramps.pv@gmail.com	9
10.	Diya	indirapuramps.pv@gmail.com	9

Task 2: What is the waste segregation system in your school?

Does your school segregate solid waste?

Yes

Who segregates the waste at source?

1. Housekeeping (Sweeper)

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	40	0	0	0	40
Playgrounds	2	0	0	2	0
Common area (e.g. reception, corridors)	13	0	13	0	0
Staffroom	2	0	2	0	0
Laboratory	2	0	2	0	0
Canteen	2	0	0	2	0
Clinic/ Sick room	2	0	0	2	0
Library	1	0	1	0	0
Toilets	12	0	12	0	0
Others	1	0	1	0	0
Total	77	0	31	6	40

Supporting Documents

- 1. IMG-20151020-WA0048.jpg
- 2. IMG-20151029-WA0013.jpg
- 3. IMG-20161116-WA0034.jpg
- 4. IMG-20161116-WA0028.jpg

Task 3: How much waste does your school generate?

Determine the quantity of waste generated in your school. (in kilogram)

	Collection per month (Frequency may differ)
Garden/ horticulture waste	240
Kitchen waste	50
Paper	150

Plastic	25
Wood, glass, metal, classroom furniture	42
E-waste	5
Biomedical waste	1
Sanitary waste	3
Construction and Demolition (C & D) waste	40
Hazardous waste	1
Total Generated Solid Waste (in kilogram)	557

- 1. Students Collecting and Weighing Waste generated in different areas.pdf
- 2. weighing.pdf

Task 4: How much waste does your school recycle/treat?

Does your school recycle any generated waste?

Yes

Please provide quantity of which is applicable. (in kilogram)

	Quantity
Garden/ horticulture waste	240
Kitchen waste	50
Paper	145
Plastic	25
Wood, glass, metal, classroom furniture	40
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	40

Hazardous waste	0
Total (in kilogram)	540

Does your school have a composting facility?

Yes

Supporting Documents

1. Compost pit of the school.docx

What is the methodology used?

Natural composting without added microbes

What is the quantity of compost that is generated per month(in kilogram)?

10.00

What is the purpose of the compost that is generated per month?

For school garden

Does your school encourage students & teachers to reuse textbooks?

Yes

Table to understand whether internal or external waste recycling procedures are applied to waste.

	Local kabadiwala (the scrap collector)	Authorised dealer	Dumped at a designated community site	Internal procedure
Paper (e.g., used notebooks, used examination paper, subscription newspaper and magazines)	×	✓	×	×
Plastic (e.g. plastic bottles)	✓.	×	×	×
Horticultural waste	×	×	×	✓
E-waste (e.g. broken, unusable computers)	×	×	×	4
Hazardous waste (e.g. diesel fuel, battery)	×	×	✓	×

Wood,gla other scra	ss, metal scrap,	€	×	×	×	
from Nurs	al waste (e.g. waste se's room in school, -aids, syringe)	×	×	~	×	

No documents uploaded by the school.

Task 5: How does your school dispose waste?

8

What is the final destination for waste that is disposed of externally?

Designated dumping site (Dhalao)

Supporting Documents

- 1. IMG-20151020-WA0025.jpg
- 2. IMG-20151020-WA0028.jpg
- 3. IMG-20151020-WA0031.jpg
- 4. IMG-20161116-WA0027.jpg

9 Does your school burn waste?

No

Does your school have the following? If yes, please give the numbers.

	Total	Working conditions	Non-working condition
TVs	2	2	0
VCR or DVD players	0	0	
Refrigerators and freezers	1	1	
Washing machines	0	0	
Air conditioners	3	3	
Heaters	1	1	
Microwaves	2	2	

Ovens	0	0	
Toasters	0	0	
Electric Kettles	1	1	
Personal computers (CPU, mouse, screen and keyboard included)	47	47	
Laptop computer (CPU, mouse, screen and keyboard included)	2	2	
Notebook computers	0	0	
Notepad computers	0	0	
Printers	7	7	
Copying equipment (Photocopiers)	2	2	
Projectors	2	2	
Whiteboards	23	23	
Electrical & electronic typewriters	0	0	
Pocket & desk calculators	3	3	
Fax machines	0	0	
Telex	0	0	
Telephones	8	8	
Pay telephones	0	0	
Mobiles	1	1	
Answering systems	1	1	

No documents uploaded by the school.

11

Do you know that your E-waste can be collected by an authorised dealer or dismantler?

Yes

Supporting Documents

- 1. certificate.pdf
- 2. Recycling Certificate.pdf

Who collects your e-waste, when not in working condition?

Taken back by manufacturer

Task 6: School's initiatives

12

Does the school have a policy on waste?

Yes

Policy document

Waste policy.pdf

13

Are there awareness drives with regard to Reduce, Recycle and Reuse?

Yes

Supporting Documents

- 1. Efforts To Create Awareness.docx
- 2. Circulars.pdf
- 3. School intiatives.pdf
- 4. School initiative II.pdf
- 5. Glimpses of School Annual Function.pdf

13a

What form do these awareness drives take?

As part of the curriculum, By the showcasing of posters and stickers

14

Is the study of the environment integrated into the curriculum?

Yes

Supporting Documents

- 1. IMG-20151020-WA0026.jpg
- 2. IMG-20151020-WA0025.jpg
- 3. IMG-20151020-WA0044.jpg



FEEDBACK

1	Has your school participated in the Green Schools Programme (GSP) Audit before? Yes
1(a)	If yes, then in which year did your school first participate in the GSP Audit? 2015
1(b)	If yes, how many times have you done the audit? 1
2	Have teachers from your school participated in teacher interactive workshops organized by the GSP team? Yes
3	Did you find the online information relevant to your environmental education activities? Yes
4	Was the audit easy-to-understand and self-explanatory? No
5	Did you understand the present format of the GSP? Yes
6	Do you think your school will be a Green School (resource efficient) by 2019? Yes

Aspect	Good / Average /Bad
Content	Good
Distribution of time among tasks	Good
Sequencing of tasks	Good

What would be the help required to make your school a Green School?

How would you rate the overall design of the audit?

Rain water harvesting unit

Orientation for conducting tasks	Average

Would your school like to recommend any topic/s that you strongly feel should be added or deleted in the audit?

No

Could you finish all the tasks in given period of time online?

Yes

How many times did you contact the Green Schools Programme Team for guidance and counseling?

More than twice

Water being the focus this year, did you find the questionnaire in Water section helpful to make your school understand how to become water efficient?

Yes

Did your students enjoy doing the Water activities?

Yes

How many students were involved in the activities?

40.00

Checklist of uploaded documents

- 1. PUC certificates of not more than five buses
- 2. Fuel Bills
- 3. Picture of School owned vehicles
- 4. Electricity Bill
- 5. Picture of 5 star appliances used by school
- 6. Picture of Mid-day meal being served
- 7. Photographs of lunch boxes
- 8. Picture of Canteen selling UPPF
- 9. Traditional food items sold in canteen
- 10. Pictures of Green Cover
- 11. Pictures of landscaped area
- Building construction plan
- 13. Pictures of bio-pesticides
- 14. Pictures of dustbins in classroom showing segregation at source
- 15. Pictures of playground with more than two dustbins
- 16. Picture of audit team weighing solid waste
- 17. Picture of types of solid waste generated
- 18. Pictures of recycling units composting pit, paper recycling machine, selling paper to kabadiwala, recyclers, etc
- 19. Pictures of housekeeping staff disposing different types of solid waste

- 20. Pictures of Electronic items used by school and storage of non-working electronic items
- 21. Certificate of disposing e-waste from authorised dealer/dismantler
- 22. Waste Policy
- 23. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
- 24. Pictures of respective audit teams doing survey