

Responses for Green Schools Programme Audit 2016

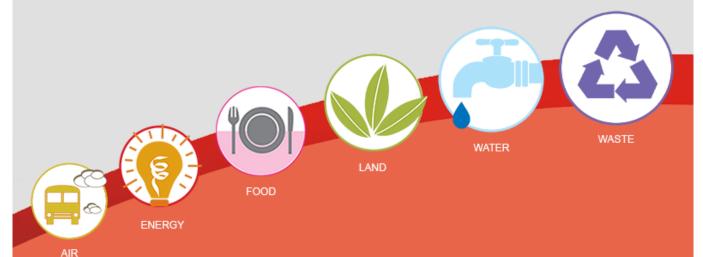
School Name: SATABHAUNI UCHA BIDYAPITHA

Address: SATABHAUNI BAZAR, KORKORA,

SATABHAUNI BAZAR, KORKORA,

BHADRAK, Bhadrak, Odisha, India

Coordinator Name: BIJAYA KUMAR MISHRA



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

SATABHAUNI UCHA BIDYAPITHA

2 Address

SATABHAUNI BAZAR,KORKORA, SATABHAUNI BAZAR,KORKORA, BHADRAK, Bhadrak, Odisha, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 06784 (NUMBER) 240473

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9439386559

5 Principal Name

ANJULIKA BISWAS

6 GSP Coordinator Name

BIJAYA KUMAR MISHRA

GSP Coordinator Email

bijayam38@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9438395403

g Category Of The School

Day Scholar

10 School Shifts

Morning

GENERAL QUESTIONS

How many levels does your school have?

Lowest level of grade:6 Highest level of grade:10

ls your school single gender or mixed gender?

Mixed/Co-education

Which board of education does the school follow?

Other: 'bse,odisha'

Total permanent population of the school

	Male	Female	Total
Students	131	118	249
Teachers	3	6	9
Non-Teaching Staff	4	0	4
TOTAL	138	124	262

4(b) How many visitors visit your school

5

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

240

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

May, June, July, Aug, Sep

Where is the school located?

Rural Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Bijaya kumar Mishra	Bijaya kumar Mishra
2.	Narendra Kumar Nayak	nayak.narendra1@gmail.com

Administrative staff

Sno.	Name	Email
1.	Anjulika Biswas	
2.	Bijaya Kumar Mishra	bijayam38@gmail.com
3.	Arati Mohanty	
4.	Jayantirani Dash	
5.	Jagannath Patra	

Students

Sno.	Name	Email	Grade/Class
1.	satyadeep Behera	satabhauniubidyapitha@gmail.com	9
2.	Amish Kumar Swain	bhauniubidyapitha@gmail.com	9
3.	Sarita Mohanty	bhauniubidyapitha@gmail.com	9
4.	Subhashree nayak	bhauniubidyapitha@gmail.com	9
5.	Sidheswar Jena	bhauniubidyapitha@gmail.com	9
6.	Khirod Chandra Behera	bhauniubidyapitha@gmail.com	9
7.	Sreetam Jena	bhauniubidyapitha@gmail.com	8
8.	Ganesh Chandra Panigrahi	bhauniubidyapitha@gmail.com	8
9.	Prativa Ghadei	bhauniubidyapitha@gmail.com	8
10.	R.S.Jyoti	bhauniubidyapitha@gmail.com	8

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

How many classrooms does your school have?

5

Window-floor ratio of classrooms in the school.

2

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)
10	20.00	15.00	75.00
9	20.00	15.00	75.00
8	10.00	10.00	100.00
7	10.00	10.00	100.00
6	10.00	10.00	100.00
			0.00
			0.00
			0.00
			0.00
			0.00
TOTAL	70.00	60.00	

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 does not use or own vehicles

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	0	0	0	0
Public Bus	0	1	1	2
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	0	0	0
Taxi four-wheeler	0	0	0	0
Taxi three-wheeler	0	0	0	0

Personal four-wheeler	0	0	0	0
Personal two-wheeler	0	7	2	9
Bicycle	180	0	1	181
On foot	69	1	0	70
Others (non-motorised)	0	0	0	0
SUB-TOTAL	249	9	4	262

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



0

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?

Yes



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	Bijaya kumar MIshra	bijayam38@gmail.com
2.	Jayantirani Dash	jrdash1985@gmail.com
3.	Narendra Nayak	satabhauniubidyapitha@gmail.com

Administrative staff

Sno.	Name	Email
1.	Anjulika Biswas	satabhauniubidyapitha@gmail.com
2.	Bijaya kumar MIshra	bijayam38@gmail.com
3.	Jayantirani Dash	jrdash1985@gmail.com
4.	Arati Mohanti	aratimohanty088@gmail.com
5.	Jagannath Patra	jagannathpatra54@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Amish ku swain	satabhauniubidyapitha@gmail.com	9
2.	Satyadeep Behera	I.comsatabhauniubidyapitha@gmai	9
3.	Sarita Mohanty	satabhauniubidyapitha@gmail.com	9
4.	Subhashree Nayak	satabhauniubidyapitha@gmail.com	9
5.	Soumya Ranjan Panda	satabhauniubidyapitha@gmail.com	9
6.	Bishnu priya Nayak	satabhauniubidyapitha@gmail.com	9
7.	Bichitra Jena	satabhauniubidyapitha@gmail.com	9
8.	shreetam Jena	satabhauniubidyapitha@gmail.com	8
9.	Prativa Ghadai	bhauniubidyapitha@gmail.com	8
10.	Sourav Nayak	satabhauniubidyapitha@gmail.com	8

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

No

No documents uploaded by the school.

Does your school have its own vehicles?

No

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)	1	3.60	1
Electricity from generator (diesel) (litres)	0	0.00	0
Petrol (litres)	5	233.50	1
Diesel (litres)	0	0.00	0
CNG (kilogrammes)	0	0.00	0
Kerosene (litres)	0	0.00	0
Coal (kilogrammes)	0	0.00	0
Wood (kilogrammes)	2.5	44.00	1
Animal waste (kilogrammes)	0	0.00	0
Solar (kwh)	0	0.00	0
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	0	0.00	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	8.50	281.10	

No documents uploaded by the school.

What appliances does your school have?

	Number	Size	BEE Star Rating
--	--------	------	-----------------

Air Conditioners	0	0	0
Refrigerator	0	0	0
Microwave	0	0	0
Tube Lights	4	40	1
CFL Bulbs	10	12	1
LED Lights	20	9	1
Fans	25	65	1

No documents uploaded by the school.

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



75

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.	Bijaya kumar Mishra	bijayam38@gmail.Com
2.	Arati Mohanty	Aratimohanty088@gmail.Com
3.	Jayantirani Dash	jrdash1985@gmail.Com

Administrative staff

Sno.	Name	Email
1.	Anjulika Biswas	satabhauniubidyapitha@gmail.com
2.	Bijaya Kumar MIshra	bijayam38@gmail.Com
3.	Jayantirani Dash	jrdash1985@gmail.Com
4.	Arati mohanty	Aratimohanty088@gmail.Com
5.	Arun Kumar Dutta	satabhauniubidyapitha@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Prativa Ghadai	satabhauniubidyapitha@gmail.com	8
2.	Shreetam Jena	satabhauniubidyapitha@gmail.com	8
3.	Ganesh ch. Panda	satabhauniubidyapitha@gmail.com	8
4.	R.S Jyoti	satabhauniubidyapitha@gmail.com	8
5.	Kartik Lenka	satabhauniubidyapitha@gmail.com	8
6.	Ankita Dash	satabhauniubidyapitha@gmail.com	7
7.	Priyanshu Nayak	satabhauniubidyapitha@gmail.com	7
8.	Bijay Biswal	satabhauniubidyapitha@gmail.com	8
9.	Satyajit Parida	satabhauniubidyapitha@gmail.com	8
10.	Aishurya Barik	satabhauniubidyapitha@gmail.com	6

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

1

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

No

Does your school serve midday meals?

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	2	4	1
Instant Noodles like Knorr, Cup-a- noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	0	0	0
Potato fries and Burgers	0	0	0
Confectionery items (chocolate, candies, gums)	0	0	0
Ice-cream	1	1	1
Carbonated beverages	0	0	0
Sugar sweetened noncarbonated beverages	1	1	1
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	1	1	1
Packaged/Bottled Energy Drinks	0	0	0

No documents uploaded by the school.

4

Does your school serve traditional Indian snacks?

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?

No

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

No

No documents uploaded by the school.



Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Bijaya kumar Mishra	bijayam38@gmail.com
2.	Narendra Nayak	bijayam38@gmail.com
3.	Jagannath Patra	bijayam38@gmail.com

Administrative staff

Sno.	Name	Email
1.	Anjulika Biswas	bijayam38@gmail.com
2.	Bijaya kumar Mishra	bijayam38@gmail.com
3.	Narendra Nayak	bijayam38@gmail.com
4.	Jayantirani Dash	bijayam38@gmail.com
5.	Jyoshnarani Rout	bijayam38@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Amish ku Swain	bijayam38@gmail.com	9
2.	Satyadeep Behera	bijayam38@gmail.com	9
3.	Sarita Mohanty	bijayam38@gmail.com	9
4.	Pravakar Parida	bijayam38@gmail.com	9
5.	Soumyaranjan Panda	bijayam38@gmail.com	9
6.	Sourav Nayak	bijayam38@gmail.com	9
7.	Nandin Mohanty	bijayam38@gmail.com	9
8.	Anisha Mohapatra	bijayam38@gmail.com	10
9.	Ashamani Nayak	bijayam38@gmail.com	10
10.	Binita Panda	bijayam38@gmail.com	10

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

Complete the table:

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Site area in square meter (m2)	70,000
Ground coverage area	220
Green landscaped area on-ground	2,500
Surface parking area	20
Play area that is paved/ concrete on ground	15,000
Play area that has grass on ground	15,000
Service Area on ground	10
Roof and terrace area	100
Green cover on exposed roof & terrace 0	
Total built up/constructed area	1,200
Total no. of floors	25
Others	100

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	65	12	77
Animals	00	00	0

Task 4: Find out if your school uses pesticides

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

No

No documents uploaded by the school.



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Bijaya ku mishra	bijayam38@gmail.com
2.	Jyoshnarani Rout	bijayam38@gmail.com
3.	Jagannath Patra	bijayam38@gmail.com

Administrative staff

Sno.	Name	Email		
1.	Anjulika Biswas	bijayam38@gmail.com		
2.	Arati mohanty	bijayam38@gmail.com		
3.	Jayantirani Dash	bijayam38@gmail.com		
4.	Jayanti Mallick	bijayam38@gmail.com		
5.	Arun Dutta	bijayam38@gmail.com		

Students

Sno.	Name	Email	Grade/Class
1.	Satyadeep Behera	bijayam38@gmail.com	9
2.	Amish ku Swain	bijayam38@gmail.com	9
3.	Sarita Mohanty	bijayam38@gmail.com	9
4.	Nandin mohanty	bijayam38@gmail.com	9
5.	subhashree nayak	bijayam38@gmail.com	9
6.	Bishnupriya Nayak	bijayam38@gmail.com	9
7.	Satyajit Parida	bijayam38@gmail.com	8
8.	Kartik Lenka	bijayam38@gmail.com	8
9.	Ankita dash	bijayam38@gmail.com	7
10.	Bijaya biswal	bijayam38@gmail.com	8

Task 2: How much water does your school use?

1

Calculate your school's water consumption, per activity.

Drinking	600
Toilet flushing	250
Personal cleaning	500
Washing clothes	100
Cooking	300
Cleaning Utensils	500
Washing Vegetables	100
Mopping floors	50
Gardening	100
Total	2500

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?

Public Health Engineering Department (PHED), 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

7-12 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?	No

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?	Yes
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?	No
Any other step taken for water conservation? (if Yes, please specify)	No

No documents uploaded by the school.

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).

250

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?	No
Are there sufficient toilets for men in your school?	No
Are the toilets accessible and safe to use for children?	No
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)?	No

Are the toilets situated in the right location in terms of privacy and safety?	Yes
Is there sufficient light during day time?	Yes

How many drinking water taps do you have?

6

How many hand pumps do you have?

2

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

4

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

	Girls	Boys	Common	Total
Number of toilets	01	02	01	4

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

2

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

100

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

No

ls the water supply sufficient?

No

Are the toilets cleaned?

Yes

16(a) If yes, please specify

Once a day

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

Does your school treat wastewater?

Yes

Does your school reuse the treated wastewater?

No

Please specify the fate of wastewater

Wastewater flows directly to the drains

No documents uploaded by the school.



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email		
1.	Narendra Nayyak	satabhauniubidyapitha@gmail.com		
2.	Jagannath patra	satabhauniubidyapitha@gmail.com		
3.	Jayanti Dash	satabhauniubidyapitha@gmail.com		

Administrative staff

Sno.	Name Email		
1.	Bijaya Kumar Mishra	satabhauniubidyapitha@gmail.com	
2.	Anjulika Biswas	was satabhauniubidyapitha@gmail.com	
3.	Jayantirani Dash	satabhauniubidyapitha@gmail.com	
4.	Arati mohanty	satabhauniubidyapitha@gmail.com	
5.	Jayanti mallick	satabhauniubidyapitha@gmail.com	

Students

Sno.	Name	Email	Grade/Class
1.	Ipsita priyadarsini	satabhauniubidyapitha@gmail.com	10
2.	Susree subhashree	satabhauniubidyapitha@gmail.com	9
3.	Sai priya Jena	satabhauniubidyapitha@gmail.com	9
4.	Satyabrata Nayak	satabhauniubidyapitha@gmail.com	10
5.	Krushna Chandra Swain	satabhauniubidyapitha@gmail.com	10
6.	Alook Ku Nayak	satabhauniubidyapitha@gmail.com	10
7.	Anil Ku Nayak	satabhauniubidyapitha@gmail.com	10
8.	Sourav Nayak	satabhauniubidyapitha@gmail.com	9
9.	Satyajit Parida	satabhauniubidyapitha@gmail.com	8
10.	Bikash ku Nayak	satabhauniubidyapitha@gmail.com	9

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

1

Does your school segregate solid waste?

No

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	4	2	1	1	0
Playgrounds	34	25	2	5	2
Common area (e.g. reception, corridors)	17	10	2	5	0
Staffroom	1	0	1	0	0
Laboratory	1	0	1	0	0
Canteen	13	3	10	0	0
Clinic/ Sick room	0	0	0	0	0
Library	0	0	0	0	0
Toilets	1	0	1	0	0
Others	12	1	5	5	1
Total	83	41	23	16	3

No documents uploaded by the school.

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	20
Kitchen waste	52
Paper	12
Plastic	1
Wood, glass, metal, classroom furniture	25
E-waste	0
Biomedical waste	0

Sanitary waste	1
Construction and Demolition (C & D) waste	25
Hazardous waste	5
Total Generated Solid Waste (in kilogram)	141

No documents uploaded by the school.

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

Does your school recycle any generated waste?

No

Does your school have a composting facility?

No

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)	×	×	×	₹
Hazardous waste (e.g. diesel fuel, battery)	✓	×	×	×
Wood,glass, metal scrap, other scrap	✓	×	×	×

Biomedical waste (e.g. waste from Nurse's room in school, e.g. band-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?

Landfill Site

No documents uploaded by the school.

9

Does your school burn waste?

Yes

No documents uploaded by the school.

9a Where does your school burn waste?

Inside the school

What kind of waste is being burnt/ incinerated?

Plastic

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

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

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Microwaves	0	0	0
Ovens	0	0	0
Toasters	0	0	0
Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	13	12	1
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	2	01	01
Copying equipment (Photocopiers)	0	0	0
Projectors	1	01	0
Whiteboards	6	04	02
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	3	02	01
Fax machines	0	0	0
Telex	0	0	0
Telephones	1	0	01
Pay telephones	0	0	0
Mobiles	15	15	0
Answering systems	0	0	0

No documents uploaded by the school.

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

Yes

No documents uploaded by the school.

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

Kabadiwalla/ Scrapdealer

Task 6: School's initiatives

12

Does the school have a policy on waste?

Yes

Policy document

13

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

Yes

No documents uploaded by the school.

13a

What form do these awareness drives take?

As part of extracurricular activities such as guest lectures

14

Is the study of the environment integrated into the curriculum?

No

No documents uploaded by the school.



FEEDBACK

Has your school participated in the Green Schools Programme (GSP) Audit before?

No

Have teachers from your school participated in teacher interactive workshops organized by the GSP team?

No

Did you find the online information relevant to your environmental education activities?

Yes

Was the audit easy-to-understand and self-explanatory?

Yes

Did you understand the present format of the GSP?

Yes

Do you think your school will be a Green School (resource efficient) by 2019?

Yes

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

your suggetion, information, n co-operation will help us at all step.......

How would you rate the overall design of the audit?

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

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?

Checklist of uploaded documents

1. Fuel Bills

13(a)

- 2. Picture of 5 star appliances used by school
- 3. Picture of Mid-day meal being served
- 4. Pictures of landscaped area

20.00

- 5. Building construction plan
- 6. Pictures of dustbins in classroom showing segregation at source
- 7. Pictures of playground with more than two dustbins
- 8. Picture of audit team weighing solid waste
- 9. Picture of types of solid waste generated
- 10. Pictures of housekeeping staff disposing different types of solid waste
- 11. Pictures of burning waste
- 12. Pictures of Electronic items used by school and storage of non-working electronic items
- 13. Waste Policy
- 14. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
- 15. Pictures of respective audit teams doing survey