

Responses for Green Schools Programme Audit 2016

School Name: PANCHUBARAHI BIDYANIKETAN

Address: AT- MANAPARA, PO- KURUNTI,

VIA/PS/BLOCK- RAJNAGAR, DIST-KENDRAPARA, KENDRAPARA,

Kendrapara, Odisha, India

Coordinator Name: SASHIKANT SWAIN



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

PANCHUBARAHI BIDYANIKETAN

2 Address

AT- MANAPARA, PO- KURUNTI, VIA/PS/BLOCK- RAJNAGAR, DIST-KENDRAPARA, KENDRAPARA, Kendrapara, Odisha, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 06729 (NUMBER) 272247

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9937945347

5 Principal Name

BASANTA KUMAR PANI

6 GSP Coordinator Name

SASHIKANT SWAIN

GSP Coordinator Email

sashikantaswain888@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9853259732

Category Of The School

Day Scholar

10 School Shifts

Morning

GENERAL QUESTIONS

How many levels does your school have?

Lowest level of grade:8 Highest level of grade:10

ls your school single gender or mixed gender?

Mixed/Co-education

Which board of education does the school follow?

State Board of Education (please select name of your state from the list below if applicable)

State: Odisha

Total permanent population of the school

	Male	Female	Total
Students	87	84	171
Teachers	06	01	7
Non-Teaching Staff	03	01	4
TOTAL	96	86	182

4(b) How many visitors visit your school

3

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

224

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

Nov

Where is the school located?

Rural Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Basanta Kumar Pani	Basanta Kumar Pani
2.	Sashikant Swain	sashikantaswain888@gmail.com
3.	Abhaya Kumar Rout	abhayakumar1966@gmail.com

Administrative staff

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4.	Subhraj Kumar Baral	subhrajbaral71@gmail.com
5.	Sapan Kumar Behera	sapankumar86@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Alilata Pandab	alilatapandab@gmail.com	09
2.	Baisakhi Patra	baisakhipatra2002@gmail.com	09
3.	Ratnamanjari Sahoo	ratnamanjarisahoo2001@gmail.com	09
4.	Anisha Bardhan	anishabardhan2002@gmail.com	09
5.	Jayaranjan Pani	jayaranjanpani2002@gmail.com	09
6.	Swagat Sourav Swain	swagatsourav2003@gmail.com	09
7.	Jharana Charai	jharanacharai2003@gmail.com	09
8.	Karina Jena	karinajena2003@gmail.com	09
9.	Rasmita Behera	beherarasmita2002@gmail.com	09
10.	Badal Kumar Das	badalkumardas2002@gmail.com	09

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

1

How many classrooms does your school have?

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)
Class -viii	315.00	210.00	66.67
Class - ix	315.00	210.00	66.67
Class- x	315.00	210.00	66.67
Additional Class Room	315.00	210.00	66.67
Additional Class Room	315.00	210.00	66.67
0	0.00	0.00	0.00
0	0.00	0.00	0.00
0	0.00	0.00	0.00
0	0.00	0.00	0.00
0	0.00	0.00	0.00
TOTAL	1,575.00	1,050.00	

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	0	0	0
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	6	2	8
Bicycle	129	0	1	130
On foot	42	1	1	44
Others (non-motorised)	0	0	0	0
SUB-TOTAL	171	7	4	182

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



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

6(a)



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	Basanta Kumar Pani	basantakumarpani1963@gmail.com
2.	Sashikant Swain	sashikantaswain888@gmail.com
3.	Abhaya Kumar Rout	abhayakumar1966@gmail.com

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8.	Karina Jena	karinajena2003@gmail.com	09
9.	Rasmita Behera	beherarasmita2002@gmail.com	09
10.	Badal Kumar Das	badalkumardas2002@gmail.com	09

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

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)	55	198.00	5
Electricity from generator (diesel) (litres)	0	0.00	0
Petrol (litres)	4	186.80	5
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)	1500	26400.00	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	1559.00	26784.80	

No documents uploaded by the school.

What appliances does your school have?

Number 512e DEE Star Rating		Number	Size	BEE Star Rating	
-----------------------------	--	--------	------	-----------------	--

Air Conditioners	0	0	0
Refrigerator	0	0	0
Microwave	0	0	0
Tube Lights	10	40w	0
CFL Bulbs	05	20w	0
LED Lights	0	0	0
Fans	14	220	0

Supporting Documents

1. MIDAY MILE 1.jpg

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

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

47

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.	Basanta kumar pani	basantakumarpani1963@gmail.com
2.	sashikant swain	sashikantaswain888@gmail.com
3.	abhaya kumar rout	abhayakumar1966@gmail.com

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3.	sashikant swain	sashikantaswain888@gmail.com
4.	subharaj kumar baral	subharajbaral71@gmail.com
5.	sapan kumar behura	sapankumar86@gmail.com

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4.	Anisha bardhan	anishabardhan2002@gmail.com	09
5.	jayaranjan pani	jayaranjanpani20022gmail.com	09
6.	Swagatsaurav swain	swagatsauravswain2003@gmail.com	09
7.	Jharana Charai	jharanacharai2003@gmail.com	09
8.	Karina jena	karinajena2003@gmail.com	09
9.	Rasmita behera	beherarasmita2002@gmail.com	09
10.	Badal kumar Das	badalkumardas2002@gmail.com	09

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	0	0	0
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	0	0	0
Carbonated beverages	0	0	0
Sugar sweetened noncarbonated beverages	0	0	0
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	0	0	0
Packaged/Bottled Energy Drinks	0	0	0

No documents uploaded by the school.

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.	Basanta kumar pani	basantakumarpani1963@gmail.com
2.	Sashikant swain	sashikantaswain888@gmail.com
3.	Abhaya kumar Rout	abhayakumar1966@gmail.com

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10.	Badal kumar Das	badalkumardas2002@gmail.com	09

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

Complete the table:

1

Site area in square meter (m2)	520
Ground coverage area	100
Green landscaped area on-ground	100
Surface parking area	50
Play area that is paved/ concrete on ground	100
Play area that has grass on ground	50
Service Area on ground	50
Roof and terrace area	50
Green cover on exposed roof & terrace	20
Total built up/constructed area	40
Total no. of floors	1
Others	0

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	400	100	500
Animals	0	0	0

Task 4: Find out if your school uses pesticides

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

No

Supporting Documents

- 1. school 1.jpg
- 2. school-2.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Bsanta kumar pani	basantakumarpani1963@gmail.com
2.	sashikant Swain	sashikantaswain888@gmail.com
3.	Abhaya kumar Rout	abhayakumar1966@gmail.com

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Task 2: How much water does your school use?

1

Calculate your school's water consumption, per activity.

Drinking	500
Toilet flushing	50
Personal cleaning	20
Washing clothes	10
Cooking	80
Cleaning Utensils	100
Washing Vegetables	30
Mopping floors	20
Gardening	700
Total	1510

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?

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

=1 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?	Yes
Does your school use appliances with a quick-wash setting?	Yes
Are dual flush systems installed in the toilets?	Yes
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?	No
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).
9000

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?	No
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
Is there sufficient light during day time?	Yes

How many drinking water taps do you have?

6

How many hand pumps do you have?

1

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

2

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

	Girls	Boys	Common	Total
Number of toilets	3	3	2	8

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

8

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

2

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

Yes

ls the water supply sufficient?

Yes

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?

No

Does your school reuse the treated wastewater?

No

Please specify the fate of wastewater

Used for gardening and horticulture

No documents uploaded by the school.



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email		
1.	Basanta kumar pani	basantakumarpani1963@gmail.com		
2.	Sashikant Swain	ain sashikantaswain888@gmail.com		
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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	1	1	1	1
Playgrounds	4	1	1	1	1
Common area (e.g. reception, corridors)	4	1	1	1	1
Staffroom	4	1	1	1	1
Laboratory	4	1	1	1	1
Canteen	1	1	0	0	0
Clinic/ Sick room	0	0	0	0	0
Library	0	0	0	0	0
Toilets	0	0	0	0	0
Others	0	0	0	0	0
Total	21	6	5	5	5

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	3
Kitchen waste	10
Paper	1
Plastic	0
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0

Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	14

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?

Open dumping

No documents uploaded by the school.

9

Does your school burn waste?

No

10

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
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)	32	32	0

Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	1	1	0
Copying equipment (Photocopiers)	0	0	0
Projectors	1	1	0
Whiteboards	1	1	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	1	1	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	0	0	0
Pay telephones	0	0	0
Mobiles	2	1	1
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?

Task 6: School's initiatives



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

Yes

Supporting Documents

1. SCHOOL3.jpg

What form do these awareness drives take?

As part of the curriculum

Is the study of the environment integrated into the curriculum?

Yes

Supporting Documents

1. SCHOOL3.jpg



FEEDBACK

1	Has your school participated in the Green Schools Programme (GSP) Audit before?
	No
2	Have teachers from your school participated in teacher interactive workshops organized by the GSP team? Yes

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

Yes

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

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?

8 How would you rate the overall design of the audit?

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

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?

No

If no, why?

Checklist of uploaded documents

due to insufficient water

- 1. Electricity Bill
- 2. Picture of Mid-day meal being served
- 3. Pictures of Green Cover
- 4. Building construction plan
- 5. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
- 6. Pictures of respective audit teams doing survey