

Responses for Green Schools Programme Audit 2016

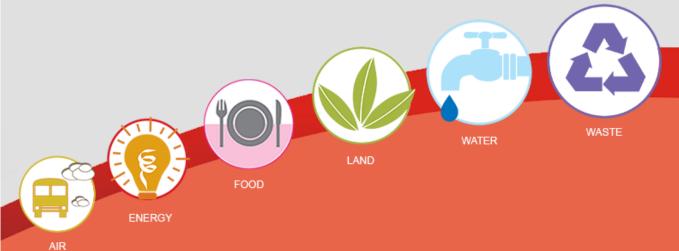
School Name: RADHAKANTA JEW BIDYAPITHA

Address: At Post - Manipur, Via - Gobindpur, Dist -

Dhenkanal, Dhenkanal, Dhenkanal,

Odisha, India

Coordinator Name: Madan Mohan Rout



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

Name of the School / Institution

RADHAKANTA JEW BIDYAPITHA

2 Address

At Post - Manipur, Via - Gobindpur, Dist - Dhenkanal, Dhenkanal, Dhenkanal, Odisha, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 6762 (NUMBER) 0

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 8093119323

5 Principal Name

BASUDEV ROUL

6 GSP Coordinator Name

Madan Mohan Rout

GSP Coordinator Email

2306.rkjbidyapitha@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 8093119323

Category Of The School

Day Scholar

School Shifts

Morning

GENERAL QUESTIONS

How many levels does your school have?

Lowest level of grade:7 Highest level of grade:7

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	91	84	175
Teachers	06	02	8
Non-Teaching Staff	4	0	4
TOTAL	101	86	187

4(b) How many visitors visit your school

2

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

233

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

July

Where is the school located?

Rural Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	BASUDEV ROUL	BASUDEV ROUL
2.	ROHIT KUMAR ROUT	routrohit3@gmail.com
3.	PRASANTA KUMAR SAHOO	sahooprasantakumar2@gmail.com

Administrative staff

Sno.	Name	Email
1.	BASUDEV ROUL	basudevroul9@gmail.com
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3.	MADAN MOHAN ROUT	madanrout@gmail.com
4.	ROHIT KUMAR ROUT	routrohit3@gmail.com
5.	SUSHIL KUMAR MOHARANA	moharanasushil9@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SATYAM TRIPATHY	2306.rkjbidyapitha@gmail.com	10
2.	SUNIL NAIK	2306.rkjbidyapitha@gmail.com	10
3.	TRINATH NAIK	2306.rkjbidyapitha@gmail.com	10
4.	HAREKRUSHNA ROUT	2306.rkjbidyapitha@gmail.com	10
5.	PRATIKSHYA TRIPATHY	2306.rkjbidyapitha@gmail.com	10
6.	ADITYA PANDA	2306.rkjbidyapitha@gmail.com	9
7.	SWADESH BEHERA	2306.rkjbidyapitha@gmail.com	9
8.	SITESH BARAL	2306.rkjbidyapitha@gmail.com	9
9.	SAROJ RANA	2306.rkjbidyapitha@gmail.com	9
10.	SIMA SAMAL	2306.rkjbidyapitha@gmail.com	10

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 10	49.00	24.50	50.00
CLASS 9	60.00	40.00	66.67
CLASS 8	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
0	0.00	0.00	0.00
0	0.00	0.00	0.00
0	0.00	0.00	0.00
TOTAL	109.00	64.50	

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?

Operator-owned 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	2	0	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	6	3	9
Bicycle	80	0	1	81
On foot	95	0	0	95
Others (non-motorised)	0	0	0	0
SUB-TOTAL	175	8	4	187

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?



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	BASUDEV ROUL	basudevroul9@gmail.com
2.	MADAN MOHAN ROUT	madanrout9@gmail.com
3.	ROHIT KUMAR ROUT	routrohit3@gmail.com

Administrative staff

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1.	BASUDEV ROUL	basudevroul9@gmail.com
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3.	ROHIT KUMAR ROUT	routrohit3@gmail.com
4.	PRASANTA KUMAR SAHOO	sahooprasantakumar2@gmail.com
5.	SUSIL KUMAR MOHARANA	moharanasushil9@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SATYAM TRIPATHY		10
2.	SUNIL NAIK		10
3.	TRINATH NAIK		10
4.	SIMA SAMAL		10
5.	MONALISHA ROUT		10
6.	SAROJ RANA		10
7.	ADITYA PANDA		9
8.	PRATIKHYA TRIPATHY		9
9.	HAREKRUSHNA ROUT		10
10.	SITESH BARAL		10

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. ELECTRI BILL.jpg

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)	300	1080.00	1
Electricity from generator (diesel) (litres)	0	0.00	0
Petrol (litres)	0	0.00	0
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)	15	264.00	3
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	315.00	1344.00	

Supporting Documents

1. ELECTRI BILL FIRE WOOD.docx

	Number	Size	BEE Star Rating
Air Conditioners	0	0	0
Refrigerator	1	200	3
Microwave	0	0	0
Tube Lights	13	40	3
CFL Bulbs	3	20	4
LED Lights	0	0	0
Fans	15	80	4

No documents uploaded by the school.

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

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

30

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.	BASUDEV ROUL	basudevroul9@gmail.com
2.	PRASANTA KUMAR SAHOO	sahooprasantakumar2@gmail.com
3.	MADANMOHAN ROUT	madanrout9@gmail.com

Administrative staff

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5.	SUSHIL KUMAR MOHARANA	moharanasushil9@gmail.com

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2.	SIMA SAMAL	2306.rkjbidyapitha@gmail.com	10
3.	SUNIL NAIK	2306.rkjbidyapitha@gmail.com	10
4.	SANGYA SAMIKHYA TRIPATHY	2306.rkjbidyapitha@gmail.com	10
5.	SAHIL MALLIK	2306.rkjbidyapitha@gmail.com	10
6.	HAREKRUSHNA ROUT	2306.rkjbidyapitha@gmail.com	10
7.	TRINATH ROUT	2306.rkjbidyapitha@gmail.com	10
8.	RUNU NAIK	2306.rkjbidyapitha@gmail.com	10
9.	SILU ROUT	2306.rkjbidyapitha@gmail.com	10
10.	JASODA NAIK	2306.rkjbidyapitha@gmail.com	10

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.	BASUDEV ROUL	basudevroul9@gmail.com
2.	PRASANTA KUMAR SAHOO	sahooprasantakumar2@gmail.com
3.	ROHIT KUMAR ROUT	routrohita3@gmail.com

Administrative staff

Sno.	Name	Email
1.	BASUDEV ROUL	basudevroul9@gmail.com
2.	PRASANTA KUMAR SAHOO	sahooprasantakumar2@gmail.com
3.	MADAN MOHAN ROUT	madanrout9@gmail.com
4.	SUSHIL KUMAR MAHARANA	maharanasushil9@gmail.com
5.	ROHIT KUMAR ROUT	routrohita3@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SATYAM TRIPATHY		10
2.	SILU ROUT		10
3.	SUNIL NAIK		10
4.	SAHIL MALLIK		10
5.	SIMA SAMAL		10
6.	RUNU NAIK		10
7.	SANGYA SAMIKHYA TRIPATHY		10
8.	JASODA NAIK		10
9.	MONALISHA ROUT		10
10.	HAREKRUSHNA ROUT		10

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

Complete the table:

1

Site area in square meter (m2)	20,234
Ground coverage area	12,141
Green landscaped area on-ground	1,200
Surface parking area	500
Play area that is paved/ concrete on ground	5,000
Play area that has grass on ground	5,000
Service Area on ground	4,000
Roof and terrace area	1,800
Green cover on exposed roof & terrace	500
Total built up/constructed area	2,000
Total no. of floors	8
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	10	7	17
Animals	0	0	0

Task 4: Find out if your school uses pesticides

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

Yes

Supporting Documents

- 1. GREEN SCHOOL 1.jpg
- 2. GREEN SCHOOL 2.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	BASUDEV ROUL	basudevroul9@gmail.com
2.	PRASANTA KUMAR SAHOO	sahooprasanta2@gmail.com
3.	MADAN MOHAN ROUT	madanrout9@gmail.com

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4.	ROHIT KUMAR ROUT	routrohit3@gmail.com
5.	SUSHIL KUMAR MAHARANA	maharanasushil9@gmail.com

Students

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1.	SATYAM TRIPATHY		10
2.	SUNIL NAIK		10
3.	SILU ROUT		10
4.	SAHIL MALLIK		10
5.	SITESH BARAL		9
6.	SWADESH BEHERA		9
7.	SANDIP KUMAR SAHOO		8
8.	SIMA SAMAL		10
9.	PRATIKHYA TRIPATHY		9
10.	SOUBHAGYA RANJAN SAHOO		9

Task 2: How much water does your school use?

1

Calculate your school's water consumption, per activity.

Drinking	400
Toilet flushing	100
Personal cleaning	50
Washing clothes	10
Cooking	50
Cleaning Utensils	50
Washing Vegetables	20
Mopping floors	10
Gardening	50
Total	740

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

2-6 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?	No
Are dual flush systems installed in the toilets?	Yes
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?	No
Does your school use a drip or irrigation system?	No
Any other step taken for water conservation? (if Yes, please specify)	No

Supporting Documents

- 1. DRINKING WATER.jpg
- 2. HAND WASHING TAPS.jpg
- 3. SCHOOL BUILDING.jpg

Task 5: Does your school harvest rainwater?

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

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

1

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
Is there sufficient light during day time?	Yes

How many drinking water taps do you have?

8

How many hand pumps do you have?

1

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

5

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

	Girls	Boys	Common	Total
Number of toilets	2	2	1	5

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

10

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

2

Is 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.	BASUDEV ROUL	basudevroul9@gmail.com
2.	PRASANTA KUMAR SAHOO	sahooprasantakumar@gmail.com
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3.	SAHIL MALLIK		10
4.	SILU ROUT		10
5.	SIMA SAMAL		10
6.	SITESH BARAL		9
7.	SOUBHAGYA RANAJAN SAHOO		9
8.	SWADESH BEHERA		9
9.	SANDIP KUMAR SAHOO		8
10.	BARSHARANI MOHARANA		8

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

1

Does your school segregate solid waste?

Yes

Who segregates the waste at source?

1. Students and teachers

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	2	0	1	1	0
Playgrounds	3	0	1	1	1
Common area (e.g. reception, corridors)	3	0	1	1	1
Staffroom	1	0	1	0	0
Laboratory	0	0	0	0	0
Canteen	0	0	0	0	0
Clinic/ Sick room	1	0	1	0	0
Library	2	1	1	0	0
Toilets	3	0	1	1	1
Others	1	1	0	0	0
Total	16	2	7	4	3

Supporting Documents

1. DUST BIN.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	10
Kitchen waste	25
Paper	2

Plastic	1
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	.5
Sanitary waste	1
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	39.5

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?

Yes

Supporting Documents

1. DUST BIN.jpg

5a What is the methodology used?

Natural composting without added microbes

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

30.00

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

For horticultural purposesFor school garden

Does your school encourage students & teachers to reuse textbooks?

Yes

7

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?

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

Open dumping

No documents uploaded by the school.

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	0	0	0
VCR or DVD players	0	0	0
Refrigerators and freezers	1	1	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)	12	12	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)	1	1	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	1	1	0
Answering systems	0	0	0

No documents uploaded by the school.

11

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

No

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?

By the showcasing of posters and stickers

14

Is the study of the environment integrated into the curriculum?

No

No documents uploaded by the school.



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?

No

3(a) If no, then please share your suggestions.

PLEASE TRAIN US

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

No

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?

REQUIREMENT OF SUFFICIENT FUNDS , ORIENTATION PROGRAMME ABOUT PLANTATION AND HORTICULTURE

How would you rate the overall design of the audit?

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

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

Yes

9(a) If yes, please share your suggestions.

PLEASE TRAIN US REGARDING THE AUDIT EVERY YEAR

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?

160.00

Checklist of uploaded documents

- 1. Fuel Bills
- 2. Electricity Bill
- 3. Picture of Mid-day meal being served
- 4. Pictures of landscaped area
- 5. Pictures of dustbins in classroom showing segregation at source
- 6. Pictures of playground with more than two dustbins