



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: KENDEIJURI PRIMARY SCHOOL
Address: AT-KENDEILURI, PO-BARGHAT, PS-
REAMAL, DEOGARH, DEOGARH,
Odisha, India
Coordinator Name: SANTOSH KUMAR GARNAYAK



AIR



ENERGY



FOOD



LAND



WATER



WASTE

Green Schools Programme

Centre for Science and Environment

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

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<http://www.greenschoolsprogramme.org/>

SCHOOL PROFILE

1

Name of the School / Institution

KENDEIJURI PRIMARY SCHOOL

2

Address

AT-KENDEILURI,PO-BARGHAT,PS-REAMAL, DEOGARH, DEOGARH, Odisha, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) (NUMBER) 242560

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 7873763834

5

Principal Name

SANTOSH KUMAR GARNAYAK

6

GSP Coordinator Name

SANTOSH KUMAR GARNAYAK

7

GSP Coordinator Email

kendeijuri.garnayak@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 7873763834

9

Category Of The School

Day Scholar

10

School Shifts

Morning

GENERAL QUESTIONS

1

How many levels does your school have?

Lowest level of grade:1

Highest level of grade:5

2

Is your school single gender or mixed gender?

Mixed/Co-education

3

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

4

Total permanent population of the school

	Male	Female	Total
Students	14	23	37
Teachers	01	02	3
Non-Teaching Staff	01	02	3
TOTAL	16	27	43

4(b)

How many visitors visit your school

1

5

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

230

6

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

Aug, Sep, Oct

7

Where is the school located?

Rural Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	SANTOSH KUMAR GARNAYAK	SANTOSH KUMAR GARNAYAK
2.	CHANDRAMA DEI	00
3.	TAPASWINI BEHERA	00

Administrative staff

Sno.	Name	Email
1.	KUMUJA BIHARI NAIK	00
2.	00	00
3.	00	00
4.	00	00
5.	00	00

Students

Sno.	Name	Email	Grade/Class
1.	NARESH PADHAN	00	3
2.	BABLU KISAN	00	4
3.	REEMA MAHAKUL	00	5
4.	PRATAP MATARY	00	5
5.	00	00	00
6.	00	00	00
7.	00	00	00
8.	00	00	00
9.	00	00	00
10.	00	00	00

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

1

How many classrooms does your school have?

3

2

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)
01	180.00	120.00	66.67
02	180.00	120.00	66.67
03	200.00	150.00	75.00
00	0.00	0.00	0.00
00	0.00	0.00	0.00
00	0.00	0.00	0.00
00	0.00	0.00	0.00
00	0.00	0.00	0.00
00	0.00	0.00	0.00
00	0.00	0.00	0.00
00	0.00	0.00	0.00
TOTAL	560.00	390.00	

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

3

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?

4

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

	Students	Teaching Staff	Non Teaching Staff	Total
Schoool Bus	00	00	00	0
Public Bus	00	00	00	0
School Transport(Other than bus)	00	00	00	0
Public transport (other than bus, Metro, car pool)	00	00	00	0
Taxi four-wheeler	00	00	00	0

Taxi three-wheeler	00	00	00	0
Personal four-wheeler	00	00	00	0
Personal two-wheeler	00	02	00	2
Bicycle	05	01	00	6
On foot	32	00	02	34
Others (non-motorised)	00	00	01	1
SUB-TOTAL	37	3	3	43

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

5

How many students suffer from respiratory ailments ?

0

6

Does the school laboratory have air quality monitoring equipment?

No

No documents uploaded by the school.

6(a)

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.	SANTOSH KUMAR GARNAYAK	kendeijuri.garnayak@gmail.com
2.	00	00
3.	00	00

Administrative staff

Sno.	Name	Email
1.	KUNJA BIHARI NAIK	00
2.	00	00
3.	00	00
4.	00	00
5.	00	00

Students

Sno.	Name	Email	Grade/Class
1.	REMA MAHAKUL	00	5
2.	BABLU KISAN	00	4
3.	NARESH PADHAN	00	3
4.	00	00	00
5.	00	00	00
6.	00	00	00
7.	00	00	00
8.	00	00	00
9.	00	00	00
10.	00	00	00

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.

2 Does your school have its own vehicles?

No

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)	00	0.00	00
Electricity from generator (diesel) (litres)	00	0.00	00
Petrol (litres)	00	0.00	00
Diesel (litres)	00	0.00	00
CNG (kilogrammes)	00	0.00	00
Kerosene (litres)	00	0.00	00
Coal (kilogrammes)	00	0.00	00
Wood (kilogrammes)	150	2640.00	5
Animal waste (kilogrammes)	00	0.00	00
Solar (kwh)	00	0.00	00
Wind (kwh)	00	0.00	00
LPG (kilogrammes)	00	0.00	00
Piped Natural Gas (kilogrammes)	00	0.00	00
TOTAL	150.00	2640.00	

No documents uploaded by the school.

4 What appliances does your school have?

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

Air Conditioners	00	00	00
Refrigerator	00	00	00
Microwave	00	00	00
Tube Lights	00	00	00
CFL Bulbs	00	00	00
LED Lights	00	00	00
Fans	00	00	00

No documents uploaded by the school.

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

5

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

6

6

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

No

No documents uploaded by the school for energy chapter.



FOOD

Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	SANTOSH KUMAR GARNAYAK	kendeijuri.garnayak@gmail.com
2.	00	00
3.	00	00

Administrative staff

Sno.	Name	Email
1.	KUNJA BIHARI NAIK	00
2.	TARANISEN PRADHAN	00
3.	00	00
4.	00	00
5.	00	00

Students

Sno.	Name	Email	Grade/Class
1.	REEMA MAHAKUL	00	05
2.	PRATIMA BANICHUL	00	04
3.	00	00	00
4.	00	00	00
5.	00	00	00
6.	00	000	00
7.	00	00	00
8.	00	00	00
9.	00	00	00
10.	00	00	00

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

2

Does your school serve midday meals?

No

2(a)

Do students bring their own lunch from home?

No

No documents uploaded by the school.

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

3

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	00	00	00
Instant Noodles like Knorr, Cup-a-noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	00	00	0
Potato fries and Burgers	00	00	00
Confectionery items (chocolate, candies, gums)	00	00	00
Ice-cream	00	00	00
Carbonated beverages	00	00	00
Sugar sweetened noncarbonated beverages	00	00	00
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	00	00	00
Packaged/Bottled Energy Drinks	00	00	00

No documents uploaded by the school.

4

Does your school serve traditional Indian snacks?

No

5

Does your school serve traditional Indian beverages?

No

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

6

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

No

7

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

No

8

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

No

Supporting Documents

1. IMG_2182.JPG
2. IMG_2178.JPG



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	SANTOSH KUMAR GARNAYAK	kendeijuri.garnayak@gmail.com
2.	00	00
3.	00	00

Administrative staff

Sno.	Name	Email
1.	KUNJA BIHARI NAYAK	00
2.	JEMA MAHAKUL	00
3.	00	00
4.	00	00
5.	00	00

Students

Sno.	Name	Email	Grade/Class
1.	BARSHA MAJHI	00	03
2.	ANKUS NAIK	00	05
3.	PINKI MATIARY	00	03
4.	00	00	00
5.	00	00	00
6.	00	00	00
7.	00	00	00
8.	00	00	00
9.	00	00	00
10.	00	00	00

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

1

Complete the table:

Your school's area

Site area in square meter (m2)	16,700
Ground coverage area	8,350
Green landscaped area on-ground	400
Surface parking area	208
Play area that is paved/ concrete on ground	0
Play area that has grass on ground	600
Service Area on ground	0
Roof and terrace area	0
Green cover on exposed roof & terrace	10
Total built up/constructed area	1,645
Total no. of floors	2
Others	0

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

3

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

	Native	Exotic	Total
Plants	02	80	82
Animals	10	00	10

Task 4: Find out if your school uses pesticides

4

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

No

Supporting Documents

1. IMG_2148.JPG
2. IMG_2152.JPG
3. IMG_2151.JPG
4. IMG_2150.JPG



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	CHANDRAMA DEI	kendeijuri.garnayak@gmail.com
2.	TAPASWINI BEHERA	00
3.	00	00

Administrative staff

Sno.	Name	Email
1.	KUNJA BIHARI NAYAK	00
2.	00	00
3.	00	00
4.	00	00
5.	00	00

Students

Sno.	Name	Email	Grade/Class
1.	BHARATI KISAN	00	5
2.	RITA PADHAN	00	4
3.	BARSHA MAJHI	00	3
4.	00	00	00
5.	00	00	00
6.	00	00	00
7.	00	00	00
8.	00	00	00
9.	00	00	00
10.	00	00	00

Task 2: How much water does your school use?

1

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)
----------	---------------------------------

Drinking	50
Toilet flushing	30
Personal cleaning	80
Washing clothes	00
Cooking	50
Cleaning Utensils	120
Washing Vegetables	30
Mopping floors	50
Gardening	300
Total	710

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

2 Where does the water your school uses, come from?

Ground water

3 Who supplies the water in your school?

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

4 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?

5 What are the water conservation practices your school follows.

	Yes / No
Does your school have any water and sanitation policy?	No
If your school has an eco-club, do they have water component?	No
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?	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

Supporting Documents

1. Photo1551.jpg

Task 5: Does your school harvest rainwater?

6

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

No

6(a)

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

00

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

7

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?	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

8 How many drinking water taps do you have?

1

9 How many hand pumps do you have?

1

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

5

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

	Girls	Boys	Common	Total
Number of toilets	01	01	00	2

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

2

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

0

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

Yes

15 Is the water supply sufficient?

Yes

16 Are the toilets cleaned?

Yes

16(a) If yes, please specify

Once a day

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

17

Does your school treat wastewater?

No

18

Does your school reuse the treated wastewater?

No

18(a)

Please specify the fate of wastewater

Used for gardening and horticulture

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	SANTOSH KUMAR GARNAYAK	kendeijuri.garnayak@gmail.com
2.	00	00
3.	00	00

Administrative staff

Sno.	Name	Email
1.	KUNJA BIHARI NAIK	kendeijuri.garnayak@gmail.com
2.	00	00
3.	00	00
4.	00	00
5.	00	00

Students

Sno.	Name	Email	Grade/Class
1.	REEMA MAHAKUL	00	5
2.	JAMUNA BEHERA	00	5
3.	PRATAP MATIYARI	00	5
4.	ANKUS NAIK	00	5
5.	00	00	00
6.	00	00	00
7.	00	00	00
8.	00	00	00
9.	00	00	00
10.	00	00	00

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

1

Does your school segregate solid waste?

No

2

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	12	3	3	3	3
Playgrounds	4	1	1	1	1
Common area (e.g. reception, corridors)	1	1	00	00	00
Staffroom	1	1	00	00	00
Laboratory	0	0	00	00	00
Canteen	4	1	1	1	1
Clinic/ Sick room	0	00	00	00	00
Library	1	1	00	00	00
Toilets	2	1	1	00	00
Others	0	00	00	00	00
Total	25	9	6	5	5

Supporting Documents

1. play ground wth dustbin.jpg
2. IMG_2159.JPG

Task 3: How much waste does your school generate?

3

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

	Collection per month (Frequency may differ)
Garden/ horticulture waste	20
Kitchen waste	03
Paper	03
Plastic	0.5
Wood, glass, metal, classroom furniture	10

E-waste	00
Biomedical waste	00
Sanitary waste	50
Construction and Demolition (C & D) waste	100
Hazardous waste	02
Total Generated Solid Waste (in kilogram)	188.5

Supporting Documents

1. IMG_2164.JPG
2. IMG_2166.JPG

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

4

Does your school recycle any generated waste?

No

5

Does your school have a composting facility?

Yes

Supporting Documents

1. IMG_20160730_103603.jpg

5a

What is the methodology used?

Natural composting without added microbes

5b

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

30.00

5c

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

For horticultural purposes

6

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)	✓	✓	✗	✗

Supporting Documents

1. IMG_2173.JPG

Task 5: How does your school dispose waste?

8

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

Landfill Site

Supporting Documents

1. IMG_2165.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	0	00	00
VCR or DVD players	0	00	00
Refrigerators and freezers	0	00	00
Washing machines	0	00	00
Air conditioners	0	00	00
Heaters	0	00	00
Microwaves	0	00	00
Ovens	0	00	0
Toasters	0	00	00
Electric Kettles	0	00	00
Personal computers (CPU, mouse, screen and keyboard included)	0	00	00
Laptop computer (CPU, mouse, screen and keyboard included)	0	00	00
Notebook computers	0	00	00
Notepad computers	0	00	00
Printers	0	00	00
Copying equipment (Photocopiers)	0	00	00
Projectors	0	00	00
Whiteboards	0	00	00
Electrical & electronic typewriters	0	00	00
Pocket & desk calculators	2	02	00
Fax machines	0	00	00
Telex	0	00	00

Telephones	0	00	00
Pay telephones	0	00	00
Mobiles	3	03	00
Answering systems	0	00	00

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?

No

13

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

No

14

Is the study of the environment integrated into the curriculum?

No

Supporting Documents

1. IMG_2170 %282%29.JPG
2. IMG_2163.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?

No

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

Yes

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

Yes

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

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

WE HAVE REQUIRED EXTRA ORDINARY FACILITY OR HELP TO GROW OF FOR ENVIRONMENT SAFETY.

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

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

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

No

10

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

Yes

11

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

More than twice

12

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

13

Did your students enjoy doing the Water activities?

Yes

13(a)

How many students were involved in the activities?

10.00

Checklist of uploaded documents

1. Picture of Mid-day meal being served
2. Pictures of Green Cover
3. Pictures of landscaped area
4. Building construction plan
5. Pictures of dustbins in classroom showing segregation at source
6. Pictures of playground with more than two dustbins
7. Picture of audit team weighing solid waste
8. Picture of types of solid waste generated
9. Pictures of recycling units - composting pit, paper recycling machine, selling paper to kabadiwala, recyclers,etc
10. Pictures of housekeeping staff disposing different types of solid waste
11. Pictures of respective audit teams doing survey