



# GREEN SCHOOLS PROGRAMME

## Responses for Green Schools Programme Audit 2016

**School Name:** Kendriya Vidyalaya Bantalab  
**Address:** GC,CRPF,, BANTALAB, JAMMU,  
Jammu, Jammu and Kashmir, India  
**Coordinator Name:** Mrs.Kiran



AIR



ENERGY



FOOD



LAND



WATER



WASTE

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

1

**Name of the School / Institution**

Kendriya Vidyalaya Bantalab

2

**Address**

GC,CRPF,, BANTALAB, JAMMU, Jammu, Jammu and Kashmir, India

3

**Telephone Number (Landline Number with STD code)**

(ISD) 91 (STD) 191 (NUMBER) 2592007

4

**Mobile Number (Mobile Number with STD code)**

(ISD) 91 (Number) 9906907579

5

**Principal Name**

V.Santhosh Kumar

6

**GSP Coordinator Name**

Mrs.Kiran

7

**GSP Coordinator Email**

bulluakshu@gmail.com

8

**GSP Coordinator Mobile Number**

(ISD)91 (Number) 9419114213

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:12

2

Is your school single gender or mixed gender?

Mixed/Co-education

3

Which board of education does the school follow?

Central Board of Secondary Education

4

Total permanent population of the school

	Male	Female	Total
Students	1009	859	1868
Teachers	12	31	43
Non-Teaching Staff	6	3	9
TOTAL	1027	893	1920

4(b)

How many visitors visit your school

50

5

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

225

6

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

July, Oct

7

Where is the school located?

Urban Area



AIR

## Task 1: Air Audit Team

### Teachers

Sno.	Name	Email
1.	Bhuvneshwari	Bhuvneshwari

### Administrative staff

Sno.	Name	Email
1.	Romi Amrit	romiamrit63@gmail.com

### Students

Sno.	Name	Email	Grade/Class
1.	Akshita Pandita	avibhat32@gmail.com	11
2.	Akshiti Bhat	avibhat32@gmail.com	11
3.	Ruhani Arya	ruhaniarya144@gmail.com	11
4.	Ashish Yadav	ashyadav159@gmail.com	11
5.	Sagar Bhat	hiralal323@gmail.com	11
6.	Aman Kumar Rattan	amanrattan439@gmail.com	11
7.	Hrithik Pandit	www.hritik11@gmail.com	11
8.	Naina Sharma	ashleena523@gmail.com	11
9.	Lakshyapreet Kaur	ashleena523@gmail.com	11
10.	Abhinandan Dhar	hansnaman05@gmail.com	11

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

1

How many classrooms does your school have?

41

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)
class XII section a	63.31	12.77	20.17
class XII section b	63.31	12.77	20.17

class XII section c	63.31	12.77	20.17
class XI section a	63.31	12.77	20.17
class XI section b	63.31	12.77	20.17
class XI section c	63.31	12.77	20.17
class X section a	63.31	12.77	20.17
class X section b	63.31	12.77	20.17
class X section c	63.31	12.77	20.17
class IX sectiona	63.31	12.77	20.17
<b>TOTAL</b>	<b>633.10</b>	<b>127.70</b>	

### 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	0	0	0	0
Public Bus	1180	8	3	1191
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	200	0	0	200
Taxi four-wheeler	0	0	0	0
Taxi three-wheeler	45	15	0	60
Personal four-wheeler	50	15	2	67
Personal two-wheeler	45	4	3	52
Bicycle	10	0	0	10
On foot	338	1	1	340

Others (non-motorised)	0	0	0	0
SUB-TOTAL	1868	43	9	1920

### 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?

Yes



## ENERGY

### Task 1: Energy Audit Team

#### Teachers

Sno.	Name	Email
1.	Shermila	sharmila05002@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	Romi Amrit	romiamrit63@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	Sheen Pandita	vershasheen@gmail.com	10
2.	Diksha Slathia	rajputtwinkle674@gmail.com	10
3.	shivam Raina	shivmraina2002@gmail.com	10
4.	Vansh Thakur	vanshthakur116@gmail.com	10
5.	Ayush Wangnoo	wangnooaush24680@gmail.com	10
6.	Satyam Chervoo	sc65221@gmail.com	10
7.	Satvik Razdan	satviksamvit@gmail.com	10
8.	Reubin Chatta	reubinchatta5@gmail.com	10
9.	Vatsala Koul	koulat8ala2001@yahoo.com	10
10.	Abhishek Nath	abhisheknath844@gmail.com	10

### Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

#### Supporting Documents

1. img07457.pdf

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)	1892	6811.20	1
Electricity from generator (diesel) (litres)	50	2280.00	1
Petrol (litres)	10	467.00	2
Diesel (litres)	0	0.00	00
CNG (kilogrammes)	0	0.00	0
Kerosene (litres)	0	0.00	0
Coal (kilogrammes)	0	0.00	0
Wood (kilogrammes)	00	0.00	00
Animal waste (kilogrammes)	0	0.00	0
Solar (kwh)	0	0.00	0
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	2	103.20	5
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	1954.00	9661.40	

### Supporting Documents

1. img07457.pdf

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	7	1.5	0
Refrigerator	1	165	0



Microwave	1	5	0
Tube Lights	250	40	0
CFL Bulbs	50	5	0
LED Lights	0	0	0
Fans	250	80	0

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?

200

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.	Rita Bhagat	ritakamal1966@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	Romi Amrit	romiamrit63@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	Aditya	aditya412001@outlook.com	11
2.	Ujjwal Maletha	gauravmaletha155@gmail.com	11
3.	Devin Raina	divinraina@gmail.com	11
4.	Abhinandan Singh	abhinandanrajput795@gmail.com	11
5.	Sahil Pandit	spandita689@gmail.com	11
6.	Rajwinder Singh	rajwinder7100@gmail.com	11
7.	Ayushman dhar	ayush4dhar@gmail.com	11
8.	Parwaiz Ahmed	parwaizahmed09@gmail.com	11
9.	Shubam Bangotra	bangotrashubam1@gmail.com	11
10.	Akash Chaouhan	akshchohansa3@gmail.com	11

### 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

Yes

2

Does your school serve midday meals?

No

2(a)

Do students bring their own lunch from home?

Yes

No documents uploaded by the school.

2(a)(1) How many students out of total student population bring home-made lunch?

1800.00

2(a)(2) Of the students who bring lunch from home, how many bring packaged food?

0.00

2(a)(3) Do teachers have the responsibility to ensure that students are carrying lunch from home?

Yes

### 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	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)	5	150	9
Ice-cream	2	100	5
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.

4 Does your school serve traditional Indian snacks?

Yes

4(a) Please provide the details:

	Number of plates sold when on the menu
Samosas	100
Idli/vada and sambhar	0
Pav bhaji	0
Momos	0
Others	0

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

pakoura,

5 Does your school serve traditional Indian beverages?

Yes

5(a) Details are as follows:

	Number of servings sold when on the menu
Nimboo pani	100
Sweet lassi	100
Salted butter milk	100
Aam Panna	0
Others	0

#### 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

No documents uploaded by the school.



## LAND

### Task 1: Land Audit Team

#### Teachers

Sno.	Name	Email
1.	Parvinder	pravinder2011@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	Romi Amrit	romiamrit63@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	Devina Raina	devin raina @gmail.com	11
2.	Bhavya sahu	sunitakhurda16@gmail.com	11
3.	akshhita Pandita	akshitapandita421@gmail.com	11
4.	Bipan kumar	kumarbipan1999@gmail.com	11
5.	Naman Hans	hansnaman05@gmail.com	11
6.	Prajwal	prajwaljangral.2000@gmail.com	11
7.	Hritik pandita	hritik11@gmail.com	11
8.	Karan matto	www.deepakmattoo2@gmail.com	11
9.	Suraj kumar	skkr7761@gmail.com	11
10.	Ashish yadav	ashyadav159@gmail.com	11

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

1

Complete the table:

	Your school's area
Site area in square meter (m <sup>2</sup> )	27,195
Ground coverage area	2,600
Green landscaped area on-ground	8,500
Surface parking area	600

Play area that is paved/ concrete on ground	260
Play area that has grass on ground	10,500
Service Area on ground	30
Roof and terrace area	3,502
Green cover on exposed roof & terrace	0
Total built up/constructed area	2,922
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	25	5	30
Animals	2	0	2

### Task 4: Find out if your school uses pesticides

4

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.	kirtichoudhary	kirtichaud@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	Romi Amrit	romiamrit63@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	Ashima	aashima634@gmail.com	11
2.	priya bhat	priyabhat255@gmail.com	11
3.	akshiti	avibhat32@gmail.com	11
4.	ruhani	ruhaniarya144@gmail.com	11
5.	vishali	vishalisharma116@gmail.com	11
6.	anchal	supriyal1998@gmail.com	11
7.	saritu	saritujandyal3@gmail.com	11
8.	simranbhat	simran109@gmail.com	11
9.	kankesh	kankeshking@yahoo.com	11
10.	rishav	rishavdevsharma91110@gmail.com	11

### 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	3000
Toilet flushing	1000
Personal cleaning	0
Washing clothes	10



Cooking	30
Cleaning Utensils	50
Washing Vegetables	5
Mopping floors	100
Gardening	100
Total	4295

### 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?

Public Health Engineering Department (PHED)

4 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?

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?	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?	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?	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?

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

No

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

75000

### 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?	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

8 How many drinking water taps do you have?

35

9 How many hand pumps do you have?

0

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

22

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

	Girls	Boys	Common	Total
Number of toilets	32	32	0	64

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

24

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

5

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

More than twice 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

Wastewater flows directly to the drains

No documents uploaded by the school.



## WASTE

### Task 1: Waste Audit Team

#### Teachers

Sno.	Name	Email
1.	Atul Sharma	atul.maths@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	Romi amrit	romiamrit63@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	Saman	sheckssameer@gmail.com	10
2.	Suraj	surajjotshi.sj@gmail.com	10
3.	Tushar	tusharbhasin.tb@gmail.com	10
4.	Amandeep	amandeepkapta@gmail.com	10
5.	Sehaj	veerjipandita23@mail.com	10
6.	Arunima	rajsadotra21@gmail.com	10
7.	Shriya	shriyakhar175@reddif.com	10
8.	Simranwali	prakriti.wali@gmail.com	10
9.	Mehak	salathiasumit0@gmail.com	10
10.	Komal bhat	komalbhat@gmail.com	10

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

1

Does your school segregate solid waste?

Yes

1a

Who segregates the waste at source?

1. Housekeeping (Sweeper)
2. Gardener

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	36	0	36	0	0
Playgrounds	5	0	5	0	0
Common area (e.g. reception, corridors)	2	0	2	0	0
Staffroom	1	0	0	1	0
Laboratory	7	0	0	4	3
Canteen	3	0	3	0	0
Clinic/ Sick room	1	0	0	0	1
Library	1	0	1	0	0
Toilets	12	0	12	0	0
Others	0	0	0	0	0
Total	68	0	59	5	4

### Supporting Documents

1. DSC07063.JPG
2. DSC07055.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	40
Kitchen waste	50
Paper	200
Plastic	50
Wood, glass, metal, classroom furniture	50
E-waste	1

Biomedical waste	.5
Sanitary waste	5
Construction and Demolition (C & D) waste	10
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	406.5

### Supporting Documents

1. Image2408.jpg
2. Image2408.jpg

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

4

Does your school recycle any generated waste?

Yes

4a

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

	Quantity
Garden/ horticulture waste	30
Kitchen waste	0
Paper	0
Plastic	0
Wood, glass, metal, classroom furniture	1
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total (in kilogram)	31

5

Does your school have a composting facility?

Yes

### Supporting Documents

1. DSC07053.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 purposesFor school garden

6

Does your school encourage students &amp; 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?

8

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

Don't know

### Supporting Documents

1. 1069984\_652026231491346\_82382633\_n.jpg

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	1	1	0
VCR or DVD players	1	1	0
Refrigerators and freezers	1	1	0
Washing machines	0	0	0
Air conditioners	11	7	4
Heaters	6	6	0
Microwaves	1	1	0
Ovens	1	1	0

Toasters	0	0	0
Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	88	80	8
Laptop computer (CPU, mouse, screen and keyboard included)	0		
Notebook computers	0		
Notepad computers	0		
Printers	7	7	
Copying equipment (Photocopiers)	2	2	0
Projectors	6	6	
Whiteboards	4	3	1
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	3	3	0
Fax machines	1	0	1
Telex	0	0	0
Telephones	8	8	0
Pay telephones	1	1	0
Mobiles	0		
Answering systems	0		

### Supporting Documents

1. DSC07065.JPG
2. DSC07066.JPG
3. DSC07067.JPG
4. DSC07068.JPG
5. DSC07069.JPG

No documents uploaded by the school.

11a

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

Authorised dismantler

## 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

### Supporting Documents

1. DSC06606.jpg
2. DSC06606.jpg
3. DSC06522.jpg
4. DSC066066.jpg

13a

What form do these awareness drives take?

As part of the curriculum , As part of extracurricular activities such as guest lectures , By the showcasing of posters and stickers

14

Is the study of the environment integrated into the curriculum?

Yes

### Supporting Documents

1. DSC07051.JPG
2. DSC07063.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?

No

3(a)

If no, then please share your suggestions.

was informed on wednesday, nov 16, 2016

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?

more funds and more time

8

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

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?

Never

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?

No

12(a)

If no, please share your suggestions?

lack of time, no rwh system in school

13

Did your students enjoy doing the Water activities?

Yes

13(a)

How many students were involved in the activities?

20.00

### Checklist of uploaded documents

1. Electricity Bill
2. Pictures of dustbins in classroom showing segregation at source
3. Picture of audit team weighing solid waste
4. Picture of types of solid waste generated
5. Pictures of recycling units - composting pit, paper recycling machine, selling paper to kabadiwala, recyclers, etc
6. Pictures of housekeeping staff disposing different types of solid waste
7. Pictures of Electronic items used by school and storage of non-working electronic items
8. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc