



# GREEN SCHOOLS PROGRAMME

## Responses for Green Schools Programme Audit 2016

**School Name:** GSSS NIT No. 5 [1088] Faridabad  
**Address:** NH-5 Faridabad, Faridabad, Faridabad,  
Haryana, India  
**Coordinator Name:** Anita Chopra



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**

GSSS NIT No. 5 [1088] Faridabad

2

**Address**

NH-5 Faridabad, Faridabad, Faridabad, Haryana, India

3

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

(ISD) 91 (STD) (NUMBER) 1292411488

4

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

(ISD) 91 (Number) 8860001964

5

**Principal Name**

Anita Chopra

6

**GSP Coordinator Name**

Anita Chopra

7

**GSP Coordinator Email**

gsss1088@gmail.com

8

**GSP Coordinator Mobile Number**

(ISD)91 (Number) 8860001964

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?

Only boys

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: Haryana

4

Total permanent population of the school

	Male	Female	Total
Students	693	0	693
Teachers	10	13	23
Non-Teaching Staff	9	4	13
TOTAL	712	17	729

4(b)

How many visitors visit your school

100

5

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

242

6

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

Aug, Nov

7

Where is the school located?

Urban Area



## AIR

### Task 1: Air Audit Team

#### Teachers

Sno.	Name	Email
1.	AAKANKSHA JAIN	AAKANKSHA JAIN
2.	POONAM	1088POONAM@GMAIL.COM
3.	KIRAN BALA CHAWLA	KIRANCHAWLA41@GMAIL.COM

#### Administrative staff

Sno.	Name	Email
1.	Anita Chopra	gsss1088@gmail.com
2.	RAJPAL SINGH	rajpal11130@gmail.com
3.	Ranjeet singh	gsss1088@gmail.com
4.	Ved Prabha	gsss1088@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	IRFAN	gsss1088@gmail.com	12
2.	DEEPAK	gsss1088@gmail.com	12
3.	MANMEET	gsss1088@gmail.com	12
4.	ANKIT BHADANA	gsss1088@gmail.com	12
5.	SUMIT	gsss1088@gmail.com	11
6.	OMPRAKASH	gsss1088@gmail.com	11
7.	RAHUL	gsss1088@gmail.com	11
8.	JITENDRA	gsss1088@gmail.com	11
9.	GOPAL JHA	gsss1088@gmail.com	9
10.	ROHAN	gsss1088@gmail.com	9

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

1 How many classrooms does your school have?

17

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 3	144.00	25.00	17.36
class 4	125.00	14.00	11.20
class 5	144.00	25.00	17.36
class 6	144.00	25.00	17.36
class 7	175.00	22.00	12.57
class 8	144.00	25.00	17.36
class 9	213.00	40.00	18.78
class 10	120.00	25.00	20.83
class 11	150.00	25.00	16.67
class 12	150.00	25.00	16.67
TOTAL	1,509.00	251.00	

### 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?

Operator-owned 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	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	5	2	7

Personal four-wheeler	0	4	1	5
Personal two-wheeler	0	9	6	15
Bicycle	125	0	0	125
On foot	568	2	4	574
Others (non-motorised)	0	3	0	3
<b>SUB-TOTAL</b>	<b>693</b>	<b>23</b>	<b>13</b>	<b>729</b>

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

5

How many students suffer from respiratory ailments ?

15

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.	BHUTTU KHAN	bhuttokhansaifi@gmail.com
2.	BIRBAL SINGH	BIRBAL1088@GMAIL.COM
3.	DR SUKHPAL SINGH	SUKHPAL3769@GMAIL.COM

#### Administrative staff

Sno.	Name	Email
1.	Anita Chopra	gsss1088@gmail.com
2.	Ved prabha	gsss1088@gmail.com
3.	Ranjeet singh	gsss1088@gmail.com
4.	RajPal singh	gsss1088@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	PAWAN	gsss1088@gmail.com	12
2.	MANMEET	gsss1088@gmail.com	12
3.	JITENDER	gsss1088@gmail.com	12
4.	ROHIT	gsss1088@gmail.com	11
5.	IRFAN	gsss1088@gmail.com	12
6.	SONU	gsss1088@gmail.com	9
7.	WASIM	gsss1088@gmail.com	9
8.	ROHIT	gsss1088@gmail.com	9
9.	HARISH	gsss1088@gmail.com	8
10.	SONU	gsss1088@gmail.com	8

### 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.

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)	750	2700.00	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)	0	0.00	0
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	750.00	2700.00	

### Supporting Documents

1. e bill 001.jpg

4

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	15	40	3
CFL Bulbs	12	18	4
LED Lights	0	0	0
Fans	40	100	3

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?

300

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.	NAVEEN KUMAR	NVN_KUMAR2010@REDIFF.COM
2.	VINOD KUMAR	VINODTYAGILECT@GMAIL.COM

#### Administrative staff

Sno.	Name	Email
1.	Anita chopra	gsss1088@gmail.com
2.	vedprabha	gsss1088@gmail.com
3.	ranjeet singh	gsss1088@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	Anuj Jha	gsss1088@gmail.com	12
2.	Sachin	gsss1088@gmail.com	6
3.	sahil	gsss1088@gmail.com	12

### 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?  
Yes

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	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.

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

No documents uploaded by the school.



## LAND

### Task 1: Land Audit Team

#### Teachers

Sno.	Name	Email
1.	SAVITA DEVI	SAVITADIVYANSH81@GMAIL.COM
2.	SATYAKETU	SATYAKETU1088@GMAIL.COM
3.	aakanksha	gsss1088@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	Anita Chopra	gsss1088@gmail.com
2.	Rajpal singh	gsss1088@gmail.com
3.	sukh pal	gsss1088@gmail.com
4.	Ranjeet singh	gsss1088@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	vishnu	gsss1088@gmail.com	12
2.	Deepak Jha	gsss1088@gmail.com	12
3.	Rohit	gsss1088@gmail.com	11
4.	Vikash	gsss1088@gmail.com	9

### 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> )	6,300
Ground coverage area	1,250
Green landscaped area on-ground	280
Surface parking area	300
Play area that is paved/ concrete on ground	0

Play area that has grass on ground	0
Service Area on ground	0
Roof and terrace area	2,550
Green cover on exposed roof & terrace	0
Total built up/constructed area	2,550
Total no. of floors	25
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	15	0	15
Animals	0	0	0

### 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.	saraswati	gsss1088@gmail.com
2.	shilpa	gsss1088@gmail.com
3.	geeta	gsss1088@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	anita chopra	gsss1088@gmail.com
2.	ranjeet	gsss1088@gmail.com
3.	raj pal	gsss1088@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	sumit	gsss1088@gmail.com	11
2.	akash	gsss1088@gmail.com	11
3.	gopal jha	gsss1088@gmail.com	11
4.	puneet	gsss1088@gmail.com	12
5.	jatin	gsss1088@gmail.com	12
6.	vishnu	gsss1088@gmail.com	12

### 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	30001
Toilet flushing	1000
Personal cleaning	40
Washing clothes	60

Cooking	10
Cleaning Utensils	80
Washing Vegetables	5
Mopping floors	10
Gardening	200
Total	31406

### 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?

Municipality

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?	No
Do the drinking water points have spill proof taps to check overflow?	No
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?	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?

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

Yes

6(a) Does your school harvest different catchments?.

No

6(b) How does your school harvest rainwater?

By recharging groundwater

6(b)(1) Does your school have groundwater recharge structure?

No

6(c) How much area in your school is harvested?

31 to 40 per cent

6(d) Please select (from the list given below) the rainwater harvesting structures present in your school

Gutters

6(e) Rate your catchment on cleanliness:

Average

No documents uploaded by the school.

6(f) Does your school clean your catchment and system (structure)?

No

6(g) Does your school monitor the rainwater harvesting structure for its efficiency?

No

6(h) What is the trend of groundwater level in your school across the year?

No change

6(i) If your school's RWH structure is more than a year old, is there any improvement in the groundwater quality after the implementation of the RWH structure?

No

## 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?

6

9 How many hand pumps do you have?

0

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

6

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

	Girls	Boys	Common	Total
Number of toilets	1	5	0	6

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

3

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

Wastewater flows directly to the drains

No documents uploaded by the school.



## WASTE

### Task 1: Waste Audit Team

#### Teachers

Sno.	Name	Email
1.	JYOTI BALA	GSSS1088@GMAIL.COM
2.	SUNITA	GSSS1088@GMAIL.COM
3.	ANITA	GSSS1088@GMAIL.COM

#### Administrative staff

Sno.	Name	Email
1.	ANITA CHOPRA	GSSS1088@GMAIL.COM
2.	RANJEET SINGH	GSSS1088@GMAIL.COM
3.	RAJPAL	GSSS1088@GMAIL.COM

#### Students

Sno.	Name	Email	Grade/Class
1.	PUNEET	GSSS1088@GMAIL.COM	12
2.	JATIN	GSSS1088@GMAIL.COM	12
3.	ASLAM	GSSS1088@GMAIL.COM	7
4.	VIKAS	GSSS1088@GMAIL.COM	9
5.	ABHAY	GSSS1088@GMAIL.COM	8

### 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. Other: MID DAY MEAL WORKER

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	17	0	17	0	0
Playgrounds	2	0	2	0	0
Common area (e.g. reception, corridors)	0	0	0	0	0
Staffroom	3	0	3	0	0
Laboratory	1	0	1	0	0
Canteen	0	0	0	0	0
Clinic/ Sick room	0	0	0	0	0
Library	1	0	1	0	0
Toilets	1	0	1	0	0
Others	1	0	1	0	0
Total	26	0	26	0	0

No documents uploaded by the school.

### 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	250
Kitchen waste	40
Paper	30
Plastic	0
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0
Sanitary waste	200
Construction and Demolition (C & D) waste	0
Hazardous waste	0

Total Generated Solid Waste (in kilogram)

520

No documents uploaded by the school.

**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?

No

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

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	2	2	0
VCR or DVD players	1	1	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)	20	20	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	1	1	0
Pay telephones	0	0	0
Mobiles	0	0	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?

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

No documents uploaded by the school.





## 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?

Co-operation by staff, students and your team.

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?

Yes

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

The option for N/a or Dont' know should be added in certain questions.

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?

5.00

### Checklist of uploaded documents

1. Electricity Bill