



# GREEN SCHOOLS PROGRAMME

## Responses for Green Schools Programme Audit 2016

**School Name:** GOVT GIRLS SENIOR SECONDARY  
SCHOOL TAKHATGARH

**Address:** GOVT GIRLS SENIOR SECONDARY  
SCHOOL TAKHATGARH , VILL & PO -  
TAKHATGARH , TEH - ANANDPUR  
SAHIB , GOVT GIRLS SENIOR  
SECONDARY SCHOOL TAKHATGARH ,  
VILL & PO - TAKHATGARH , TEH -  
ANANDPUR SAHIB , ROPAR, Rupnagar,  
Punjab, India

**Coordinator Name:** DEEPAK RANA



## SCHOOL PROFILE

1

Name of the School / Institution

GOVT GIRLS SENIOR SECONDARY SCHOOL TAKHATGARH

2

Address

GOVT GIRLS SENIOR SECONDARY SCHOOL TAKHATGARH , VILL & PO - TAKHATGARH ,  
TEH - ANANDPUR SAHIB , GOVT GIRLS SENIOR SECONDARY SCHOOL TAKHATGARH ,  
VILL & PO - TAKHATGARH , TEH - ANANDPUR SAHIB , ROPAR, Rupnagar, Punjab, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 1887 (NUMBER) 245711

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9463188402

5

Principal Name

MANI RAM

6

GSP Coordinator Name

DEEPAK RANA

7

GSP Coordinator Email

gsss.takhatgarh@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9988354623

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:6

Highest level of grade:12

2

Is your school single gender or mixed gender?

Only girls

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: Punjab

4

Total permanent population of the school

	Male	Female	Total
Students	0	313	313
Teachers	10	6	16
Non-Teaching Staff	3	0	3
TOTAL	13	319	332

4(b)

How many visitors visit your school

2

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?

Sep, Nov

7

Where is the school located?

Rural Area



## AIR

### Task 1: Air Audit Team

#### Teachers

Sno.	Name	Email
1.	PARAMJIT KAUR	PARAMJIT KAUR

#### Administrative staff

Sno.	Name	Email
1.	DEEPAK RANA	gsss.takhatgarh@gmail.com
2.	SUKHWINDER KAUR	gsss.takhatgarh@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	TANPREET KAUR	gsss.takhatgarh@gmail.com	10
2.	MANDEEP KAUR	gsss.takhatgarh@gmail.com	10
3.	MANPREET KAUR	gsss.takhatgarh@gmail.com	10
4.	DEEPINDER KAUR	gsss.takhatgarh@gmail.com	10
5.	HARPREET KAUR	gsss.takhatgarh@gmail.com	10
6.	JASPREET KAUR	gsss.takhatgarh@gmail.com	10
7.	HARSIMRANJEET KAUR	gsss.takhatgarh@gmail.com	10
8.	AMANDEEP KAUR	gsss.takhatgarh@gmail.com	10

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

1 How many classrooms does your school have?

11

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 VI	360.00	200.00	55.56
CLASS VII	360.00	200.00	55.56

CLASS VIII	360.00	200.00	55.56
CLASS IX	440.00	220.00	50.00
CLASS IX	440.00	220.00	50.00
CLASS X	320.00	200.00	62.50
CLASS X	320.00	200.00	62.50
CLASS XI	320.00	200.00	62.50
CLASS XI	320.00	200.00	62.50
CLASS XII	320.00	200.00	62.50
TOTAL	3,560.00	2,040.00	

### 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	0	0	0	0
Public Bus	25	5	0	30
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	4	1	5
Taxi four-wheeler	0	0	0	0
Taxi three-wheeler	0	0	0	0
Personal four-wheeler	0	1	0	1
Personal two-wheeler	0	5	0	5
Bicycle	196	0	0	196
On foot	92	1	2	95

Others (non-motorised)	0	0	0	0
SUB-TOTAL	313	16	3	332

### 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.	NEERAJ PUNJ	gsss.takhatgarh@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	ROHIT SHARMA	gsss.takhatgarh@gmail.com
2.	MANJEET KAUR	gsss.takhatgarh@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	SHARANPREET KAUR	gsss.takhatgarh@gmail.com	10
2.	AMANPREET KAUR	gsss.takhatgarh@gmail.com	10
3.	KIRANDEEP KAUR	gsss.takhatgarh@gmail.com	10
4.	KIRAN KUMARI	gsss.takhatgarh@gmail.com	10
5.	KIRANJEET KAUR	gsss.takhatgarh@gmail.com	10
6.	MANJINDER KAUR	gsss.takhatgarh@gmail.com	10
7.	HARSHPREET KAUR	gsss.takhatgarh@gmail.com	10
8.	JASPREET KAUR	gsss.takhatgarh@gmail.com	10

### 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)	770	2772.00	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)	190	3344.00	3
Animal waste (kilogrammes)	0	0.00	0
Solar (kwh)	0	0.00	0
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	15	774.00	3
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	975.00	6890.00	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	0	0	0
Refrigerator	1	190	4
Microwave	1	5	2
Tube Lights	10	400	3
CFL Bulbs	32	480	3
LED Lights	0	0	0

Fans	52	3900	3
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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?

115

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.	ROHIT SHARMA	gsss.takhatgarh@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	MANI RAM	gsss.takhatgarh@gmail.com
2.	JIWAN DASS UGHRA	gsss.takhatgarh@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	HARLEEN KAUR	gsss.takhatgarh@gmail.com	6
2.	SUKHPREET KAUR	gsss.takhatgarh@gmail.com	6
3.	BINNI DEVI	gsss.takhatgarh@gmail.com	6
4.	NIKITA	gsss.takhatgarh@gmail.com	6
5.	HARPREET KAUR	gsss.takhatgarh@gmail.com	6
6.	RITIKA	gsss.takhatgarh@gmail.com	6
7.	RANO	gsss.takhatgarh@gmail.com	6
8.	VISHALI	gsss.takhatgarh@gmail.com	6

### 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?

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)	10	1000	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.	MANI RAM	gsss.takhatgarh@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	BALBIR CHAND	gsss.takhatgarh@gmail.com
2.	MANJIT SINGH	gsss.takhatgarh@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	SANDEEP KAUR	gsss.takhatgarh@gmail.com	9
2.	SIMARJOT KAUR	gsss.takhatgarh@gmail.com	9
3.	NARINDER KAUR	gsss.takhatgarh@gmail.com	9
4.	SUKHPREET KAUR	gsss.takhatgarh@gmail.com	9
5.	LOVEPREET KAUR	gsss.takhatgarh@gmail.com	9
6.	BHUPINDER KAUR	gsss.takhatgarh@gmail.com	9
7.	KOMAL	gsss.takhatgarh@gmail.com	9
8.	NAVDEEP KAUR	gsss.takhatgarh@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> )	2,457
Ground coverage area	1,445
Green landscaped area on-ground	0
Surface parking area	84
Play area that is paved/ concrete on ground	0

Play area that has grass on ground	928
Service Area on ground	0
Roof and terrace area	0
Green cover on exposed roof & terrace	0
Total built up/constructed area	1,445
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	35	6	41
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.	BALBIR CHAND	gsss.takhatgarh@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	MANJIT KAUR	gsss.takhatgarh@gmail.com
2.	JIWAN DASS UGHRA	gsss.takhatgarh@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	GURJOT KAUR	gsss.takhatgarh@gmail.com	9
2.	AMRITA RANI	gsss.takhatgarh@gmail.com	9
3.	KULDEEP KAUR	gsss.takhatgarh@gmail.com	9
4.	NEHA DEVI	gsss.takhatgarh@gmail.com	9
5.	SIMRANPREET KAUR	gsss.takhatgarh@gmail.com	9
6.	SIMRANJIT KAUR	gsss.takhatgarh@gmail.com	9
7.	MANPREET KAUR	gsss.takhatgarh@gmail.com	9
8.	MANISHA	gsss.takhatgarh@gmail.com	9

### 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	1000
Toilet flushing	50
Personal cleaning	0
Washing clothes	0
Cooking	30



Cleaning Utensils	10
Washing Vegetables	2
Mopping floors	0
Gardening	15
Total	1107

### 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

19-24 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?	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?	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)	Yes

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?

Yes

6(b)(1)(i)

Please share the total number of groundwater recharge structures

1.00

6(b)(1)(ii)

Please tick the type of groundwater recharge structure used in your school:

Recharge through abandoned tube well/bore well

6(c)

How much area in your school is harvested?

61 to 70 per cent

6(d)

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

Recharge structure

6(e)

Rate your catchment on cleanliness:

Good

No documents uploaded by the school.

6(f)

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

Yes

6(f)(1)

Please specify when does your school clean the catchment and RWH system?

Post-monsoon

6(g)

Does your school monitor the rainwater harvesting structure for its efficiency?

Yes

6(g)(1)

Please specify when does your school monitor the groundwater level?

Post-monsoon

6(h)

What is the trend of groundwater level in your school across the year?

If there was a decrease, please specify

6(h)(1)

Please specify how much was the decrease?

Less than a metre annually

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?

Yes

## 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)?	No
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?

3

9 How many hand pumps do you have?

0

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	5	0	2	7

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

9

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

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

Used for gardening and horticulture

No documents uploaded by the school.



## WASTE

### Task 1: Waste Audit Team

#### Teachers

Sno.	Name	Email
1.	HARPREET KAUR	gsss.takhatgarh@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	JASWINDER KAUR	gsss.takhatgarh@gmail.com
2.	SATVIR SINGH	gsss.takhatgarh@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	NAVNEET KAUR	gsss.takhatgarh@gmail.com	7
2.	ANU	gsss.takhatgarh@gmail.com	7
3.	SALONI	gsss.takhatgarh@gmail.com	7
4.	SIMRAN KAUR	gsss.takhatgarh@gmail.com	7
5.	VANDANA	gsss.takhatgarh@gmail.com	7

### 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	11	11	0	0	0
Playgrounds	1	1	0	0	0
Common area (e.g. reception, corridors)	1	1	0	0	0
Staffroom	1	1	0	0	0

Laboratory	1	1	0	0	0
Canteen	1	1	0	0	0
Clinic/ Sick room	0	0	0	0	0
Library	0	0	0	0	0
Toilets	7	7	0	0	0
Others	2	2	0	0	0
Total	25	25	0	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	26000
Kitchen waste	2500
Paper	1800
Plastic	00
Wood, glass, metal, classroom furniture	00
E-waste	00
Biomedical waste	00
Sanitary waste	1
Construction and Demolition (C & D) waste	00
Hazardous waste	1800
Total Generated Solid Waste (in kilogram)	32101

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 & 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?



## Landfill Site

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	1	1	0
Washing machines	0	0	0
Air conditioners	0	0	0
Heaters	0	0	0
Microwaves	0	0	0
Ovens	1	1	0
Toasters	0	0	0
Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	25	25	0
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	2	2	0
Copying equipment (Photocopiers)	0	0	0
Projectors	0	0	0
Whiteboards	0	0	0
Electrical & electronic typewriters	0	0	0

Pocket & desk calculators	0	0	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?

Yes

No documents uploaded by the school.

11a

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

Authorised dealer

## 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?

Yes

No documents uploaded by the school.

13a

What form do these awareness drives take?

As part of extracurricular activities such as guest lectures

14

Is the study of the environment integrated into the curriculum?

Yes

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?

Yes

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?

none

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?

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?

Yes

13

Did your students enjoy doing the Water activities?

Yes

13(a)

How many students were involved in the activities?

8.00

**Checklist of uploaded documents**

1. Picture of Mid-day meal being served