



# GREEN SCHOOLS PROGRAMME

## Responses for Green Schools Programme Audit 2016

**School Name:** C.S.I MATRICULATION HIGHER  
SECONDARY SCHOOL

**Address:** RACE COURSE, COIMBATORE,  
COIMBATORE, COIMBATORE, Tamil  
Nadu, India

**Coordinator Name:** Mr. DEEPAK KRISHNA KUMAR



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**

C.S.I MATRICULATION HIGHER SECONDARY SCHOOL

2

**Address**

RACE COURSE, COIMBATORE, COIMBATORE, COIMBATORE, Tamil Nadu, India

3

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

(ISD) 91 (STD) 0422 (NUMBER) 2220080

4

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

(ISD) 91 (Number) 9443804477

5

**Principal Name**

Mrs.GLORY LATHA DAVID

6

**GSP Coordinator Name**

Mr. DEEPAK KRISHNA KUMAR

7

**GSP Coordinator Email**

deepakgide@gmail.com

8

**GSP Coordinator Mobile Number**

(ISD)91 (Number) 9600375759

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?

State Board of Education (please select name of your state from the list below if applicable)

State: Tamil Nadu

4

Total permanent population of the school

	Male	Female	Total
Students	481	175	656
Teachers	7	26	33
Non-Teaching Staff	4	11	15
TOTAL	492	212	704

4(b)

How many visitors visit your school

500

5

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

220

6

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

Aug, Sep, Oct, Nov

7

Where is the school located?

Urban Area



## AIR

### Task 1: Air Audit Team

#### Teachers

Sno.	Name	Email
1.	MR. RAJA KUMAR	MR. RAJA KUMAR
2.	MR. JOHN CHRISTOPER	johnchris51972@gmail.com
3.	MR. SANTHOSH	csimhss2015@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	MR. EARNEST PAULSON	earnestpaulson@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	ANCY ROSE		4
2.	ESTHER		4
3.	JAMES		4
4.	KINGSTON		4
5.	KAVIN		4
6.	BERIL		5
7.	MANJU SHREE		5
8.	ALSON		5
9.	HARSHAD		5
10.	DAVID BERNICE		5

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

1 How many classrooms does your school have?

35

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 I	36.00	33.00	91.67
CLASS II	36.00	33.00	91.67
CLASS III	36.00	33.00	91.67
CLASS IV	36.00	33.00	91.67
CLASS V	36.00	33.00	91.67
CLASS VI	36.00	33.00	91.67
CLASS VII	36.00	33.00	91.67
CLASS VIII	36.00	33.00	91.67
CLASS IX	36.00	33.00	91.67
CLASS X	36.00	33.00	91.67
TOTAL	360.00	330.00	

### 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-owned vehicles

3(a)

Provide details of school-owned motorized vehicles .

	Buses	Cars	Vans	Others	Total
No. of vehicles	1	0	0	0	1
No. of vehicles more than five years old	0	0	0	0	0
Air conditioned	0	0	0	0	0
No. of vehicles with PUC done	1	0	0	0	1
Parking area (m2)	12	0	0	0	12

No documents uploaded by the school.

3(b)

Specify the type of fuel used by your school vehicles:

	Diesel	Petrol	LPG	CNG	Electric	Hybrid
Bus	1	0	0	0	0	0
Car	0	0	0	0	0	0
Van	0	0	0	0	0	0
Other vehicles	0	0	0	0	0	0
SUB-TOTAL	1	0	0	0	0	0

No documents uploaded by the school.

## 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
School Bus	70	0	0	70
Public Bus	300	12	10	322
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	0	0	0
Taxi four-wheeler	100	4	0	104
Taxi three-wheeler	30	0	0	30
Personal four-wheeler	0	0	0	0
Personal two-wheeler	0	8	3	11
Bicycle	20	0	0	20
On foot	136	11	0	147
Others (non-motorised)	0	0	0	0
SUB-TOTAL	656	35	13	704

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

5

How many students suffer from respiratory ailments ?

10

6

Does the school laboratory have air quality monitoring equipment?

Yes

No documents uploaded by the school.



## ENERGY

### Task 1: Energy Audit Team

#### Teachers

Sno.	Name	Email
1.	Mrs.AMALY	csimhss2015@gmail.com
2.	Mrs.DEVARANI	csimhss2015@gmail.com
3.	Mrs.MELBA	csimhss2015@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	MR. EARNEST PAULSON	earnestpaulson@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	SHARJEEL. S		11
2.	NIVESH. A		11
3.	PAULRAJ .M		11
4.	MUTHULAKSHMI.M		11
5.	AMUTHA PRIYA.M		11
6.	RITHICK MATHEW. J		8
7.	P.V.SRIHARSATH		8
8.	K.AMINA NOORA		8
9.	G.JEROME		9
10.	A.NIVEDHA		9

### 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?



Yes

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)	16.92	60.91	2
Electricity from generator (diesel) (litres)	0	0.00	0
Petrol (litres)	0	0.00	0
Diesel (litres)	100	4560.00	1
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)	68.4	3529.44	1
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	185.32	8150.35	

No documents uploaded by the school.

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	93	36	5
CFL Bulbs	11	60	20
LED Lights	0	0	0
Fans	81	50	10

### Supporting Documents

1. 1479471118023.jpg

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

5

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

75

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.	Mrs.S.JANE MERITTA	csimhss2015@gmail.com
2.	Mrs.SOPHIA	csimhss2015@gmail.com
3.	Mr. DEEPAK KRISHNA KUMAR	deepakgide@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	Mrs.HEPSHIBA	csimhss2015@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	REBECCA		4
2.	EVANGELIN		4
3.	SAYA SREE		4
4.	SMILES ALWIN		4
5.	RUBESH		4
6.	JEYA SURYA		4
7.	DOMINIC		5
8.	IVAN PRAISON		5
9.	SWETHA		5
10.	SANJEI		5

### 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?

645.00

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	2	75	2
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)	2	95	10
Ice-cream	6	95	10
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?

Yes

5(a) Details are as follows:

	Number of servings sold when on the menu
Nimboo pani	0
Sweet lassi	0
Salted butter milk	20
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?

Yes

7(a) Please provide the names?

chocolates and snacks

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.	Mrs.PREMA	csimhss2015@gmail.com
2.	Mrs.JANSI	csimhss2015@gmail.com
3.	Mrs.LILLY	csimhss2015@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	Mrs.PREETHI	csimhss2015@gmail.com
2.	MR.PAULSON	csimhss2015@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	TITUS NICKSON		8
2.	RITHICK		8
3.	JAISON		9
4.	SAHUL HAMEED		9
5.	KANISHKA		9
6.	SNEHA		9
7.	AMAL		8
8.	RITHISH		9
9.	VIGNESH		9
10.	SAM SANTHOSH		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 (m2)	102,000
Ground coverage area	900

Green landscaped area on-ground	510
Surface parking area	50
Play area that is paved/ concrete on ground	250
Play area that has grass on ground	250
Service Area on ground	250
Roof and terrace area	21,761
Green cover on exposed roof & terrace	200
Total built up/constructed area	802,239
Total no. of floors	3
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	100	300	400
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

#### Supporting Documents

1. 1479445744086.jpg



## WATER

### Task 1: Water Audit Team

#### Teachers

Sno.	Name	Email
1.	Mrs.LYNDA	lindaskings@gmail.com
2.	Miss.JENNIFER	jennybeaulaha@gmail.com
3.	Miss.SUGANYA	suganya.murugesan@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	Mrs.PREETHI	csimhss2015@gmail.com
2.	Mr.PAULSON	csimhss2015@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	PRAVEEN KUMAR		9
2.	DANUSH		9
3.	ABBEY		9
4.	AKASH		9
5.	MOHAN AJAY		9
6.	GODWIN JOY		8
7.	SATHISH		8
8.	GNANASEKARAN		8
9.	SAMUEL		8
10.	HARSATH		8

### 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	500
Toilet flushing	600



Personal cleaning	300
Washing clothes	10
Cooking	10
Cleaning Utensils	5
Washing Vegetables	3
Mopping floors	10
Gardening	400
Total	1838

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

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

Rain 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

=1 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?	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?	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?	Yes
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?.

Yes

6(a)(1) Which is the catchment area being harvested by your school?

Rooftop + Paved

6(b) How does your school harvest rainwater?

Combination of both

6(b)(1) If your school only stores rainwater, please select the use of stored rainwater.

Gardening, Toilets, Washing vehicles

6(b)(2) Does your school have rainwater storage tank?

Yes

6(b)(2)(a) Total capacity of storage tank (litres)

1000.00

6(b)(2)(b) Total number of storage tanks

20.00

6(b)(2)(c) Location of tanks:

Underground

6(b)(2)(d) Material options for tanks

Combination of PVC + RCC + Brick

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

21 to 30 per cent

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

Storage tank

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?

Do not follow any such pattern

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?

Do not follow any such pattern

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?

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?	No
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?

6

9 How many hand pumps do you have?

0

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

18

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

	Girls	Boys	Common	Total
Number of toilets	5	9	38	52

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

38

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

11

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?

Yes

18

Does your school reuse the treated wastewater?

Yes

18(a)

How does your school reuse wastewater?

Gardening

No documents uploaded by the school.



## WASTE

### Task 1: Waste Audit Team

#### Teachers

Sno.	Name	Email
1.	Mrs.SHEEBA	csimhss2015@gmail.com
2.	Mrs.SAGANA	csimhss2015@gmail.com
3.	Miss. VIJAYA SARSWATHI	csimhss2015@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	Mrs.PREETHI	csimhss2015@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	MOHAMMED FAZIL		6
2.	PAUL SAMUEL		6
3.	KAVIPRIYA		6
4.	RINCY		7
5.	RAJA		6
6.	KISHORE		6
7.	ROSAN		6
8.	SELVA LAKSHMI		6
9.	YASHIKA		6
10.	MESHACH		6

### 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

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	35	0	0	35	0
Playgrounds	10	0	0	10	0
Common area (e.g. reception, corridors)	5	0	0	5	0
Staffroom	6	0	0	6	0
Laboratory	7	0	0	7	0
Canteen	3	0	0	3	0
Clinic/ Sick room	2	0	0	2	0
Library	3	0	0	3	0
Toilets	6	0	0	6	0
Others	6	0	0	6	0
Total	83	0	0	83	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	20
Kitchen waste	4
Paper	300
Plastic	100
Wood, glass, metal, classroom furniture	5
E-waste	0
Biomedical waste	0

Sanitary waste	20
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	449

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?

Designated dumping site (Dhalao)

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	2	2	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)	27	20	7

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)	1	1	0
Projectors	1	1	0
Whiteboards	1	1	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	0	0	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	3	3	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?

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?

As part of the curriculum

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?

Innovative ideas

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?

No

11

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

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. Pictures of Green Cover