

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA NO. 1

GOLCONDA

Address: LANGERHOUSE, HYDERABAD,

HYDERABAD, HYDERABAD, Telangana,

India

Coordinator Name: MRS.G.VASUNDHARI



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

KENDRIYA VIDYALAYA NO. 1 GOLCONDA

2 Address

LANGERHOUSE, HYDERABAD, HYDERABAD, HYDERABAD, Telangana, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 040 (NUMBER) 23513701

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 7382306512

5 Principal Name

MRS.P.V.V.PRASANNA

6 GSP Coordinator Name

MRS.G.VASUNDHARI

GSP Coordinator Email

g.vasundhari@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 8008700043

Category Of The School

Day Scholar

School Shifts

Morning

GENERAL QUESTIONS

How many levels does your school have?

Lowest level of grade:1 Highest level of grade:12

ls your school single gender or mixed gender?

Mixed/Co-education

Which board of education does the school follow?

Central Board of Secondary Education

Total permanent population of the school

	Male	Female	Total
Students	945	864	1809
Teachers	29	40	69
Non-Teaching Staff	4	1	5
TOTAL	978	905	1883

4(b) How many visitors visit your school

500

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

220

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

Aug, Sep, Oct

Where is the school located?

Urban Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	MR MADHUSUDHANA RAO	MR MADHUSUDHANA RAO
2.	MRS A B NIRMALA	ab.nirmala@gmail.com
3.	MRS G.VASUNDHARI	g.vasundhari@gmail.com

Administrative staff

Sno.	Name	Email
1.	B NARSINGA RAO	bnarsingrao47@gmail.com
2.	ARUN KUMAR	akkarnakoti@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	ANAND KINKAR MALAKAR	anandkinkarmalakar@gmail.com	11
2.	DEEPAK KUMAR	deepakkumar@gmail.com	11
3.	ABHISHEK KUMAR	akd.kr53@gmail.com	11
4.	G RISHI	gantarishi@gmail.com	11
5.	MOHD ZUBAIN SHAH	princezubain8989@gmail.com	11

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

How many classrooms does your school have?

46

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 II SECTION B	44.50	1.44	3.24
CLASS V SECTION A	44.50	1.44	3.24
CLASS IX SECTION A	44.50	1.44	3.24

CLASS VII SECTION A	49.00	1.44	2.94
CLASS VIII SECTION B	49.00	1.44	2.94
CLASS XI SECTION A	44.50	1.44	3.24
CLASS XII SECTION B	44.50	1.44	3.24
CLASS XII SECTION A	44.50	1.44	3.24
CLASS X SECTION B	44.50	1.44	3.24
CLASS VI SECTION C	44.50	1.44	3.24
TOTAL	454.00	14.40	

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

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?

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	250	12	2	264
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	285	0	0	285
Taxi four-wheeler	25	8	0	33
Taxi three-wheeler	185	10	0	195
Personal four-wheeler	10	9	0	19
Personal two-wheeler	400	10	0	410
Bicycle	28	0	2	30
On foot	526	20	1	547
Others (non-motorised)	100	0	0	100

SUB-TOTAL 1809 69 5 1883

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

How many students suffer from respiratory ailments?

0

Does the school laboratory have air quality monitoring equipment?

No

No documents uploaded by the school.

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.	A.B NIRMLA	ab.nirmala@gmail.com
2.	G.VASUNDHARI	gvasundhari@gmail.com
3.	M.MADHUSUDHAN	madhuchem2007@gmail.com

Administrative staff

Sno.	Sno. Name Email	
1.	NARSING RAO	bnarsingrao@y7mail.com
2.	ARUN KUMAR	akkarnakoti@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	VICKY KUMAR	vickykumarsojk@gmail.com	11
2.	VISHNU RANA	vishnurana555@gmail.com	11
3.	G.RISHI	gantarishi11@gmail.com	11
4.	AMAN SHARIF	adiba.sharif@gmail.com	11
5.	SHIV SHANKER SINGH	shivshanker290@gmail.com	11

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. electricity bill.jpg

Does your school have its own vehicles?

No

	Quantity consumed/monthly average	Energy consumed in Megajoules (MJ)	Type of use
Electricity from the board (kwh)	13454	48434.40	4
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)	125	450.00	1
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	1.61	83.08	1
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	13580.61	48967.48	

Supporting Documents

1. GAS BILL.jpg

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	5	1.5	3
Refrigerator	1	165	3.5
Microwave	0	0	0

Tube Lights	396	40	4
CFL Bulbs	20	100	4.5
LED Lights	0	0	0
Fans	278	45	5

No documents uploaded by the school.

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



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

Yes

Name the alternate sources of energy employed/ installed in your school?

Solar

Supporting Documents

1. 1.jpg



Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	MRS P.SWAROOPA RANI	pullaswarooparani@yahoo.com
2.	MRS INDU YADAV	indumam@gmail.com
3.	MRS FARZANA KAUSAR	fajjuloves@yahoo.com

Administrative staff

Sno.	Name	Email
1.	narsinga rao	bnarsingrao@47mail.com
2.	arun kumar	akkarnakoti@gmail.com
3.	ram kumar	povturiramkumar1990@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	maheen	shajehan99123@gmail.com	8
2.	uzma sultana	maznal292003@gmail.com	8
3.	gayathri	avrao.addankie@gmail.com	8
4.	manpreet kour	harminderkaur644@gmail.com	8
5.	pranjal roy	prakxe@gmail.com	10
6.	nouh	shabanabegum045@gmail.com	10
7.	maria cynthia	pushpanarila387@yahoo.com	9
8.	bhavana reddy	bbsp09@gmail.com	9
9.	shraddha	sanjayalgikere@gmail.com	8
10.	zobia fatima	mohrazzak242@gmail.com	6

Task 2: Find out about the food service in your school.

Does your school have a provision/space to sell packaged food items within the campus

No

Does your school serve midday meals?

No

2(a)

Do students bring their own lunch from home?

Yes

Supporting Documents

- 1. 1.jpg
- 2. 2.jpg
- 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

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.

No

Does your school serve traditional Indian beverages?

No

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

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

No

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

Yes

7(a) Please provide the names?

BISCUTS, FRUITS DURING NATIONAL FESTIVALS, ANNUAL DAY CELEBRATIONS ETC,

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

No

Supporting Documents

- 1. FOOD AUDIT TEAM IN ACTION.jpg
- 2. 4.jpg
- 3. 3.jpg



Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Farzana kauser	fajjuloves@yahoo.co.in
2.	Vasundhari	g.vasundhari@gmail.com
3.	Indu yadav	indumam@gmail.com

Administrative staff

Sno.	Name	Email
1.	Narsing Rao	bnarsingrao@y7mail.com
2.	Arun Kumar	akkarnakoti@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	P.Haripriya	peravalid2060@gmail.com	10
2.	B.Chaitanya Ashish	chaitanya.ashish1@gmail.com	10
3.	P.Lakshmi Lahari	lakshmilahari.1414@gmail.com	10
4.	A.Pavan Sai	ayyalisai18@gmail.com	10
5.	Bandi Venkata Sweta Laxmi	bvswetha59@gmail.com	10
6.	K.A.K.S Chitra Bhanu Markoni	kanishkhasri12@gmail.com	10
7.	Adepu Manideep	manideep2828@gmail.com	10
8.	Gokula Krishna Viramalar	gokul.krishna1302@gmail.com	10
9.	S.Ansar Basha	bashaansar808@gmail.com	10
10.	Dharavath Sony Bai	dsonybai126@gmail.com	10

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)	93,078
Ground coverage area	17,043

Green landscaped area on-ground	8,313
Surface parking area	800
Play area that is paved/ concrete on ground	14,765
Play area that has grass on ground	76,035
Service Area on ground	6,000
Roof and terrace area	8,000
Green cover on exposed roof & terrace	0
Total built up/constructed area	17,043
Total no. of floors	2
Others	0

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

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

	Native	Exotic	Total
Plants	30	0	30
Animals	12	0	12

Task 4: Find out if your school uses pesticides

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

No

Supporting Documents

- 1. 3.jpg
- 2. 4.jpg
- 3. 5.jpg
- 4. 1.jpg
- 5. 2.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	INDU YADAV	indumam@gmai.com
2.	P SWAROOPA RANI	pullaswarooparani@yahoo.com
3.	FARZANA KAUSER	fajjuloves@yahoo.com

Administrative staff

Sno.	Name	Email
1.	NARSINGH RAO	bnarsingrao47@gmail.com
2.	ARUN KUMAR	akkarnoti@gmail.com
3.	RAM KUMAR	povturiramkumar1990@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	AKASH	akash@yahoo.com	7
2.	KAWADE PRATIK	pradeepkawade25@gmail.com	7
3.	NIKHIL	ramakrishna.t@gmail.com	7
4.	MD PARVEZ ANSARI	menaansari@yahoo.com	7
5.	PRASANT KUMAR	prasant.kumar126@gmail.com	7
6.	SYED MD MAAZ	maazs78@yahoo.com	7
7.	G PRASHASTH	gorrurmuchubujji@gmail.com	7
8.	D NEETHI BAI	dgopalnaik@rediff.com	7
9.	M HIMAJA	sugunameesala@gmail.com	7
10.	B THARUN KIRAN	laxmikanthpetstar@gmail.com	7

Task 2: How much water does your school use?

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)	
Drinking	1000	

Toilet flushing	400
Personal cleaning	100
Washing clothes	100
Cooking	0
Cleaning Utensils	50
Washing Vegetables	0
Mopping floors	100
Gardening	100
Total	1850

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

Where does the water your school uses, come from?

Ground water, Surface water

Who supplies the water in your school?

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

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?

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?	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

Supporting Documents

- 1. DSC02242.JPG
- 2. DSC02244.JPG
- 3. DSC02248.JPG
- 4. DSC02252.JPG

Task 5: Does your school harvest rainwater?

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

No

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

809

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

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

How many drinking water taps do you have?

18

How many hand pumps do you have?

0

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

30

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

	Girls	Boys	Common	Total
Number of toilets	17	15	0	32

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

43

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

4

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

Yes

ls the water supply sufficient?

Yes

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?

Does your school treat wastewater?

No

Does your school reuse the treated wastewater?

No

Please specify the fate of wastewater

Used for gardening and horticulture

Supporting Documents

1. 1.jpg



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	MRS. G. VASUNDHARI	g.vasundhari@gmail.com
2.	MR.RAMA RAO	rams.komma@gmail.com
3.	MRS.SUMA	2001.sunanda@gmail.com

Administrative staff

Sno.	Name	Email
1.	NARSINGA RAO	bnarsingrao47@gmail.com
2.	ARUN KUMAR	akkarnakoti@gmail.com
3.	RAM KUMAR	povturiramkumar1990@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SNEHA KUMARI	nehakumaricool555@gmail.com	11
2.	D.KAVYA	dagudu.kavya@gmail.com	11
3.	SADAF FATIMA	fatimasadaf1234@gmail.com	11
4.	LAXMIPRIYA	gujjalaxmipriya@gmail.com	11
5.	BHAGEERATH RAO	bhageerath2001@gmail.com	11

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

Does your school segregate solid waste?

Yes

Who segregates the waste at source?

- 1. Housekeeping (Sweeper)
- 2. Gardener

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	6	0	6	0	0
Playgrounds	2	0	2	0	0
Common area (e.g. reception, corridors)	5	0	5	0	0
Staffroom	2	0	2	0	0
Laboratory	3	0	3	0	0
Canteen	0	0	0	0	0
Clinic/ Sick room	3	0	1	1	1
Library	1	0	1	0	0
Toilets	5	0	5	0	0
Others	3	0	3	0	0
Total	30	0	28	1	1

Supporting Documents

- 1. 1.jpg
- 2. 6.jpg

Task 3: How much waste does your school generate?

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

	Collection per month (Frequency may differ)
Garden/ horticulture waste	40
Kitchen waste	0
Paper	10
Plastic	2
Wood, glass, metal, classroom furniture	1
E-waste	0.5

Biomedical waste	1.5
Sanitary waste	30
Construction and Demolition (C & D) waste	0.5
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	85.5

Supporting Documents

1. 5.jpg

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

Does your school recycle any generated waste?

Yes

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

	Quantity
Garden/ horticulture waste	20
Kitchen waste	0
Paper	1
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)	22

Does your school have a composting facility?

Yes

Supporting Documents

1. 2.jpg

5a What is the methodology used?

Natural composting without added microbesOther: compostpit

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

5.00

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

For school garden

Does your school encourage students & teachers to reuse textbooks?

Yes

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. 8.jpg

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	1	1	0
VCR or DVD players	0	0	0
Refrigerators and freezers	1	1	0
Washing machines	0	0	0
Air conditioners	5	4	1
Heaters	0	0	0
Microwaves	0	0	0
Ovens	0	0	0
Toasters	0	0	0
Electric Kettles	1	1	
Personal computers (CPU, mouse, screen and keyboard included)	163	123	40

Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	7	7	0
Copying equipment (Photocopiers)	5	5	0
Projectors	14	12	2
Whiteboards	11	11	0
Electrical & electronic typewriters	1	1	0
Pocket & desk calculators	0	0	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	0	0	0
Pay telephones	0	0	0
Mobiles	0	0	0
Answering systems	0	0	0

Supporting Documents

1. 2.jpg

Do you know that your E-waste can be collected by an authorised dealer or dismantler?

Yes

Supporting Documents

1. 3.jpg

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?

Yes

Policy document

6.jpg

13

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

Yes

Supporting Documents

- 1. 5.jpg
- 2. 3.jpg

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

Is the study of the environment integrated into the curriculum?

Yes

Supporting Documents

1. 1.jpg



FEEDBACK

Has your school participated in the Green Schools Programme (GSP) Audit before?

No

Have teachers from your school participated in teacher interactive workshops organized by the GSP team?

No

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

Yes

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

Yes

Did you understand the present format of the GSP?

Yes

Do you think your school will be a Green School (resource efficient) by 2019?

Yes

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

RAIN WATER HARVESTING SYSTEM MAY BE PROVIDED BY THE GOVERNMENT. AIR FILTRATION EQUIPMENT CAN BE PROVIDED BY THE HEALTH SERVICE PROVIDERS.

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

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

Yes

If yes, please share your suggestions.

Environmental issues such as Bird nestings and information about local birds can also be considered in this audit.

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

Yes

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

Twice

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

Did your students enjoy doing the Water activities?

Yes

How many students were involved in the activities?

10.00

Checklist of uploaded documents

1. Fuel Bills

13(a)

- 2. Electricity Bill
- 3. Picture of Renewable sources of Energy
- 4. Photographs of lunch boxes
- 5. Pictures of Green Cover
- 6. Pictures of landscaped area
- 7. Building construction plan
- 8. Pictures of dustbins in classroom showing segregation at source
- 9. Pictures of playground with more than two dustbins
- 10. Picture of audit team weighing solid waste
- 11. Picture of types of solid waste generated
- 12. Pictures of recycling units composting pit, paper recycling machine, selling paper to kabadiwala, recyclers,etc
- 13. Pictures of housekeeping staff disposing different types of solid waste
- 14. Pictures of Electronic items used by school and storage of non-working electronic items
- 15. Waste Policy
- 16. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc

17. Pictures of respective audit teams doing survey