



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA NO. 1 AFA
DUNDIGAL

Address: DUNDIGAL, HYDERABAD,
HYDERABAD, HYDERABAD, Telangana,
India

Coordinator Name: K V RAMA RAJU



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 NO. 1 AFA DUNDIGAL

2

Address

DUNDIGAL, HYDERABAD, HYDERABAD, HYDERABAD, Telangana, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 040 (NUMBER) 29809715

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 8179769402

5

Principal Name

VEENA A ROTE

6

GSP Coordinator Name

K V RAMA RAJU

7

GSP Coordinator Email

kunaparaju2@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9440351828

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	488	459	947
Teachers	14	22	36
Non-Teaching Staff	7	0	7
TOTAL	509	481	990

4(b)

How many visitors visit your school

10

5

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

221

6

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

Oct, Nov

7

Where is the school located?

Urban Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	PRABHAKAR RAO	PRABHAKAR RAO

Administrative staff

Sno.	Name	Email
1.	VEERA SWAMY	kv1_afa@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	SNEHA	snehadazzling01@gmail.com	11
2.	B HIMAGIRI	himag82@gmail.com	11
3.	K MANOHAR	johnmanohar123@gmail.com	11

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

1 How many classrooms does your school have?

25

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)
1A	51.00	11.40	22.35
2B	51.00	11.40	22.35
3A	51.00	11.40	22.35
4B	51.00	11.40	22.35
5A	51.00	11.40	22.35
6B	51.00	11.40	22.35

7C	51.00	11.40	22.35
9B	51.00	11.40	22.35
10A	51.00	11.40	22.35
12A	51.00	11.40	22.35
TOTAL	510.00	114.00	

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	250	0	0	250
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	0	0	0
Taxi four-wheeler	175	0	0	175
Taxi three-wheeler	30	0	0	30
Personal four-wheeler	0	9	0	9
Personal two-wheeler	0	17	2	19
Bicycle	200	0	3	203
On foot	292	10	2	304
Others (non-motorised)	0	0	0	0
SUB-TOTAL	947	36	7	990

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.	RAMESH	rameshkkv1@gmail.com

Administrative staff

Sno.	Name	Email
1.	VER AYYA	verayyakv1@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	GOUSIA	ghousiabegum04@gmail.com	11
2.	ROHINI	rohini.great2000@gmail.com	11
3.	SHAHAREEN	ghousiabegum04@gmail.com	10
4.	MEGHANA	ghousiabegum04@gmail.com	10
5.	NAAZ	ghousiabegum04@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. New Doc 3.pdf
2. New Doc 4.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)	1176.5	4235.40	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)	3.5	180.60	5
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	1180.00	4416.00	

Supporting Documents

1. New Doc 3.pdf
2. New Doc 4.pdf

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	5	1.5	3
Refrigerator	3	165	4
Microwave	0	0	0

Tube Lights	310	40	0
CFL Bulbs	0	0	0
LED Lights	0	0	0
Fans	110	60	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?

270

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.	PRAMOD	saralapramod@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	MUTTIYALU	kv1afa@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	ANJALI KALLINGAL	kallingalanjali9@gmail.com	11
2.	POOJA		10
3.	MEENAKSHI		10
4.	SIREESHA		10
5.	MANASA		10

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?

No

2(a)

Do students bring their own lunch from home?

Yes

Supporting Documents

1. IMG_20161118_114132.jpg
2. IMG_20161118_114206.jpg
3. IMG_20161118_114309.jpg
4. IMG_20161118_114349.jpg

5. IMG_20161118_114713.jpg

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

947.00

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)	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

Supporting Documents

1. IMG_20161118_131516.jpg
2. IMG_20161118_131718.jpg



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	PREETI	himanshu747007@gmail.com

Administrative staff

Sno.	Name	Email
1.	Sastry	kv1afa@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	SASWATA BEHERA	saswatabehera456@gmail.com	11
2.	PRAVALLIKA	pravitumma@gmail.com	11
3.	HIMA	megahimak@gmail.com	11
4.	HIMANSHU	himanshu747007@gmail.com	11
5.	VIVEK SHARMA	himanshu747007@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 (m2)	60,702
Ground coverage area	16,187
Green landscaped area on-ground	199,936
Surface parking area	3,000
Play area that is paved/ concrete on ground	1,500
Play area that has grass on ground	24,281
Service Area on ground	0
Roof and terrace area	2,056

Green cover on exposed roof & terrace	0
Total built up/constructed area	4,122
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	20	0	20
Animals	5	0	5

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. greencover.jpg
2. greencover2.jpg
3. landscap.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	AARTHI	aarthi123@gmail.com

Administrative staff

Sno.	Name	Email
1.	chatru	Kv1afa@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	RITU	Kv1afa@yahoo.com	11
2.	KRISHNA KUMARI	Kv1 afa@yahoo.com	10
3.	MANASA	Kv1afa@yahoo.com	10
4.	MEGHANA	Kv1afa@yahoo.com	10

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	4000
Personal cleaning	2000
Washing clothes	0
Cooking	0
Cleaning Utensils	50
Washing Vegetables	0
Mopping floors	500
Gardening	2000

Total	9550
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Task 3: What are the sources, supply and storage of water in your school

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

Surface 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

=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?	Yes
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

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).

3

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?

24

9

How many hand pumps do you have?

0

10

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

24

11

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

	Girls	Boys	Common	Total
Number of toilets	4	4	0	8

12

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

2

13

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

6

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

Used for gardening and horticulture

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	shoban babu	kv1afa@yahoo.com

Administrative staff

Sno.	Name	Email
1.	chatru	kv1afa@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	k lakshmi tejaswini	klakshmitejaswini999@gmail.com	11
2.	PAYAL	kv1afa@yahoo.com	10
3.	BHGYASREE	kv1afa@yahoo.com	10
4.	JHONY	kv1afa@yahoo.com	10
5.	MADHURI	kv1afa@yahoo.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 Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	25	0	25	0	0
Playgrounds	10	0	4	6	0

Common area (e.g. reception, corridors)	12	0	12	0	0
Staffroom	4	0	0	4	0
Laboratory	8	0	8	0	0
Canteen	0	0	0	0	0
Clinic/ Sick room	1	0	0	0	1
Library	2	0	2	0	0
Toilets	8	0	0	0	8
Others	0	0	0	0	0
Total	70	0	51	10	9

Supporting Documents

1. dust.jpg
2. dust1.jpg
3. dust2.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	400
Kitchen waste	0
Paper	50
Plastic	4
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	0

Hazardous waste	0
Total Generated Solid Waste (in kilogram)	454

Supporting Documents

1. compuer lab.jpg

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?

No

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?

Yes

Supporting Documents

1. dust2.jpg

9a

Where does your school burn waste?

Inside the school

9b

What kind of waste is being burnt/ incinerated?

Horticultural

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	2	2	0
Refrigerators and freezers	2	2	0
Washing machines	0	0	0
Air conditioners	3	3	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)	62	62	0
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	8	8	0
Copying equipment (Photocopiers)	3	3	0
Projectors	5	5	0
Whiteboards	2	2	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	4	4	0
Fax machines	3	3	0
Telex	0	0	0
Telephones	2	2	0
Pay telephones	0	0	0
Mobiles	0	0	0
Answering systems	0	0	0

Supporting Documents

1. compuer lab.jpg

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

Supporting Documents

1. rrr.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. survey.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?

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?

since our school works under air force, we have some constraints to have our own policies with respect to waste and water management.

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?

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?

30.00

Checklist of uploaded documents

1. Fuel Bills
2. Electricity Bill
3. Photographs of lunch boxes
4. Pictures of Green Cover
5. Pictures of landscaped area
6. Pictures of dustbins in classroom showing segregation at source
7. Pictures of playground with more than two dustbins
8. Picture of types of solid waste generated
9. Pictures of recycling units - composting pit, paper recycling machine, selling paper to kabadiwala, recyclers, etc
10. Pictures of burning waste
11. Pictures of respective audit teams doing survey