

Responses for Green Schools Programme Audit 2016

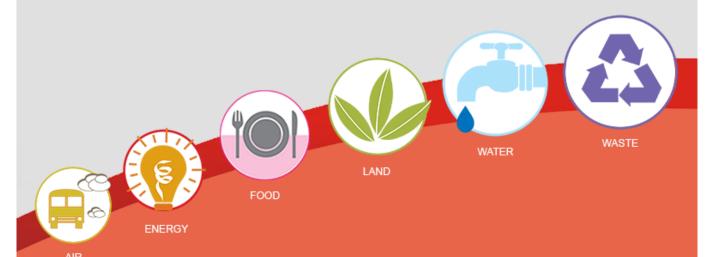
School Name: KV CRPF AMERIGOG GUWAHATI

Address: 9 MILE, CRPF CAMPUS AMERIGOG

GUWAHATI, GUWAHATI, Kamrup

Metropolitan, Assam, India

Coordinator Name: MR. RAJIV KUMAR JHA



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

Name of the School / Institution

KV CRPF AMERIGOG GUWAHATI

2 Address

9 MILE , CRPF CAMPUS AMERIGOG GUWAHATI, GUWAHATI, Kamrup Metropolitan, Assam, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 0361 (NUMBER) 2895041

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 7035336394

5 Principal Name

VISHNU DUTT TAILOR

6 GSP Coordinator Name

MR. RAJIV KUMAR JHA

GSP Coordinator Email

jhasir_kv@rediffmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9508426865

g Category Of The School

Day Scholar

10 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	844	720	1564
Teachers	40	24	64
Non-Teaching Staff	11	1	12
TOTAL	895	745	1640

4(b) How many visitors visit your school

180

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

225

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

Sep, Oct, Nov

Where is the school located?

Urban Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	M MOHANTY	M MOHANTY
2.	BIJAY BHAKTA	bijoybhakta@gmail.com

Administrative staff

Sno.	Name	Email
1.	MR B R BARLASKAR	kvcrpf@gmail.com
2.	MR. S. ROY	kvcrpf@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SURAJ KR SAHA	sahsurajd@gmail.com	12
2.	BANAMAYA GOYARI	IAMBONOMAYA@GMAIL.COM	12
3.	BIKASH KUMAR	KBIKASH062@GMAIL.COM	12
4.	PRAYASHI LAHKAR	PRAYASHILAHKAR@gmail.com	12
5.	KASHMIRI SINHA	SKUMKUN365@gmail.com	12

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

How many classrooms does your school have?

38

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 section A	49.00	11.00	22.45
Class III section A	49.00	11.00	22.45
Class IV section A	49.00	11.00	22.45
Class V section A	49.00	11.00	22.45

Class VI section A	49.00	11.00	22.45
Class VII section C	49.00	11.00	22.45
Class VIII section B	49.00	11.00	22.45
Class IX section C	49.00	11.00	22.45
Class XII section B	49.00	11.00	22.45
Class XI section C	49.00	11.00	22.45
TOTAL	490.00	110.00	

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	1000	10	1	1011
Public Bus	100	4	0	104
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	0	0	0
Taxi four-wheeler	150	0	0	150
Taxi three-wheeler	0	0	0	0
Personal four-wheeler	50	10	1	61
Personal two-wheeler	150	20	0	170
Bicycle	34	0	0	34
On foot	80	20	10	110
Others (non-motorised)	0	0	0	0

SUB-TOTAL 1564 64 12 1640

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

How many students suffer from respiratory ailments?

6

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.	PRANAB DAS	kvcrpf@gmail.com
2.	MR MOHANTY	mbmohanty2010@gmail.com

Administrative staff

Sno.	Name	Email
1.	B R BARLASKAR	kvcrpf@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	RAHIL	kvcrpf@gmail.com	10
2.	AFRID	kvcrpf@gmail.com	10
3.	NIKHIL	kvcrpf@gmail.com	10
4.	MICHAL	kvcrpf@gmail.com	10
5.	KARTIK SARMAH	kvcrpf@gmail.com	10
6.	NILOY	kvcrpf@gmail.com	10
7.	SHAMIM	kvcrpf@gmail.com	10
8.	SIDDHARTH	kvcrpf@gmail.com	9
9.	HIMANSHU	kvcrpf@gmail.com	9
10.	BISHAL	kvcrpf@gmail.com	9

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

14

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)	7251	26103.60	5
Electricity from generator (diesel) (litres)	32	1459.20	5
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)	14.2	732.72	5
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	7297.20	28295.52	

Supporting Documents

1. FUEL BILL.jpg

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	9	1.5	2 star

Refrigerator	1	180	4 star
Microwave	0	0	0
Tube Lights	400	40	3 star
CFL Bulbs	10	20	5 star
LED Lights	0	0	0
Fans	330	100	3 star

1. 5 STAR.jpg

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

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

20

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

No

No documents uploaded by the school for energy chapter.



Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	R SINGH	ranranjay82@gmail.com
2.	MRS P GOGOI	pallavi_gogoi123@yahoo.co.in
3.	MR SANJEEV	sanjeevkaran.10@gmail.com

Administrative staff

Sno.	Name	Email
1.	MR R.I BARLASKAR	ribarlaskar@gmail.com
2.	S ROY	svvinaoy26727@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	KAUSHIK GOSWAMI	kaushik87230@gmail.com	12
2.	KAUSHIK DUTTA	kaushikduttaheckler@gmail.com	12
3.	AMAN PANDEY	amanpandey529@gmail.com	12
4.	ANGSHUMAN	angshuboro11@gmail.com	12
5.	SURAJ RAI	sunny140498100y@gmail.com	12
6.	NINU KHATUN	m.af2al@gmail.com	12
7.	LANGKESH	langkeshAthokpam77@gmail.com	12
8.	MEGHA ROY	megha22.mr@gmail.com	12
9.	SHIVAM BRAHMA	shivani15brahma@gmail.com	12
10.	BANAMAYA GOYARI	iambonomanya@gmail.com	12

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

Do students bring their own lunch from home?

Yes

Supporting Documents

1. LUNCH BOX.jpg

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

1485.00

2(a)(2) Of the students who bring lunch from home, how many bring packaged food?

0.00

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	2	250	10
Packaged/Bottled Energy Drinks	0	0	0

No documents uploaded by the school.

Does your school serve traditional Indian snacks?

Yes

4(a) Please provide the details:

	Number of plates sold when on the menu
Samosas	100
Idli/vada and sambhar	250
Pav bhaji	110
Momos	150
Others	0

Give descriptions for rare local snacks served in your school:?

MOMO, PITHA

Does your school serve traditional Indian beverages?

Yes

5(a) Details are as follows:

	Number of servings sold when on the menu
Nimboo pani	250
Sweet lassi	200
Salted butter milk	0
Aam Panna	0
Others	0

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?

No

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

No

Supporting Documents

1. canteen1.jpg



Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	MR RAJIV KUMAR JHA	jhasir_kv@rediffmail.com
2.	MR P DAS	kvcrpf@gmail.com
3.	MR ATHOKPAM BINOY SINGH	SINGDADA28@GMAIL.COM

Administrative staff

Sno.	Name	Email
1.	MR R I BARLASKAR	kvcrpf@gmail.com
2.	MR S ROY	kvcrpf@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	PANKAJ	kvcrpf@gmail.com	10
2.	JINTU	kvcrpf@gmail.com	10
3.	RISHAV	kvcrpf@gmail.com	10
4.	SUBHRADEEP	kvcrpf@gmail.com	12
5.	RINKU ISLAM	kvcrpf@gmail.com	10
6.	RAHUL ISLAM	kvcrpf@gmail.com	10
7.	DAVID	kvcrpf@gmail.com	11
8.	ANUJ	kvcrpf@gmail.com	11
9.	ABHIJIT	kvcrpf@gmail.com	10

Task 2: Measure the four critical areas of your school campus

Complete the table:

	Your school's area
Site area in square meter (m2)	28,409
Ground coverage area	3,820
Green landscaped area on-ground	11,633

Surface parking area	450
Play area that is paved/ concrete on ground	2,560
Play area that has grass on ground	7,590
Service Area on ground	30
Roof and terrace area	100
Green cover on exposed roof & terrace	0
Total built up/constructed area	5,024
Total no. of floors	3
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	40	75	115
Animals	14	2	16

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. green cover.jpg
- 2. landscape.jpg
- 3. landscape1.jpg
- 4. construction plan.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	MR P DAS	kvcrpf@gmail.com
2.	MR R K JHA	jhasir_kv@rediffmail.com
3.	MR TRIPATHI	Rajneesh.tripathi11@gmail.com

Administrative staff

Sno.	Name	Email
1.	MR R I BARLASKAR	kvcrpf@gmail.com
2.	MR P SARMAH	kvcrpf@gmail.com
3.	MR ALI	kvcrpf@gmail.com
4.	MR TALUKDAR	kvcrpf@gmail.com
5.	MR B DAS	kvcrpf@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	RAHIK	kvcrpf@gmail.com	10
2.	AFRID	kvcrpf@gmail.com	10
3.	NIKHIL	kvcrpf@gmail.com	10
4.	MICHAL	kvcrpf@gmail.com	10
5.	KARTIK SARMAH	kvcrpf@gmail.com	10
6.	NILOY	kvcrpf@gmail.com	10
7.	SHAMIM	kvcrpf@gmail.com	10
8.	SIDDARTH	kvcrpf@gmail.com	9
9.	HIMANSHU	kvcrpf@gmail.com	9
10.	BISHAL	kvcrpf@gmail.com	9

Task 2: How much water does your school use?

1

Calculate your school's water consumption, per activity.

Drinking	3000
Toilet flushing	6000
Personal cleaning	3000
Washing clothes	0
Cooking	0
Cleaning Utensils	1000
Washing Vegetables	0
Mopping floors	2000
Gardening	5000
Total	20000

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

Who supplies the water in your school?

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

7-12 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?	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?	Yes
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?	No
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?

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

No

6(a) Calculate your school's rainwater harvesting potential (in litres).
500

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?

0

How many hand pumps do you have?

0

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

35

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

	Girls	Boys	Common	Total
Number of toilets	13	13	0	26

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

35

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

9

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

No

ls the water supply sufficient?

Yes

Are the toilets cleaned?

Yes

16(a) If yes, please specify

Once 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

Wastewater flows directly to the drains

No documents uploaded by the school.



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	PAWAN KR JANGIR	pawanjangir1988@gmail.com
2.	AVINASH KUMAR	k.avinash.cie@gmail.com
3.	K K MISHRA	krishnkamlesh@gmail.com

Administrative staff

Sno.	Name	Email
1.	MR BARLASKAR	kvcrpf@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	ADITYA	kvcrpf@gmail.com	9
2.	GEETANJALI	kvcrpf@gmail.com	10
3.	ASHMITA	kvcrpf@gmail.com	10
4.	ANIRBAN	kvcrpf@gmail.com	10

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	38	0	30	8	0

Playgrounds	5	0	3	2	0
Common area (e.g. reception, corridors)	5	0	4	1	0
Staffroom	3	0	2	1	0
Laboratory	7	0	4	3	0
Canteen	4	0	3	1	0
Clinic/ Sick room	2	0	1	1	0
Library	2	0	1	1	0
Toilets	10	0	6	4	0
Others	0	0	0	0	0
Total	76	0	54	22	0

1. dustbin.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	50
Kitchen waste	100
Paper	10
Plastic	5
Wood, glass, metal, classroom furniture	20
E-waste	10
Biomedical waste	0
Sanitary waste	5
Construction and Demolition (C & D) waste	60

Hazardous waste	0
Total Generated Solid Waste (in kilogram)	260

- 1. solid waste.jpg
- 2. audit team.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	0
Kitchen waste	40
Paper	4
Plastic	0
Wood, glass, metal, classroom furniture	5
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total (in kilogram)	49

Does your school have a composting facility?

Yes

1. pit.jpg

What is the methodology used?

Natural composting without added microbes

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

20.00

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)	×	×	✓	×

1. PAPER WASTE.jpg

Task 5: How does your school dispose waste?

What is the final destination for waste that is disposed of externally?

Designated dumping site (Dhalao)

Supporting Documents

1. solid waste.jpg

Does your school burn waste?

Yes

Supporting Documents

1. waste.jpg

9a Where does your school burn waste?

Inside the school

What kind of waste is being burnt/ incinerated?

Paper

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	1	1	0
Refrigerators and freezers	1	1	0
Washing machines	0	0	0
Air conditioners	9	9	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)	197	141	56
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	15	11	4
Copying equipment (Photocopiers)	6	5	1
Projectors	11	11	0
Whiteboards	22	20	2
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	13	9	4
Fax machines	1	1	0
Telex	0	0	0
Telephones	11	11	0
Pay telephones	0	0	0
Mobiles	1	1	0
Answering systems	0	0	0

- 1. working electronics.jpg
- 2. not working electronics.jpg

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?

Yes

Policy document

13

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

Yes

Supporting Documents

- 1. drama.JPG
- 2. art competition.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. audit team.jpg
- 2. AUDIT TEAM 2.jpg
- 3. AUDIT TEAM 3.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?

No

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?

AWARENESS, MOTIVATION, ORIENTATION WORKSHOP, VISITS, ETC

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	Average

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

No

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?

Never

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

38.00

Checklist of uploaded documents

1. Fuel Bills

13(a)

- 2. Electricity Bill
- 3. Picture of 5 star appliances used by school
- 4. Photographs of lunch boxes
- 5. Traditional food items sold in canteen
- 6. Pictures of Green Cover
- 7. Pictures of landscaped area
- 8. Building construction plan
- 9. Pictures of dustbins in classroom showing segregation at source

How many students were involved in the activities?

- 10. Pictures of playground with more than two dustbins
- 11. Picture of types of solid waste generated
- 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 burning waste
- 15. Pictures of Electronic items used by school and storage of non-working electronic items
- 16. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
- 17. Pictures of respective audit teams doing survey