

DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,

AURANGABAD - 431 004

Department of Environmental Science

NAAC - Accredited "A" Grade



Dr. Satish S. Patil

Sr. Professor

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Date: .05.24

**Environment-cum-Green Audit- Energy Audit  
Institutional Data**

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**Name of College:** Jeevandeep Shaikshanik Sanstha, poi's Arts, Commerce & Science College, Khardi.

**Addresses:** Jeevandeep Shaikshanik Sanstha, poi's Arts, Commerce & Science College, Khardi, at Post Khardi, Tal.- Shahapur, Dist. Thane 421601

**Mobile No:** 8669244522

**Email ID:** jeevandeepkhardi@gmail.com

**Name of coordinators:** Asst. Prof. Vishal S. Bhosale

**Mobile No:** 9920339256

**Date commenced:**

**Date completed:**

11

Note: Put ✓ mark in appropriate box

Total strength of student and teachers in college? (Approximately)

Sr. No.	Name of the Program	Number of students	Number of Teachers
1	Graduation	2158	30
2	Post Graduation	388	10
3	Librarian	-	01
	Total	2546	

Which of the following are available in your college?

Sr. No.	Item	Yes/ No	If yes, Number(s)
1	Garden area with Lawn	Yes	1
2	Play Ground	Yes	1
3	Kitchen	Yes	1
4	Toilets (number)	Yes	15
5	Garbage dumps (number)	Yes	1
6	Laboratory	Yes	1
7	Canteen	Yes	1
8	Other (specify)		

The environmental disturbances found near College.

Mark the level of disturbance that creates for the College in a scale of 1 to 9

- |                                  |    |
|----------------------------------|----|
| 1) Municipal dump yard           | No |
| 2) Garbage head                  | No |
| 3) Public convenience            | No |
| 4) Sewer line                    | No |
| 5) Stagnant water                | No |
| 6) Open drainage ( River)        | No |
| 7) Industry - ( Sugar Industry ) | No |

*Signature*

- |   |     |
|---|-----|
| 8) Bus / Railway Station/Bus Stop           | Yes |
| 9) Market / Shopping complex / Public halls | No  |

### I – WASTE

- 1) The waste generated by the / in the College

If so, what are they?

Garden waste: Yes

Papers, box: Yes

Canteen food waste: Yes

Plastic:- No

- 2) Approximate amount of waste generated per day?  
(In Kilograms) (Approx) 1 KG To 1.5 KG



Approx	Bio degradable	Non-Bio degradable	Hazardous	Others
<1kg.	✓	✓	✓	✓
2- 10 kg.				
>10 kg.				

3) The methodology adopted for waste management

- 1) Composting Yes
- 2) Recycling Yes
- 3) Reusing Yes
- 4) Liquid waste Management Yes
- 5) Biological Hazardous waste No

4) Number of boxes/dust-bins to execute starts a waste segregation and recycling Campaign. \_\_\_\_ 16 \_\_\_\_ Nos.

5) Use of recycled paper in College? Yes

6) Efforts taken by institute to spread the message of recycling in the community? (Provide list of initiatives)

Year	Title of the Program
2022-23	Swachh Bharat Abhiyan, Tree plant donation
2023-24	Plastic Free Campus, Tree Plantation

7) Existence/initiative for Zero garbage mechanism. Yes

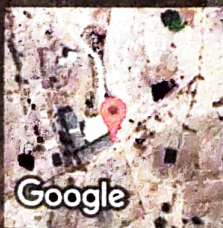
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प्रत्येकाचा एकच नाश  
पाण्याची कटकर कर

GPS Map Camera



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# AVOID PLASTIC BAGS



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**Save Birds,  
Save  
Environment**



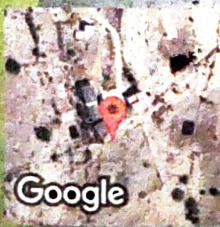
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# Trees are Our Lungs



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**Trees are  
Our Lungs**



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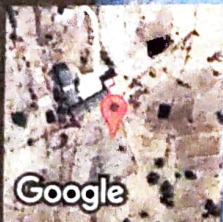
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# Save Nature

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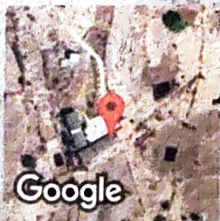


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# **Clean Campus Green Campus**



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## II \_ GREENING THE CAMPUS

8) Is there a garden in your College Yes

Do student spend time in the garden? Yes

List the plants with approx. numbers of each species.

1) Mango trees 7

2) Show trees 40 plus

3) Jackfruit 4

4) Guava 2

9) Planning of plantation on campus. (Trees, vegetables, herbs, etc.) Provide list.

10) List the species planted by the students, with numbers.

1. Coconut plants 1 . Arica Palm 4. Salvia 5. Thuja 6. Spider plant 8. Money plant

9. Tulshi plant 10. Turmeric plant







### III - ENERGY

11) List ten ways that institute use energy.

- 1) Light & fans
- 2) Heating, Refrigerator on & Air conditioning system
- 3) Internet & computer
- 4) Practical equipment's
- 5) Pumping

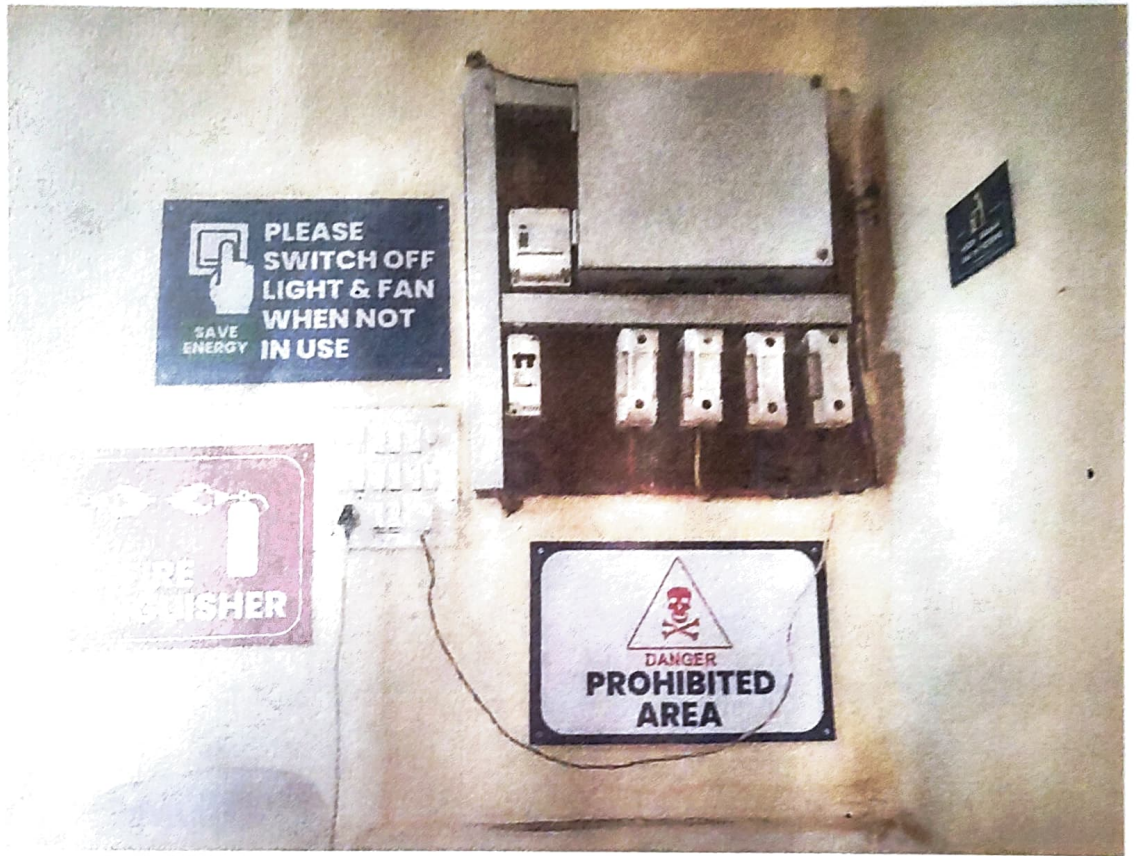
(Electricity, Diesel Generators).

Using this list, try to think of ways that you could use less energy every day.

Sr. No	Energy	Reduction of usage
1	Electricity	
2	Generator	
3	LED Tubes	

8/1





5/1





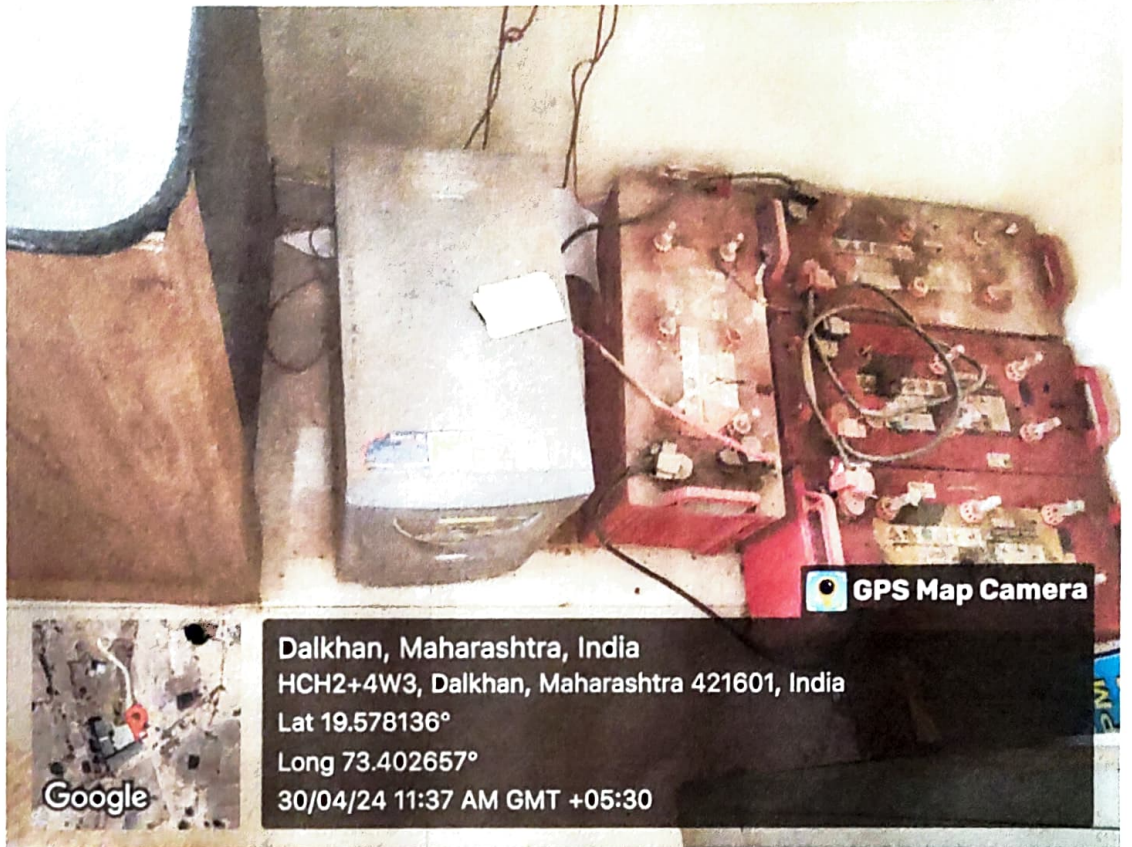
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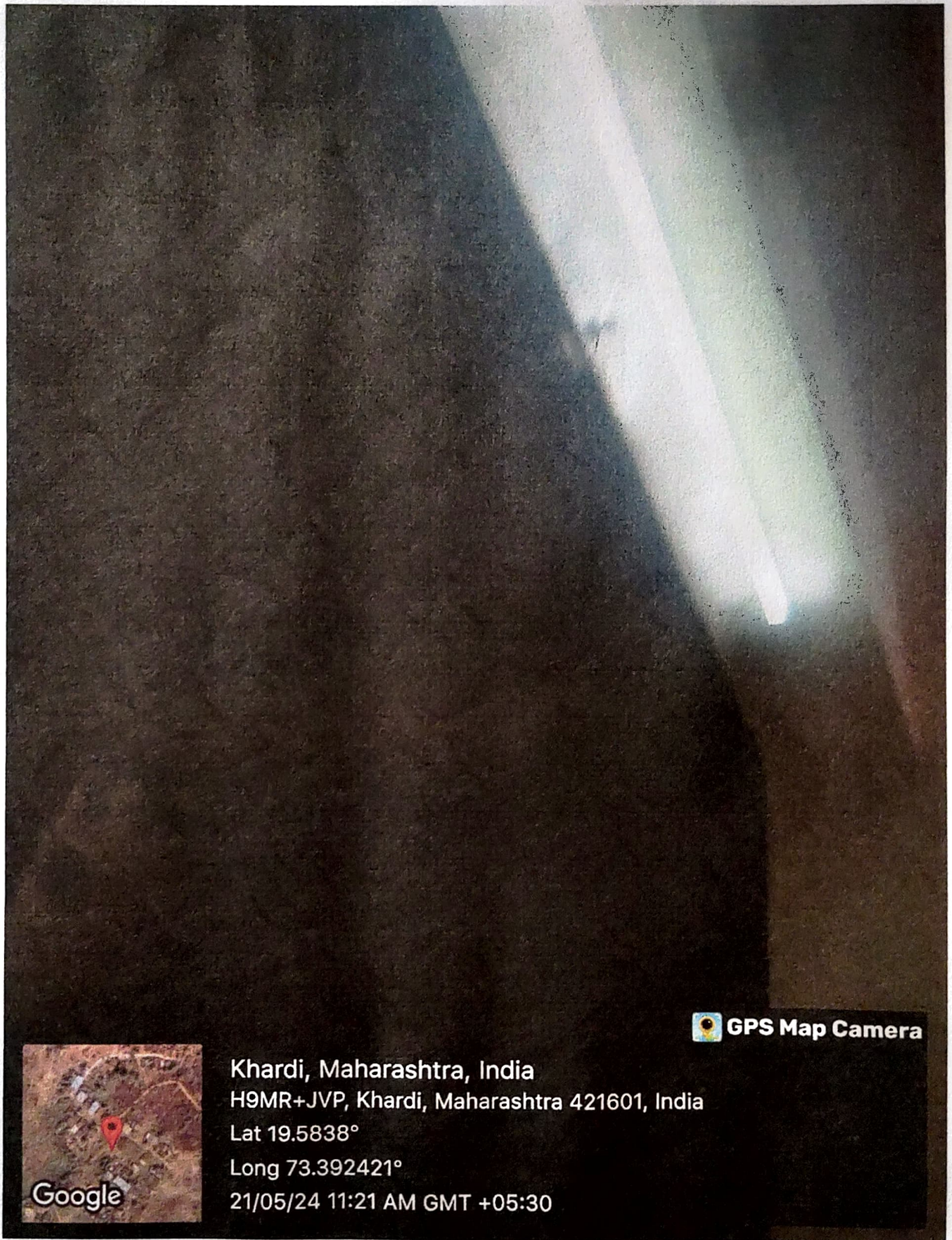
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MFGQ+VX, Kasara Khu., Maharashtra 421602, India  
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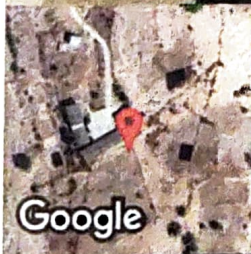


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12) Are there energy saving methods employed in your College?

If yes. Please specify.

Solar Water heaters are used in hostel: No

Optimum use of electrical equipment's: Yes

LCD monitors are used in computer labs: Yes

13) How much money does your College spend on energy such as electricity, gas, firewood, etc. in a month? Record it.

Monthly Record for last six months.

**Year 2022-23**

Month	Electricity cost	LPG Consumption	Fuel for Generator
OCT	7753		
NOV	7800		
DEC	7890	1850	
JAN	7530		
FEB	7753		
MAR	8000	1850	

14) Alternative energy sources employed / installed in your College? Yes

(Photovoltaic cells for solar energy, energy efficient stoves, etc.) Specify.-LED lights

15) Practice/mandate of "switch off" drills. Yes

16) Computers and other equipment's put-on power saving mode? Yes

17) Machinery (TV, AC, Computer, weighing balance, Printers, etc.) Run on standby modes most of the time?

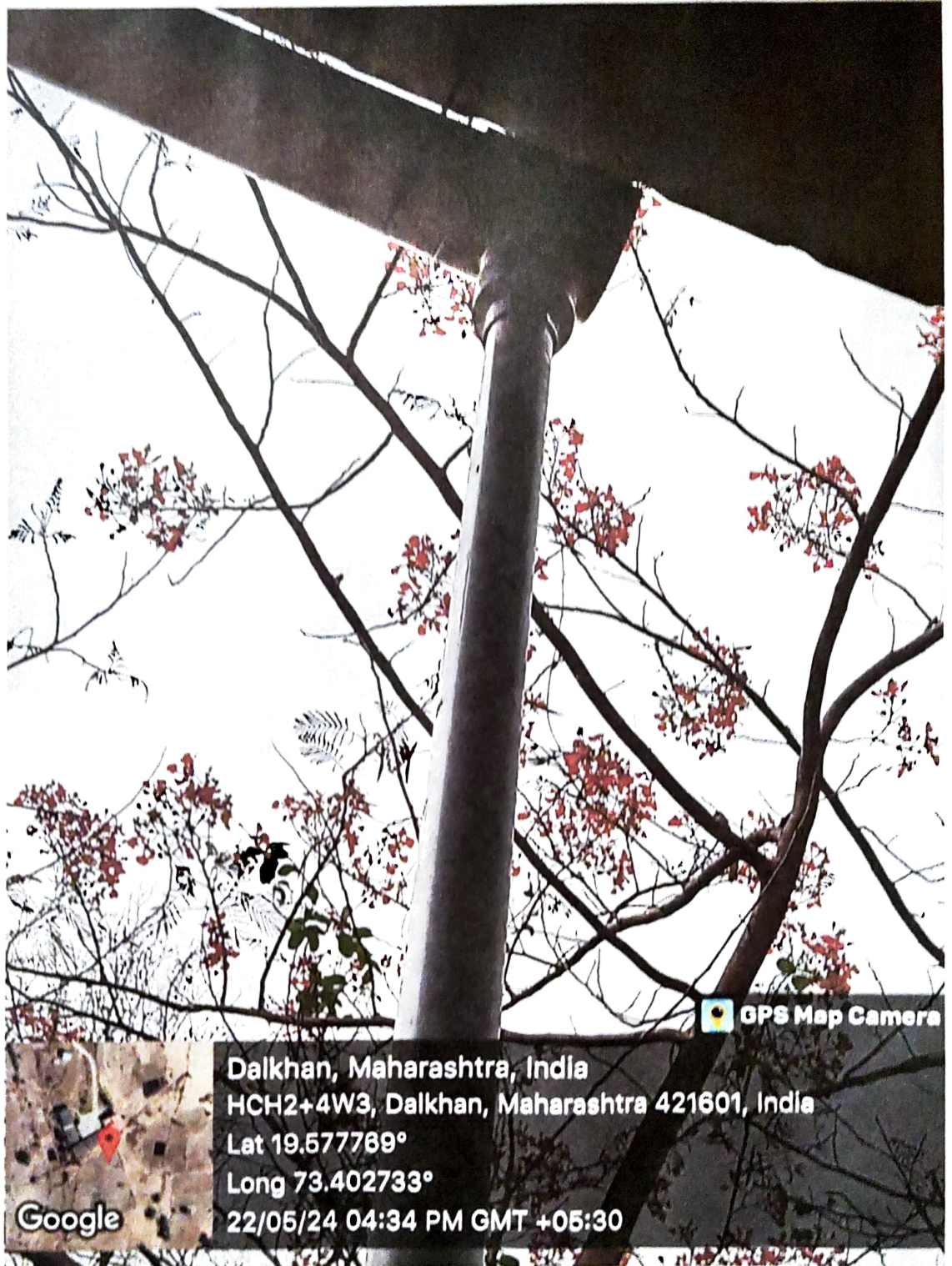
If yes, how many hours? Yes \_\_\_ 05 \_\_\_ Hours

#### IV \_ WATER CONSERVATION

- 18) List four uses of water in your College
- 1) Drinking
  - 2) Washrooms
  - 3) Laboratories
  - 4) Gardening
  - 5) Cleaning
- 19) Water storage facilities in the institute. Are there any water Saving Techniques followed in your College? Yes
- Ground water Tank - \_\_\_\_24000\_\_\_\_litter
- Overhead Tank - \_\_\_\_\_litter
- 20) Observation of water wastage. Yes
- How the wastage is prevented / stopped?
- By Monitoring and Maintenance
- 21) Locate the point of entry of water and point of exit of waste Water in your College.
- Entry - Tube well as well as tank
- Exit -Sewage line
- ❖ Where does your water come from? (source)- Tube well
  - ❖ Where does the waste water go? Drainage from main gate- Septic tank
- 22) Four ways that could reduce the amount of water used in your Institute.
- 1) Tap
  - 2) Flush
  - 3) Water Purifier
  - 4) Water sprinkler for gardening
- 23) Does your Institution harvest rain water? Yes
- If yes, how many rain water harvesting units are there? 1







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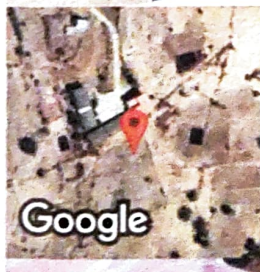
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Year	Title Of The Prosramme
Every year	No Smoking Zone
Every year	Plastic free campus
Every year	Restricted entry for automobiles

#### V \_ANIMAL WELFARE

- 24) List the animals (wild and domestic) found on the campus  
(Dogs, cats, squirrels, birds, insects, etc.)  
Dogs - yes  
Cats - yes  
Squirrel - yes  
Horse - No  
Goat - No
- 25) Number of dogs in your area have undergone Animal BirthControl anti-Rabbis (ABC AR)? NA
- 26) Animal welfare organization nearest to yourCollege? Yes/No  
Does it have an ambulance service? Yes/No
- 27) Incidence of animals getting wounded I lff."..a due to unfavourable conditions existing in your college on nearby (like a dog getting wounded, poisoning of animals, impropet caging of animals, hunting of animals, etc.) No  
What did you / yourcollege / neighbour do? NO

*[Handwritten signature]*

## VI \_ GENERAL

28) Are you aware of any management? Yes environment Laws pertaining to different aspects of environmental management? Yes

29) Does your college have any rules to protect the environment? Yes, No  
List possible rules you could include.

30) Fire Fighting System Status of Maintenance well maintained : Yes



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