



1974-2024  
Golden Jubilee Year

# M KRISHNA LAW COLLEGE, HASSAN.

(Under the Auspices of the Malnad Technical Education Society (R), Hassan.)  
(Affiliated to the Karnataka State Law University, Hubballi)  
Accredited by the NAAC with B+ Grade.

Salagame Road, Behind All India Radio, HASSAN - 573 202, (Karnataka)

Phone : (O) : 08172-245406, Fax (P) : 08172-245414

e-mail : principalmklchn@yahoo.co.in

Website : www.mkrishnalawcollege.com

Ref. No. : MKLC

Date : .....

## Criterion - 7

### 7.1 - Institutional values and Best Practices

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution  
and

Any awards received for such green campus initiatives:

### Green Audit Report

The following documents are being attached here with-

Sl. No.	Documents	Page No.
1.	Global Eco Tech Solutions certificate	1
2.	Environmental Audit	2-14
3.	Energy Audit	15-24
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5.	Authorisation Letter	42
6.	Photo Gallery	43-47



  
Principal  
M KRISHNA LAW COLLEGE  
HASSAN



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भारत सरकार  
 Government of India  
 सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय  
 Ministry of Micro, Small and Medium Enterprises



## UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER

UDYAM-KR-04-0058972

NAME OF ENTERPRISE

GLOBAL ECO TECH SOLUTIONS

TYPE OF ENTERPRISE \*

S.No.	Classification Year	Enterprise Type	Classification Date
1	2023-24	Micro	09/05/2023
2	2023-24	Micro	03/02/2023

MAJOR ACTIVITY

SERVICES

SOCIAL CATEGORY OF ENTREPRENEUR

GENERAL

NAME OF UNIT(S)

S.No.	Name of Unit(s)
1	Global Eco Tech Solutions

OFFICAL ADDRESS OF ENTERPRISE

Flat/Door/Block No.	plot no 2309	Name of Premises/ Building	plot no 2309
Village/Town	Belgaum	Block	Mahantesh nagar
Road/Street/Lane	1st cross	City	Belgaum
State	KARNATAKA	District	BELGAUMI, Pin 590016
Mobile	9902426248	Email	beecebe01@gmail.com

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE

01/01/2023

DATE OF COMMENCEMENT OF PRODUCTION BUSINESS

NATIONAL INDUSTRY CLASSIFICATION CODE(S)

S.No.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity
1	74 - Other professional, scientific and technical activities	7490 - Other professional, scientific and technical activities n.e.c.	74909 - Other professional, scientific and technical activities n.e.c.	Services

DATE OF UDYAM REGISTRATION

03/02/2023

\* In case of graduation (upward/reverse) of status of an enterprise, the benefit of the Government Schemes will be availed as per the provisions of Notification No. S.O. 2119(E) dated 26.06.2020 issued by the M/o MSME.

Disclaimer: This is computer generated statement, no signature required. Printed from <https://udyamregistration.gov.in> & Date of printing:- 13/09/2023

For any assistance, you may contact:

1. District Industries Centre: BELGAUM (KARNATAKA)

2. MSME-DFO: HUBLI (KARNATAKA)

Visit : [www.msme.gov.in](http://www.msme.gov.in) ; [www.dcmsme.gov.in](http://www.dcmsme.gov.in) ; [www.champions.gov.in](http://www.champions.gov.in)



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 KRISHNA LAW COLLEGE  
 HASSAN

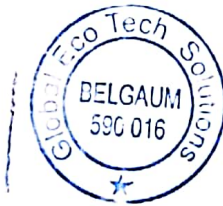


M.T. Society's

**M. Krishna Law College, HASAN**

**Dist :Hasan 573 202**

**GOLDEN JUBILEE YEAR , (1974 -2024)**



# **GREEN AUDIT REPORT 2024**



  
**PRINCIPAL  
M. KRISHNA LAW COLLEGE  
HASAN**





SOLUTIONS

# ENVIRONMENT AUDIT

## ENVIRONMENT AUDIT



Global Eco Tech and Solutions, # 2309, I - cross Mahantesh nagar  
Belgaum -16 Cell No : 9902428248



  
PRINCIPAL  
S. KRISHNA LAW COLLEGE  
HASSAN



UKAI GHV 23 169178



# 2311.1 - Cross MahanteshNagar, BELGAUM - 16  
e-mail: [beccube81@gmail.com](mailto:beccube81@gmail.com)  
Cell No. 99024 28248. Reg No. UD KR 04 658972

## ENVIRONMENT AUDIT REPORT

This is to certify that, *Our Audit Team* has visited Malanad Technical Society's M. Krishna Law College, **HASAN** Ta & Dist : Hasan 573 202 and undertook the "Environment Audit" of college campus.

**AIRVEDA Camera Techniques Beta Attenuation Method (BAM)** has been employed to check the air quality parameters in terms of Air Quality Index (AQI) and audible intensity measured by standard sensors of sound, in decibel Bell (dB).

- 1) Hasan is a prime location Western Sahyadri Ghat.
- 2) The average rain fall 1031 mm
- 3) The average temperature range is 16 to 33°C
- 4) The mean pressure range is 1009 to 1013 m bar
- 5) It is located in "Aw" class as per (Koppen Gieger) weather classification.
- 6) Air Quality Index with level is 17 (Good)
- 7) Primary pollutant is O<sub>3</sub> with level is 17, measures 40.46 µg m<sup>-3</sup>, within safer range as per MoEF
- 8) All other related pollution levels are within safer range
- 9) It seems that, the city is free from industrial harmful- gas effluents.

The details of Geographical, Environmental, Weather parameters with related charts and their importance are submitted to the college.

The college fits in all respects for academic developments

Technical staff

Convener

Environment Audit Team

Date : 30<sup>th</sup> Dec 2023

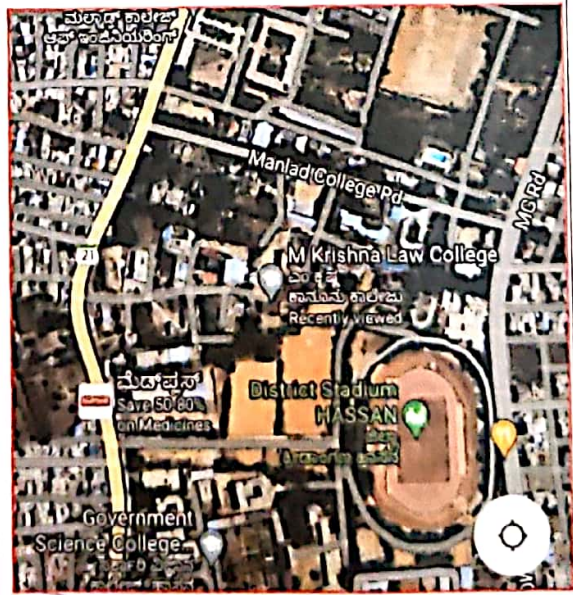
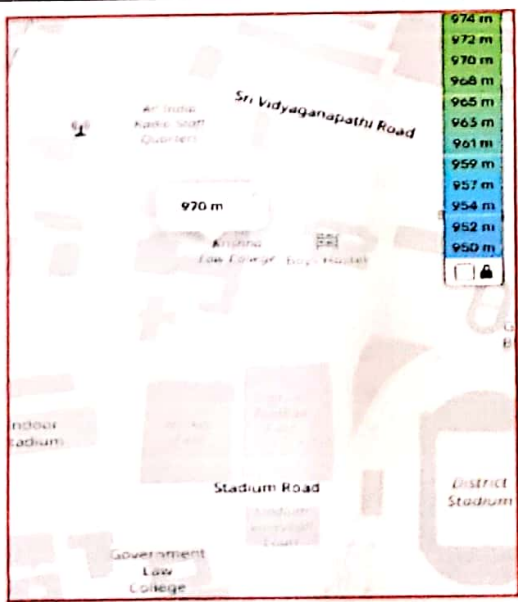
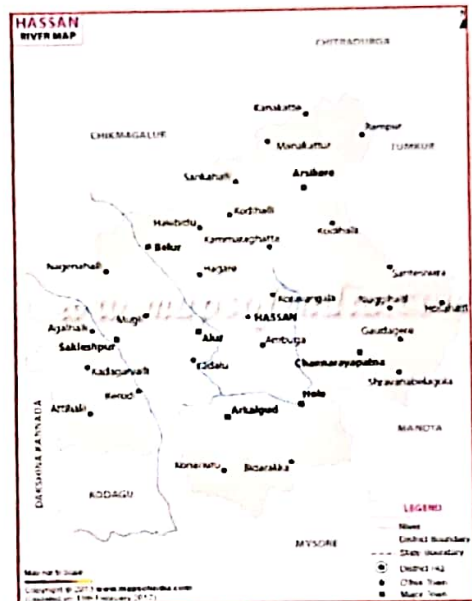
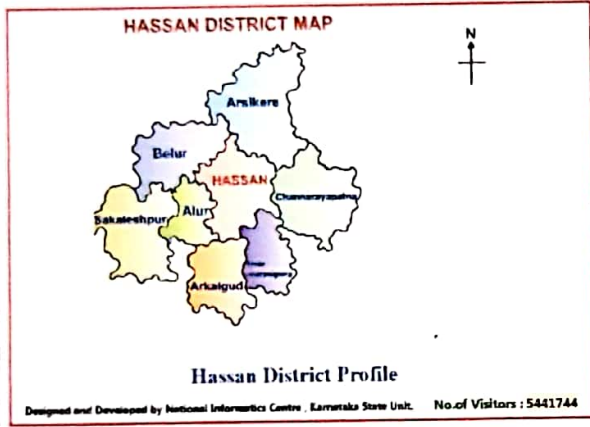
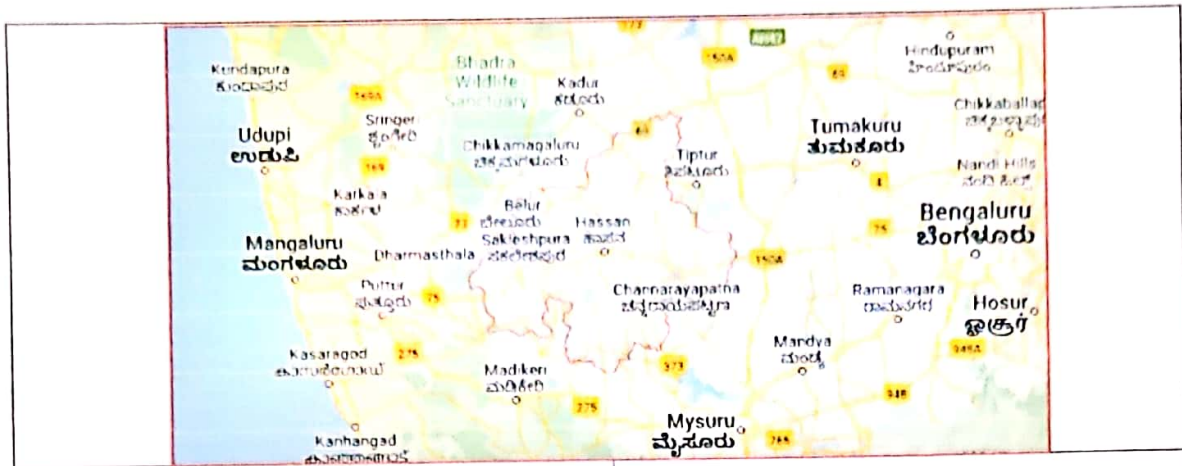
Place : Hasan



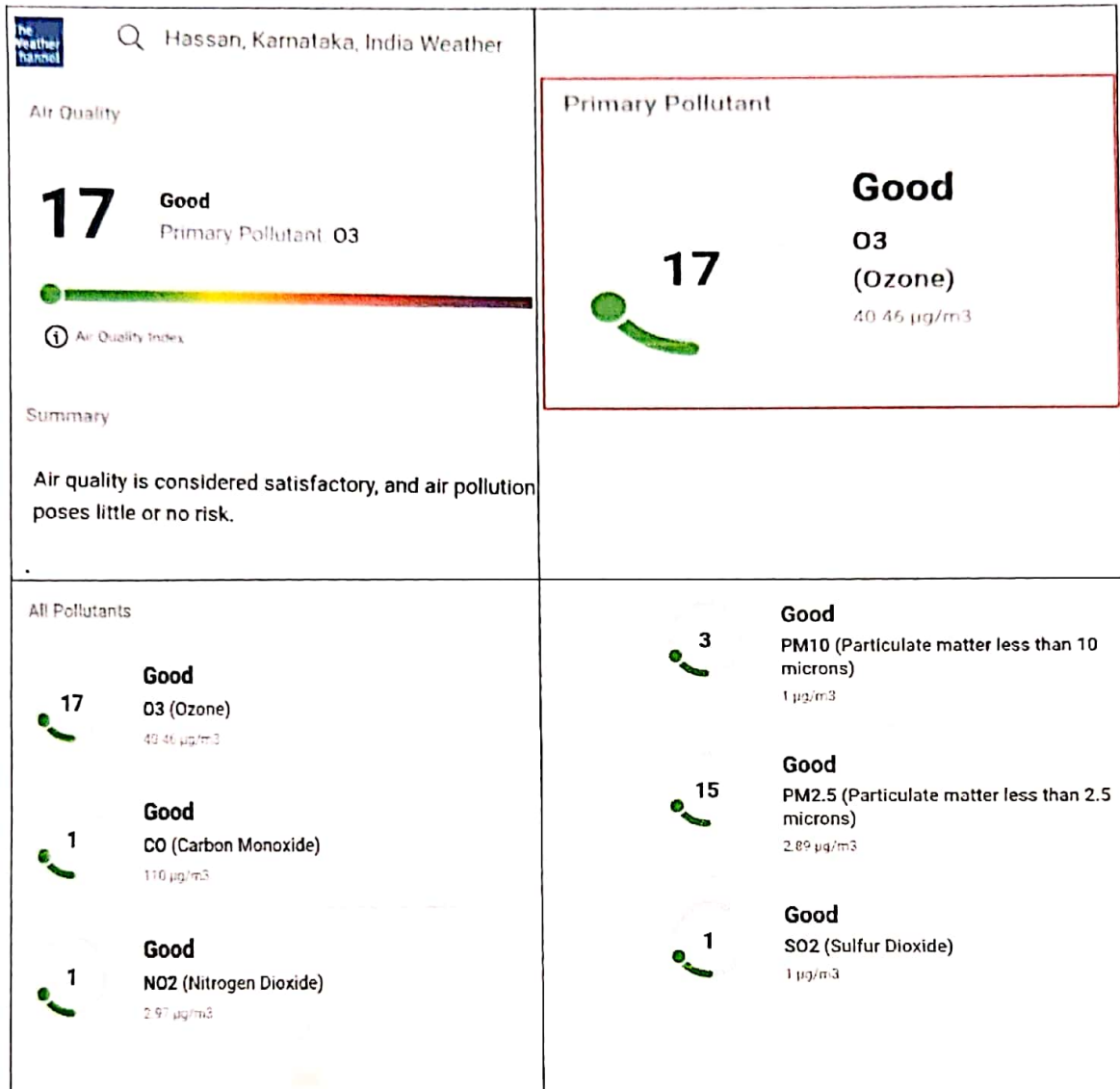
PRINCIPAL  
G. KRISHNA LAW COLLEGE  
HASSAN



# LOCATION DETAILS



## AQI, PRIMARY POLLUTANT AND OTHER POLLUTANT LEVELS





UKAI-GLHV-23-169178



# 2311, I - Cross Mahantesh Nagar. BELGAUM - 16  
e-mail : [beecube01@gmail.com](mailto:beecube01@gmail.com)  
Cell No : 99024 28248. Reg No : UD-KR-04-058972

## GEOGRAPHICAL PARAMETERS

1. Altitude from sea level : 970 (3182 ft)
2. Latitude : 13.020916 N.
3. Longitude: 76.102409 E.
4. Geographical location: Yagachi (Basin :Hemavati ) , Hemavati (Basin :Kaveri ) and Kaveri
5. Weather zone : *Koppen Gieger* – Aw Tropical savanna
6. Topo sheet : enclosed
7. Perennial water flow direction : NW-ES
8. Ridge points in Campus : No
9. Low Contour pole level : No
10. Slope of the land : 1:50
11. HASAN : Semi Agriculture//Industrial city .

## PHYSICAL PARAMETERS

12. Average Temperature : 16 to 33 Celsius.
13. Average rainfall: 500 to 1031 mm.
14. Peak rainy month : July-August
15. Snow fall : Nil
16. Gust / Wind speed: 10 to 35 km/h
17. Average pressure : 1009 to 1013 mb
18. Least pressure : June
19. Max pressure: January
20. UV Index : 5 to 8 normal
21. Average Humidity : 25 % to 75%
22. Least humid period : Jan to May
23. Ave Sun days :80 to 340 hours
24. Clear Visibility : up to 5-8 km





## SUSTANABLE POLLUTION LEVELS

25. AQI level : 17	Good	(Acceptable as per MoEF)
26. RPM : : 15	2.89 $\mu\text{g m}^{-3}$ Good	( 605 $\mu\text{g m}^{-3}$ as per MoEF.)
27. CO level: 1.00	110.00 $\mu\text{g m}^{-3}$ Good	( 250 $\mu\text{g m}^{-3}$ as per MoEF)
28. NO <sub>x</sub> level : 1.00	2.97 $\mu\text{g m}^{-3}$ Good	( 80 $\mu\text{g m}^{-3}$ as per MoEF)
29. O <sub>3</sub> level : 17.00	40.46 $\mu\text{g m}^{-3}$ Good	( 100 $\mu\text{g m}^{-3}$ as per MoEF)
30. SPM: 3.00	1.0 $\mu\text{g m}^{-3}$ Good	(100 $\mu\text{g m}^{-3}$ as per MoEF)
31. SO <sub>x</sub> level : 1.00	1.0 $\mu\text{g m}^{-3}$ Good	( 50 $\mu\text{g m}^{-3}$ as per MoEF.)
32. The pollution levels :	within the safe range	(as per MoEF standard)
33. dB level: around 45 to 50	Very Good	(as per the BIS standards).
34. The illumination level :	Appreciable	(as per BIS mark 3646 part I.)

## TYPE OF SOIL, PH, QUALITY OF WATER AND GREENARY

35. Type of soil : Yellowish Red loamy mix
36. PH of soil : 6.5 to 8.
37. Water quality : Tested. (Test report is enclosed)
38. Greenery in the campus : Appreciable

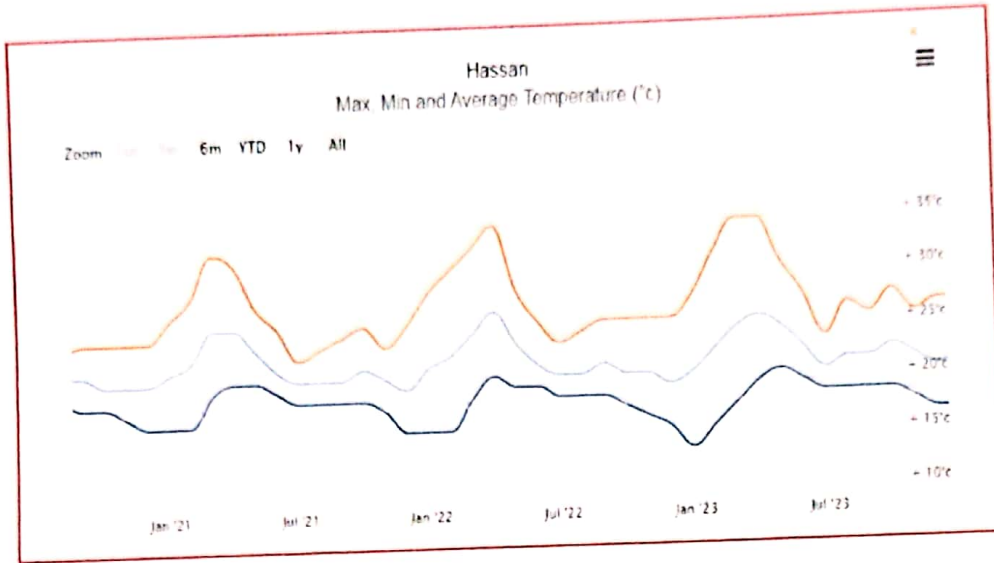
## MISCELLANEOUS

39. Max Hottest day 24<sup>th</sup> April 12.24 PM + 5.30 GMT
40. Max Humid day 18<sup>th</sup> Aug 12.30 PM + 5.30 GMT
41. Distance from Equator 1442 km
42. Distance from Tropic Cancer 1159 km
43. Electromagnetic Radiation < 40 $\mu\text{T}$  (safe as per the BIS standards).

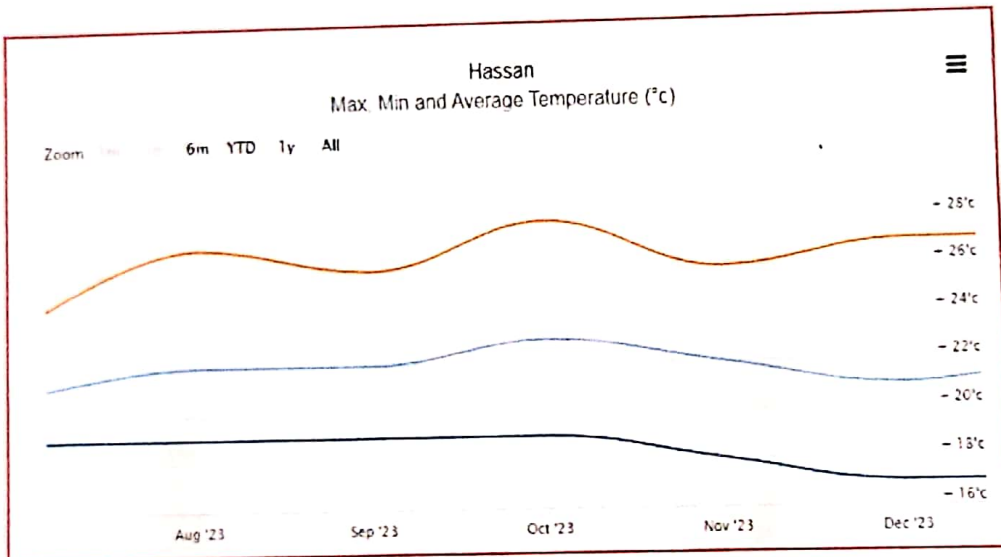


# GRAPHICAL REPRESENTATION OF NVIRONMENTAL PARAMETERS

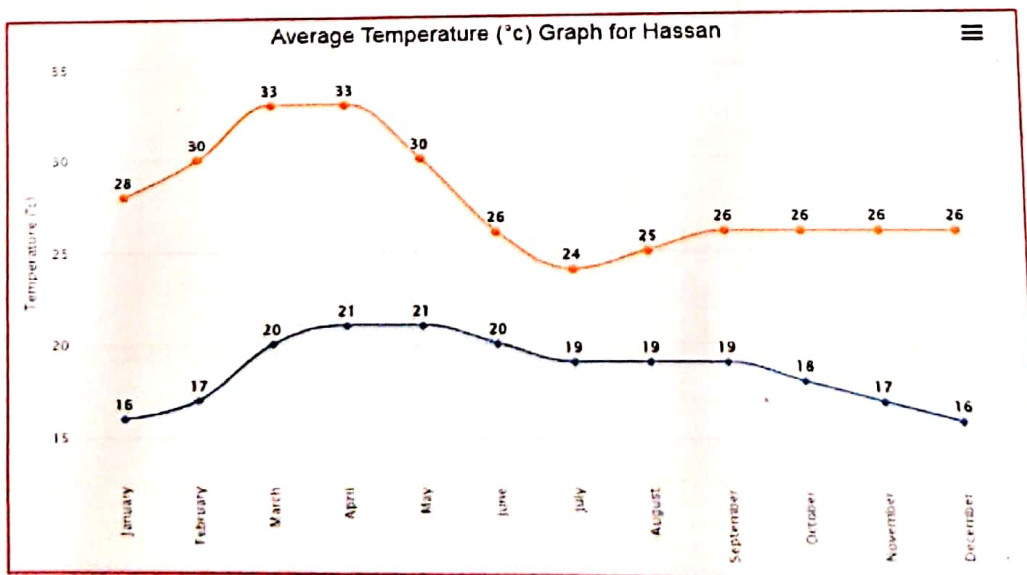
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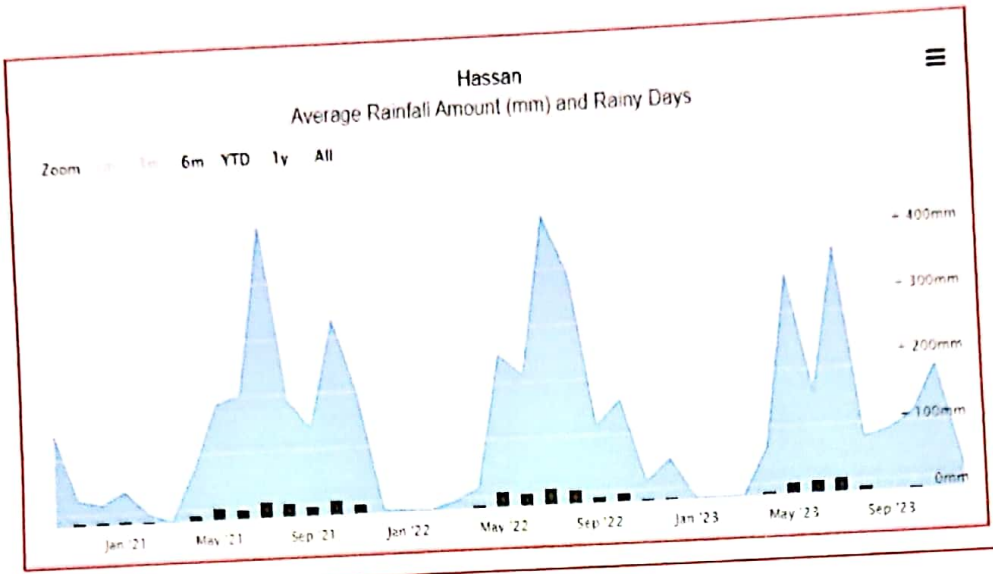
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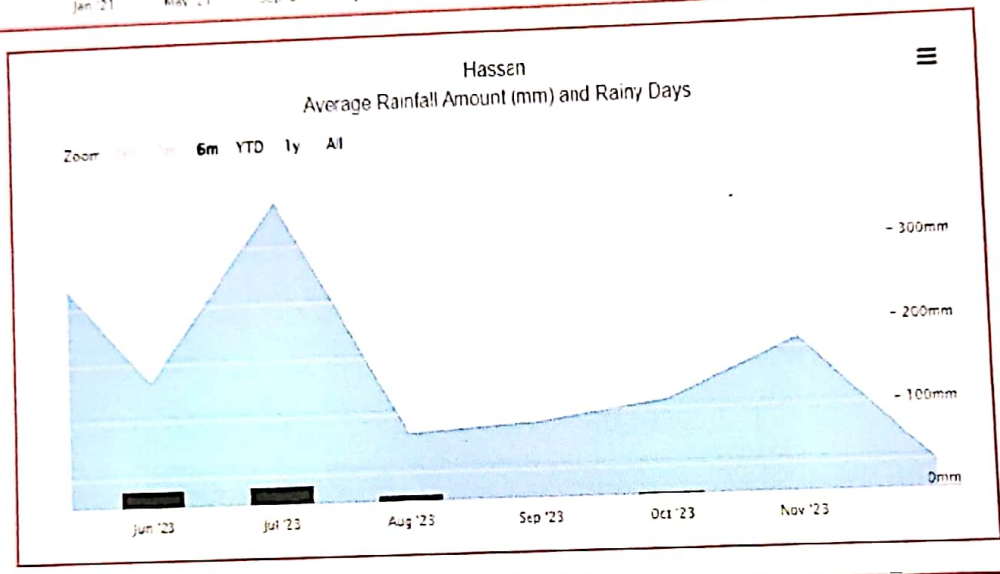
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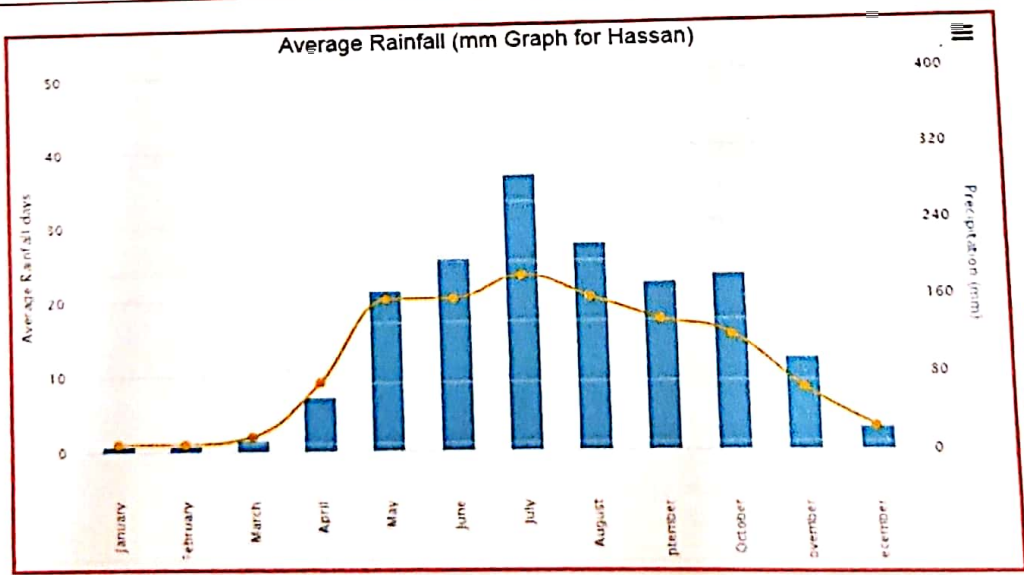
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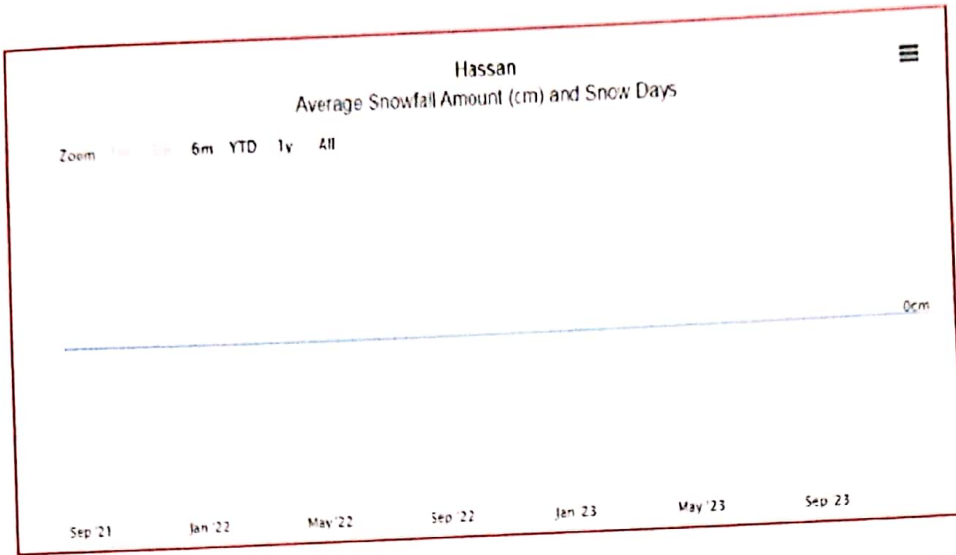


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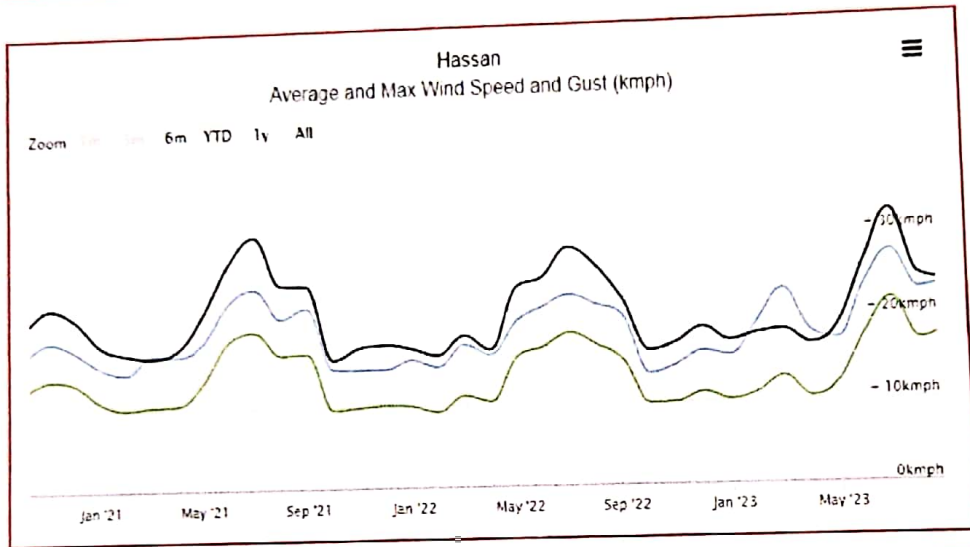


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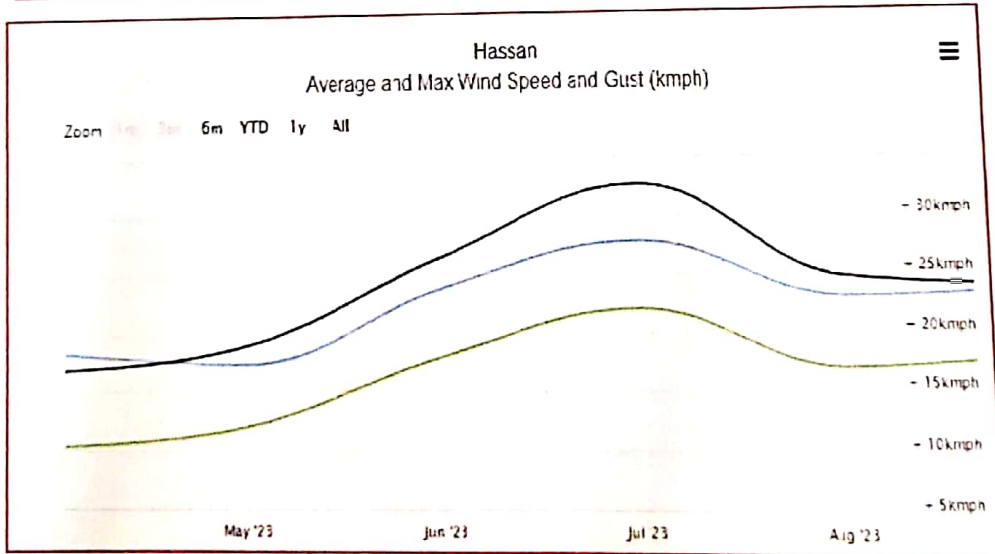




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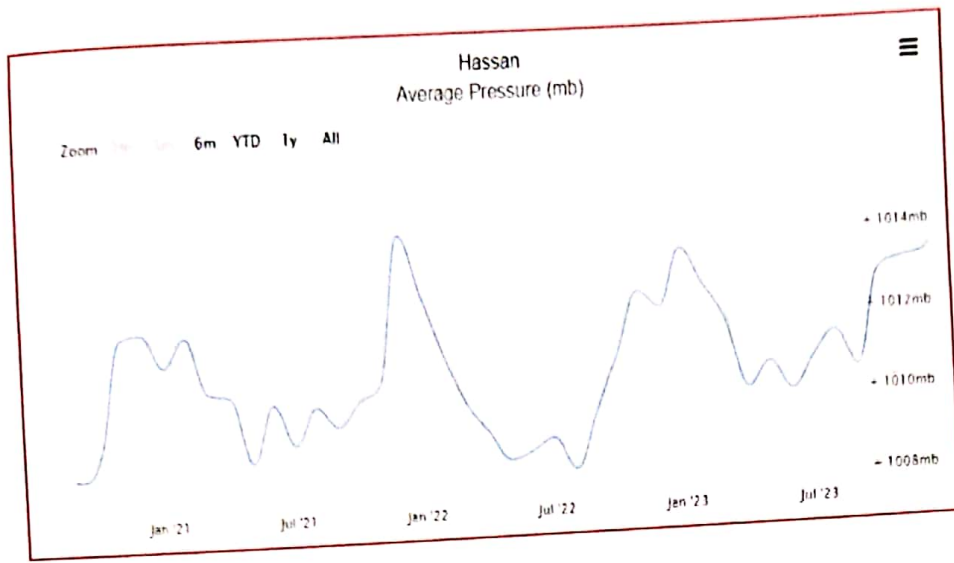


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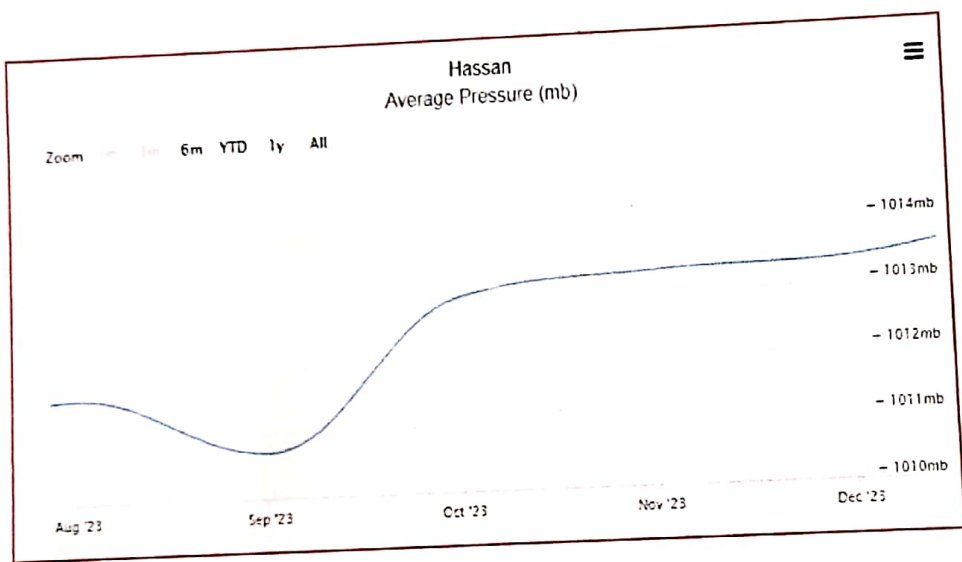


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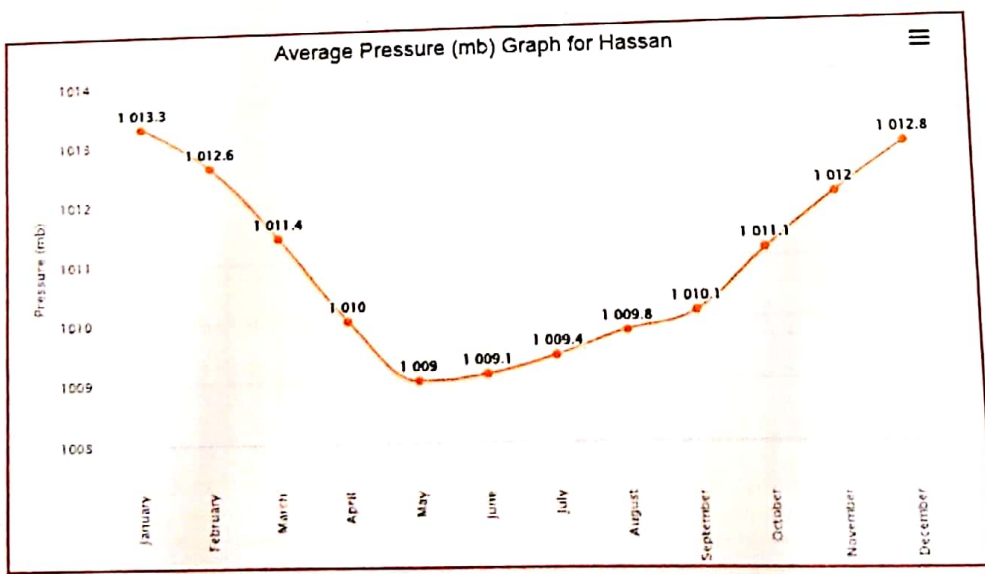




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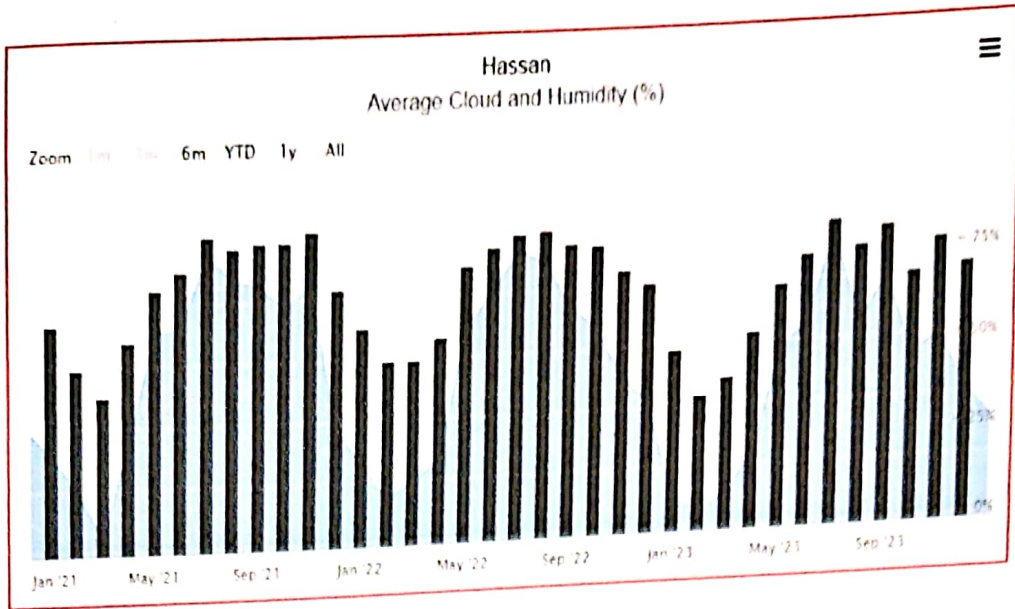


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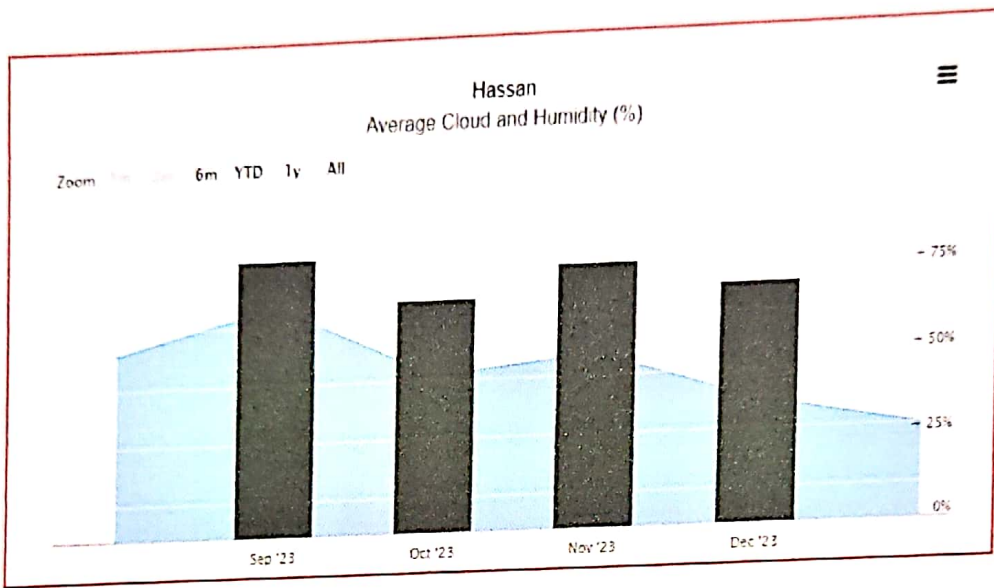


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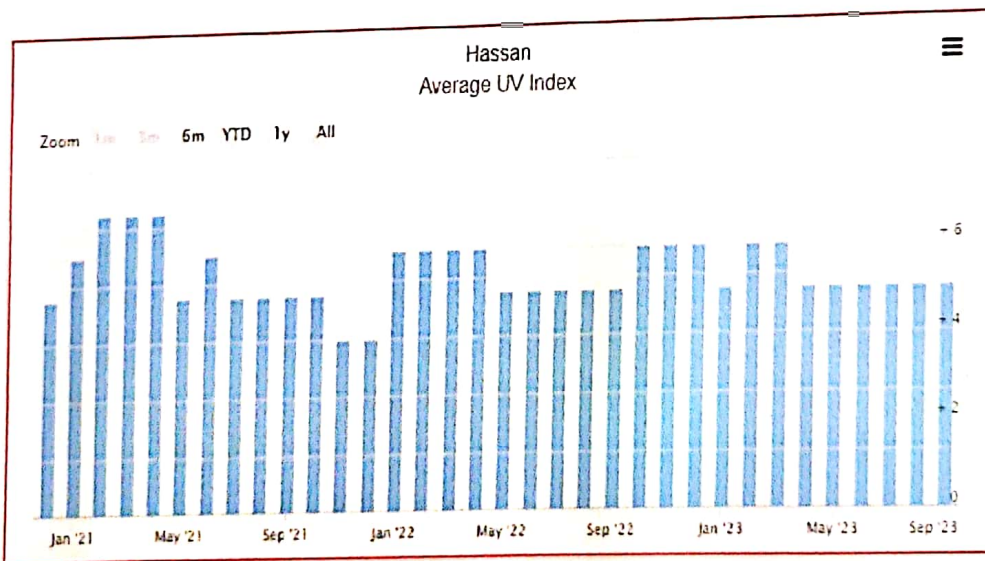




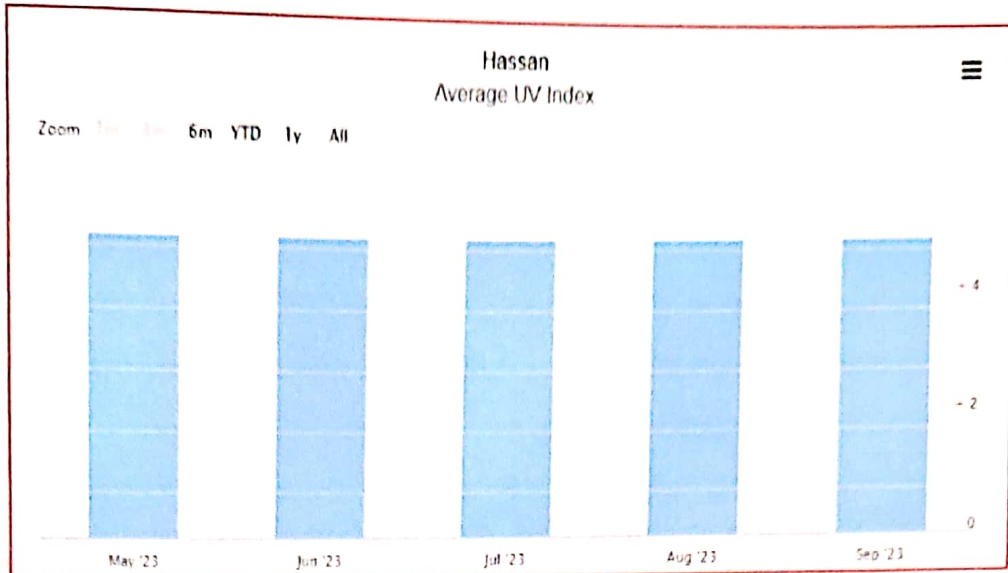
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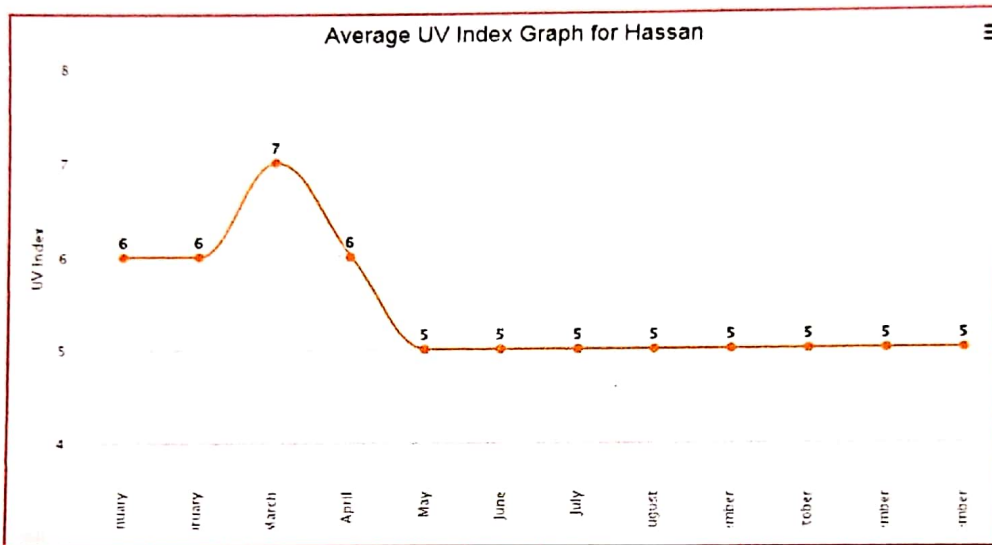
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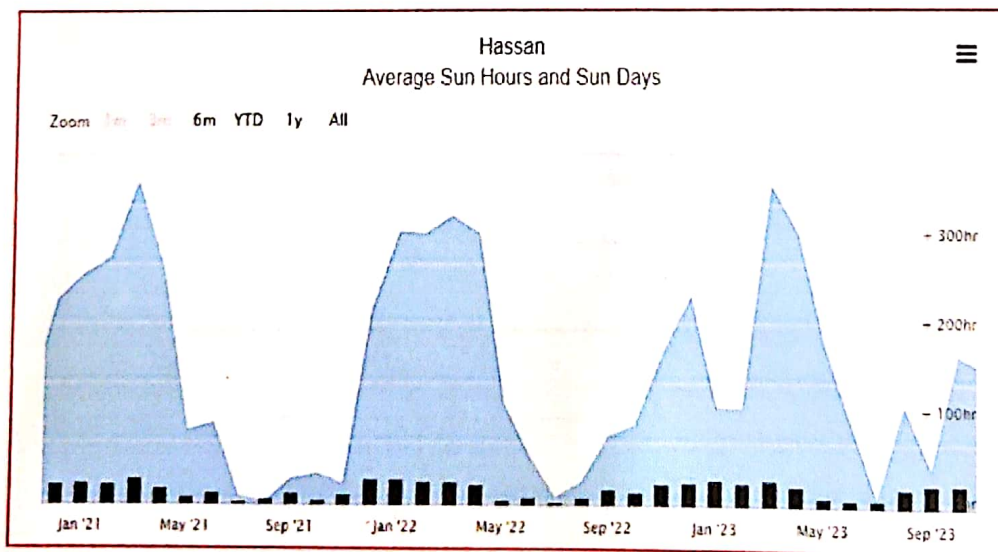
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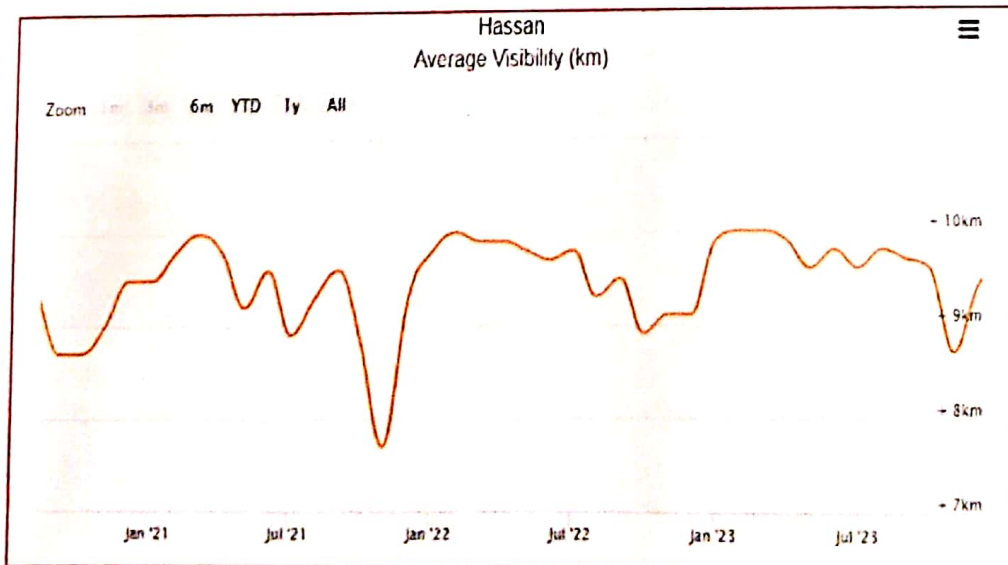
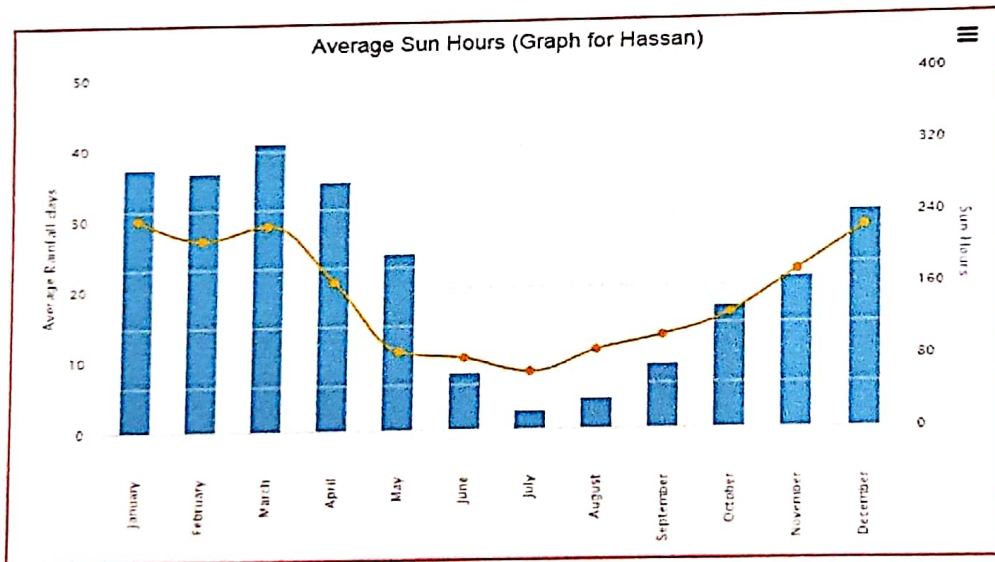
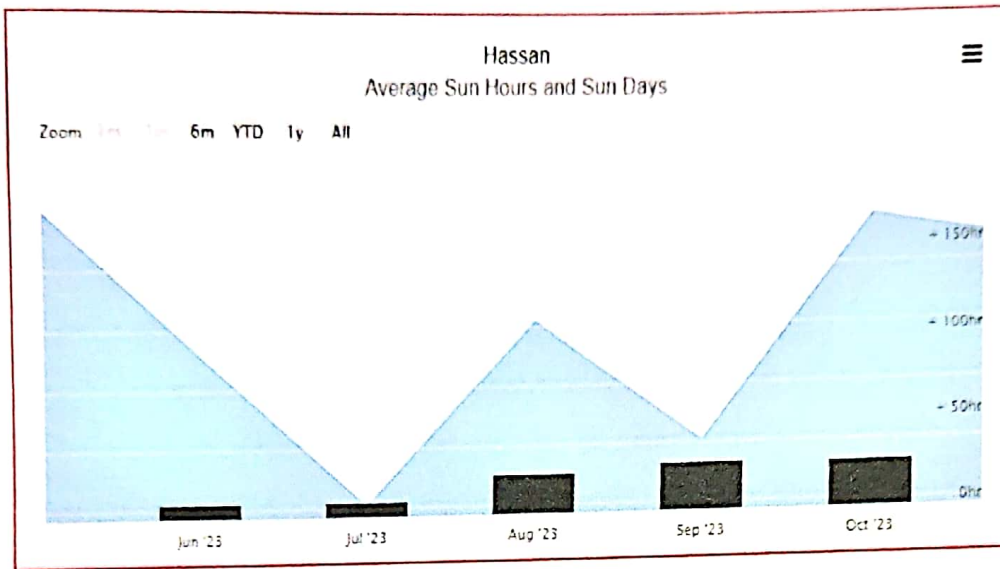


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18





*Signature*









UKAI GLHV 23 169178



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Technical staff

  
Convener  
Environment Audit Team

Date : 30<sup>th</sup> Dec 2023  
Place : Hasan



  
PRINCIPAL  
M. KRISHNA LAW COLLEGE  
HASAN



M T Society's  
**M. Krishna Law College , HASAN**  
**Dist :Hasan 573 201**

**POWER METER CONNECTION IN THE CAMPUS**

S.No	R.R.NO	Date of service	Max Load	Nature of Usage
1	6915522222	25/03/2002	10 kW	Edu Institute

**ELECTRIC AND ELECTRONIC APPLIANCES USED IN  
VARIOUS BUILDINGS CAMPUS**

S.No	Electric Appliances	No	Consumption Range in Wattage
1.	Fans	37	40-75
2.	Bulb	-	40-60
3.	LED	12	8-20
4.	CFL	38	20-40
5.	Fridge	1	300 - 400
6.	Computer	32	200 -250
7.	Printers	7	250 -280
8.	Scanner	4	12-25
9.	Xerox	4	20-75
10.	Generator -125 kVA	-	125+ kVA
11.	Bore well/s	1	3.73 - 8.35
12.	T V	-	150 -180
13.	Projector	4	50-400
14.	UPS -2 kVA	4	2-3
15.	UPS=5 kVA	4	6-7
16.	AC	-	1500 +
17.	Solar Panel	1	10kVA

There are two sources of electric power supply.

- 1) CESCO Hasan
- 2) Roof top solar power generation





UKAI GLIV 23-169178

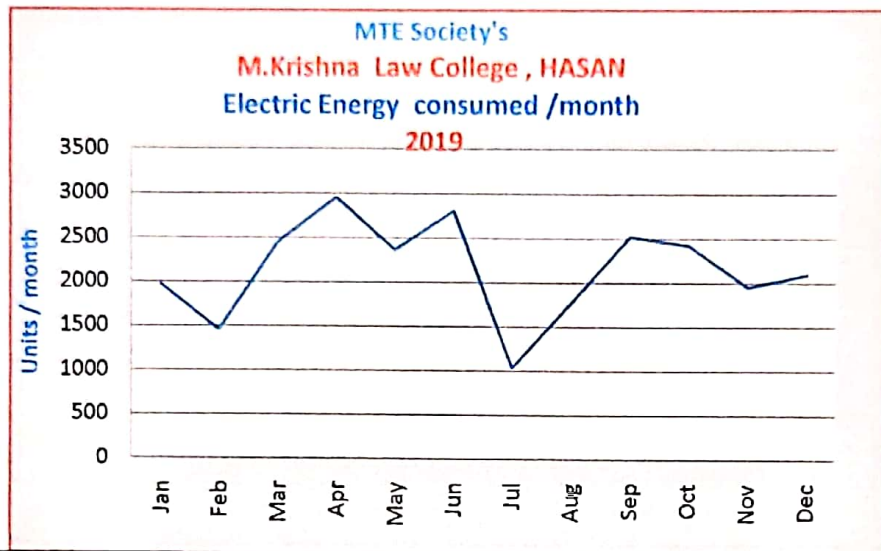


SOLUTIONS

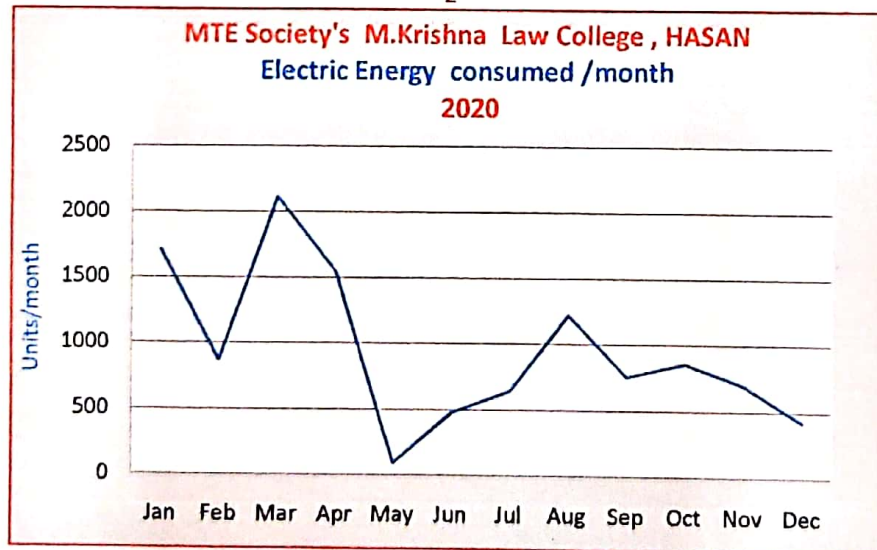
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e-mail : [hecube81@gmail.com](mailto:hecube81@gmail.com)  
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**MTE Society's  
M.Krishna Law College , HASAN  
YEAR WISE CONSUMPTION OF ELECTRIC ENERGY**

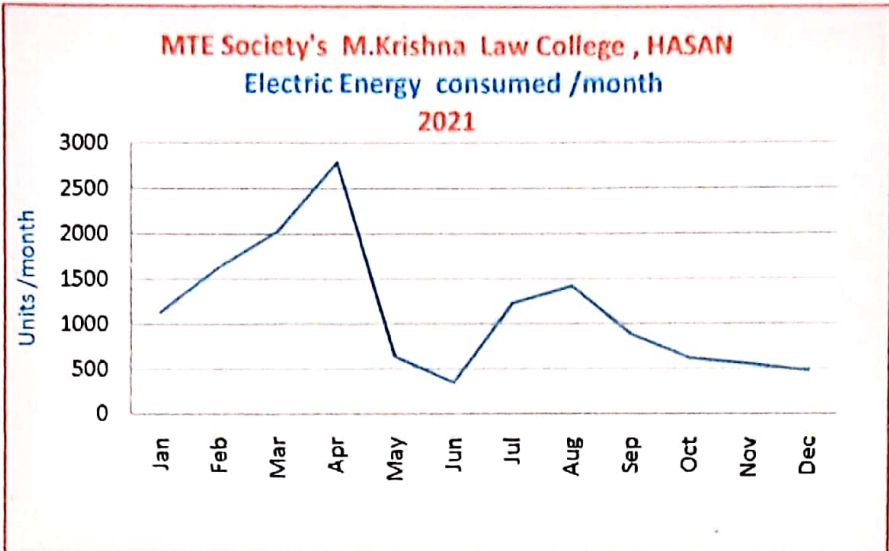
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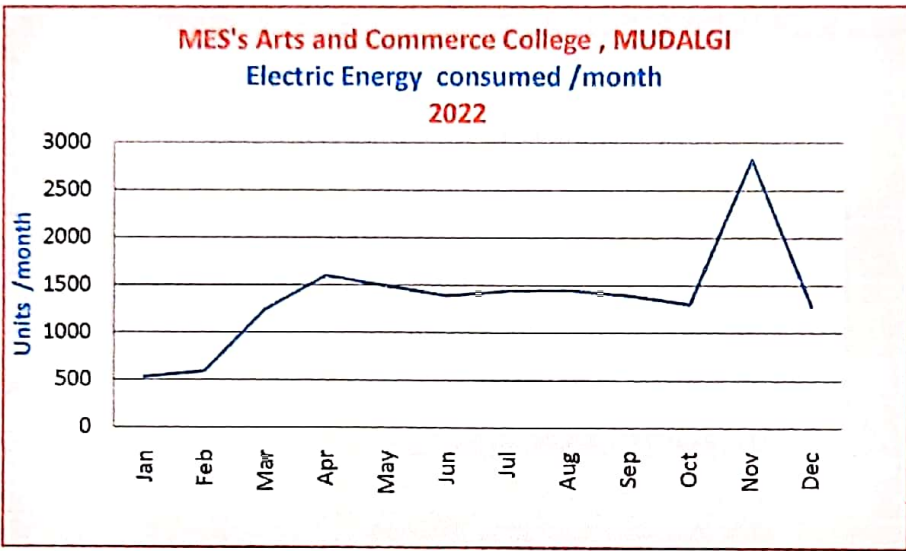
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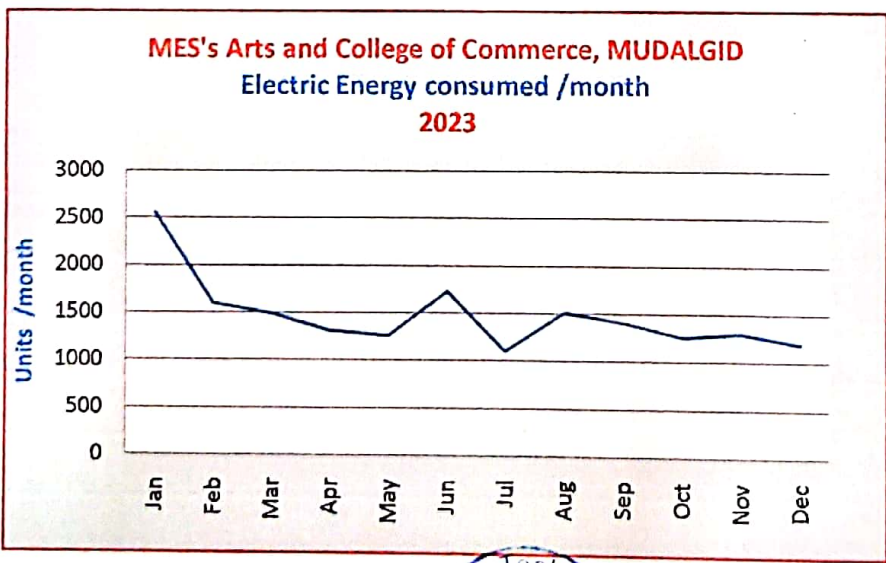
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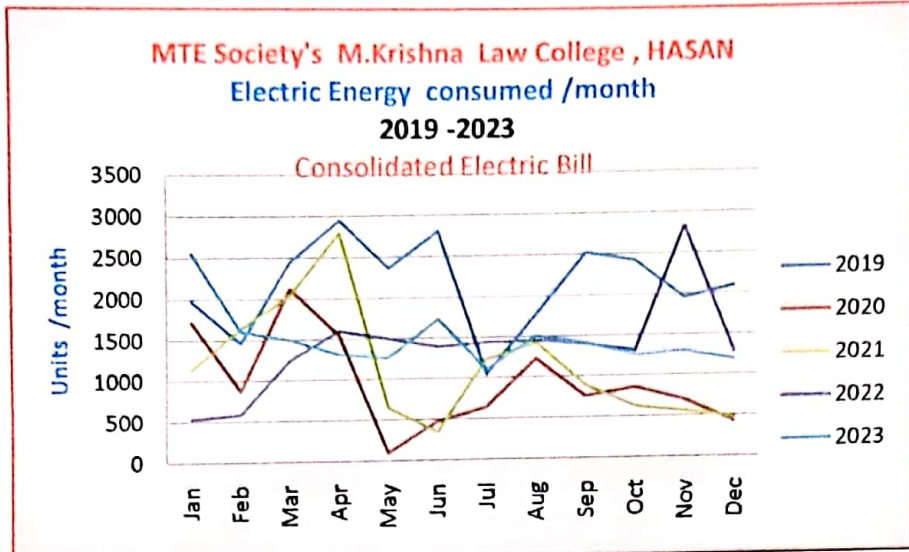
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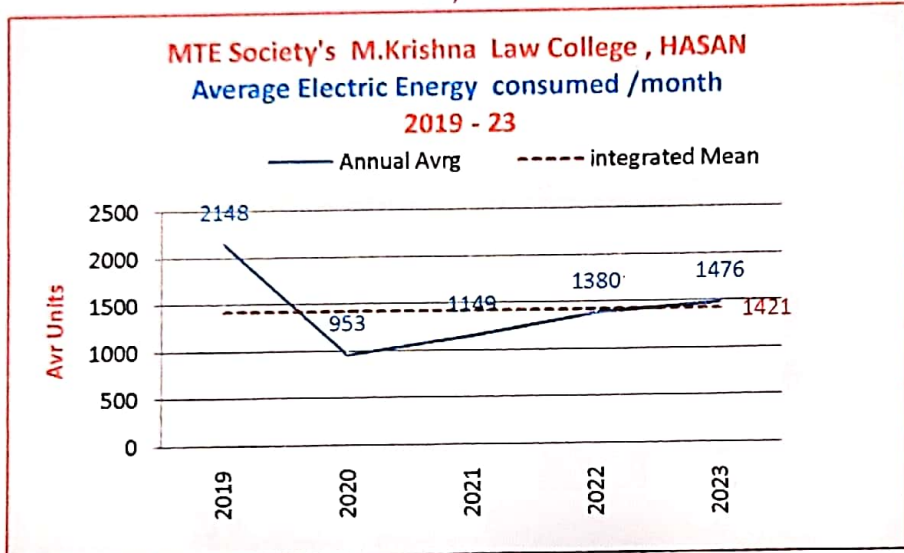
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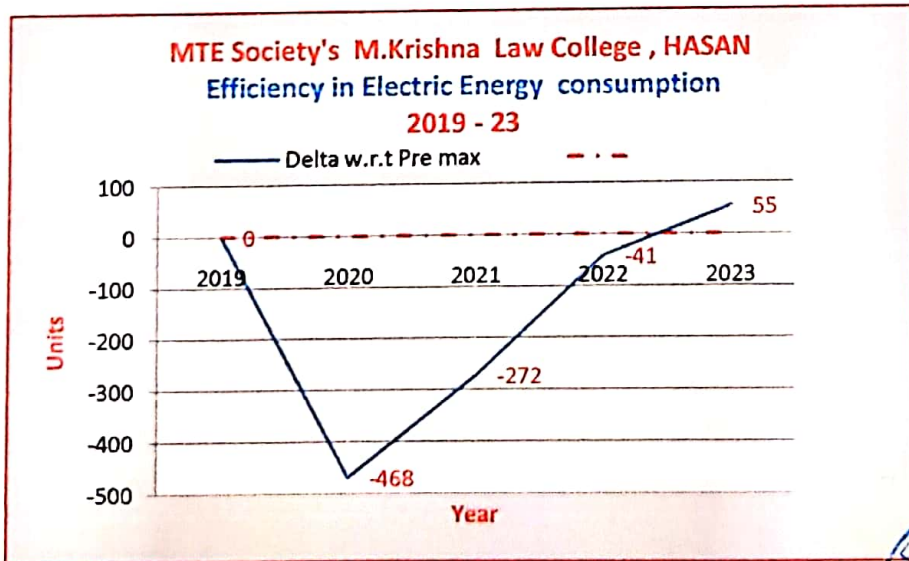
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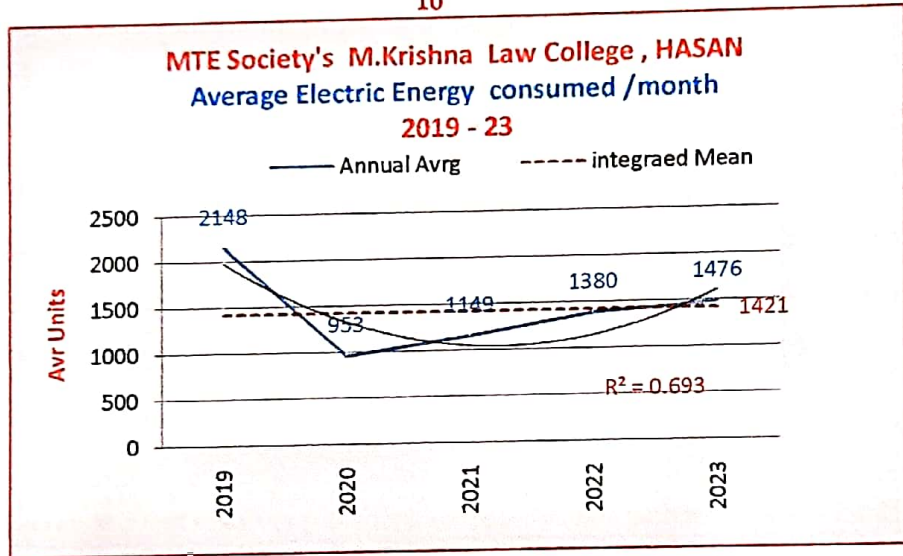
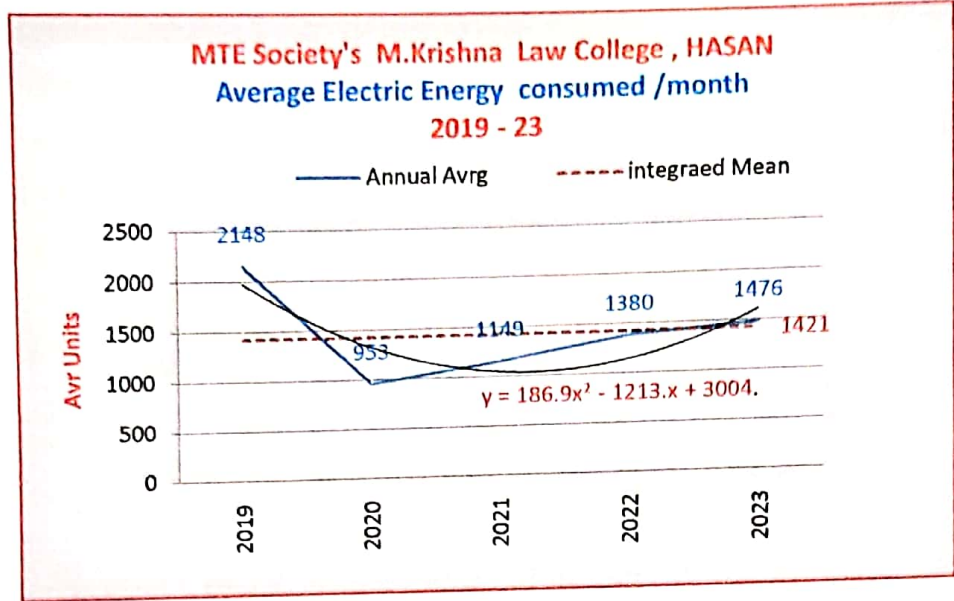


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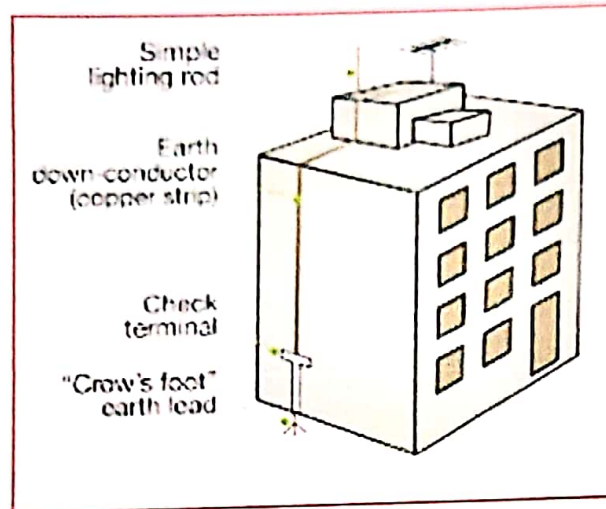
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## LIGHTNING PROTECTION TO BUILDING

A lightning conductor is a device used to protect buildings from the effect of lightning. A metal rod taller than the building is installed in the walls of the building during its construction. One end of the rod is kept out in the air and the other is buried deep in the ground. The rod provides an easy route for the transfer of electric charge to the ground thereby protecting the building from damage.



Lightning strikes: Lightning strikes can cause dangerous voltages to appear in electrical equipment and wiring. Proper earthing is essential for lightning protection to prevent damage to the building's electrical system and protect occupants from harm.

## EARTHING :

Earthing is a process that involves providing a low-resistance path to electrical faults, and it serves to safeguard both humans and equipment from electrical faults and overvoltage. Earthing is done for a variety of reasons, including safety, equipment protection, and lightning protection.

Electric shock: Without proper earthing, there is a risk of electric shock to occupants.

Fire hazards: Electrical equipment that is not properly earthed may cause sparks and overheating, which can lead to fires.

Damage to electrical equipment: Electrical equipment that is not properly earthed may be subjected to electrical noise and transient voltages, which can lead to damage and degradation of the equipment.

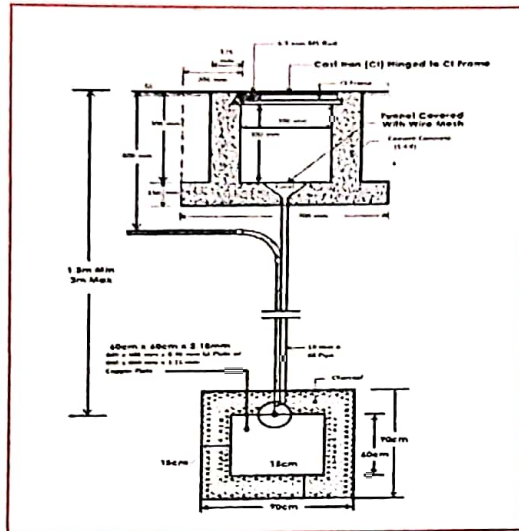




It is done by creating a conductive path between the equipment and the earth, usually using a copper rod driven into the ground. The purpose of earthing is to provide a safe route for electrical currents to flow to the ground in case of a fault in the electrical system.

Ground to neutral voltage is maintained at less than 5 volts for safety reasons.

Care and maintenance done on quarterly



### OPTIMUM ENERGY UTILIZATION POLICY

1. Energy sensitization programs are set up in the campus.
2. Conservation of electric energy is achieved by adopting modern electric appliances
3. Awareness is spread among the staff and students regarding judicious use of electrical energy.
4. Additional stand alone solar units are installed at prime location of the campus
5. No academic work is affected

#### Analysis

1. The energy utility curve has a initial exponential decrease trend later exponential increase trend has appeared The average monthly utilization of electric energy is 1471 Units (KWH)
2. A polynomial equation fits the energy utilization curve .
3. The polynomial equation is  $y = 186.9x^2 - 1213.x + 3004$
4. Order of the polynomial = 2
5. R squared value  $=R^2= R^2 = 0.693$  is in a acceptable value
6. Since  $R^2$  value is more than 0.5 the polynomial fits the data
7. Slope  $m= - 0.1542$  negative slope
8. Negative slope is **Good Practice** of using Electric energy.

S.No	Year	Average Power units consumed	Remarks
1	2019	2148	A graphical analysis shows that there is initial decrease in the beginning. Later, increasing trend later years because of infra structure developments
2	2020	953	
3	2021	1149	
4	20212	1438	
5	2023	1476	
	Average	1421	
*Achievement			- 30.28 % as compared to last max reading



*Cal*





SOLUTIONS

GREEN AUDIT

GREEN AUDIT



Global Eco Tech and Solutions, # 2309, I - cross Mahantesh nagar

Belgaum -16 Cell No : 9902428248



  
PRINCIPAL  
M. KRISHNA LAW COLLEGE  
BAGALKOT



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UKAI GLHV 23 169178



SOLUTIONS

# 2311.1 - Cross Mahantesh Nagar, BELGAUM - 16  
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Cell No : 9902428248, Reg No : UD.KR.04.058972

### GREEN AUDIT REPORT

This is to certify that, *Our Audit Team* has visited M Malanad Technical Society's M.Krishna Law College, Vidyanagar **HASAN** Ta & Dist : Hasan 573 202 and undertook the "*Green Audi*" of college campus.

- The campus id's maintained very clean.
- Roof top Solar power generation is provided in the campus
- Solar energy is used in hostel for water heating facility
- Fire extiguisher is provided for the whole building
- Bore well water is tested and used for garden
- Muncipal water/RO water is used for the drinking purpose
- Sinages are provided in prime locations

Most of the significant plants in the campus are indentified and nomenclatured.

The list is enclosed,

1. Total number of trees :	:398	(nomenclatured).
2. Total number of tree species :	:35	(nomenclatured).
3. Medicinal plants :	:10	(nomenclatured).
4. Rare plants :	:-	(nomenclatured).
5. Endangered plants :	:-	(nomenclatured).
6. Oxygen oozing plants :	:10	(nomenclatured).
7. Sacred plants :	:05	(nomenclatured).
8. Climbers :	:02	(nomenclatured).
9. Ornamental plants :	:Many	(nomenclatured).
10. Herbs and Shrubs :	:Many	(nomenclatured).

Technical staff

Convener  
Green Audit Team

Date :30<sup>th</sup> Dec 2022

Place :Hasan



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M. KRISHNA LAW COLLEGE  
HASAN





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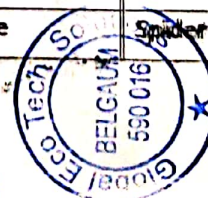


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MTESociety's  
**M.KRISHNA LAW COLLEGE , HASAN**

**FLORA ON CAMPUS**

S.No	Scientific name	Family name	Vernacular name	NO
1	<i>Saussrea obvallta</i>	Assteraceae	Brahm Kamal	5
2	<i>Catharanthus soses</i>	Apocynaceae	Nitya Pushpa	10
3	<i>Tinospora cardifolia</i>	Menispetramaceae	Amruta balli	18
4	<i>Duranta erecta</i>	Verbenaceae	Golden Durant	Many
5	<i>Syzgium cumini</i>	Myrtaceae	Nerale	4
6	<i>Nymphaea nouchali brum.f</i>	Nymphaeaceae	Kamal	5
7	<i>Araucaria columnris</i>	Araucaiaaceae	Arauceria Stamb	2
8	<i>Musa paradisiaca L</i>	Musaceae	Bale	20
9	<i>Magnifera indica</i>	Anacardaceae	Maavu	1
10	<i>Azadirachta indica</i>	Meliaceae	Belu	10
11	<i>Arotocarpus heterophyllus</i>	Moraceae	Halasu	20
12	<i>Tectona Grandis L</i>	Lamaiaaceae	Sagavani	2
13	<i>Ficus benghalensis</i>	Moraceae	Alad mar	2
14	<i>Centlla asiatica</i>	Apiaceae	Vandelag	5
15	<i>Ocumum teuiflorum</i>	Lamiaceae	Krishna Tulasi	8
16	<i>Calotropis gigantea</i>	Apocynaceae	Bili yakka	20
17	<i>Psidium quajava .</i>	Myrtaceae	Peral	4
18	<i>Phyllanthus emblica</i>	Phyllanthaceae	Guddad Nelli	10
19	<i>Roystonea regia</i>	Arecaceae	Elephanta Palm	6
20	<i>Dypsis lutescens</i>	Arecaceae	Areca Palm	8
21	<i>Terminalia Kattappa</i>	Rosaceae	Badam	6
22	<i>Ficus benghalensis</i>	Moraceae	Alad Mar	20
23	<i>Magnolia champaca</i>	Magnoliaceae	Sampige	5
24	<i>Nerium Olander</i>	Apocynaceae	Kanagale	3
25	<i>Punica granatum</i>	Punicaceae	Dalimbe	3
26	<i>Chlorophytum comosum</i>	Asparagaceae	Spider met	4



27	<u>Tuja occidentalis</u>	Cupressaceae	Tuja	10
28	<u>Ficus retusa L.</u>	Moraceae	Dust arrester	8
29	<u>Cocos nucifera L.</u>	Aracaceae	Coconut	4
30	<u>Rosa rubiginosa</u>	Rosaceae	Rose	5
31	<u>Prunus avium L.</u>	Rosaceae	Cherry	10
32	<u>Grevillea robusta</u>	Proteaceae	Silver Oak	20
33	<u>Bougainvillea glabra</u>	Nyctaginaceae	Pepar kagad gida	5
34	<u>Lea guineensis q.Don</u>	Vitaceae	Gini leeya	2
35	<u>Persea americana .M</u>	Lauraceae	Cittu thandri	2
36	<u>Ficus pumila l.</u>	Moraceae	Tevalu lata	6
37	<u>Asparagus densiflorus(kunth)</u>	Asparagaceae	Satavari fern	5
38	<u>Tagetes erecta.</u>	Asteraceae	Chandu	4
39	<u>Pongimia pinnata .L</u>	Fabaceae	Honge	20
40	<u>Epipremnum aurem</u>	Araceae	Money plant	4
41	<u>Spanthiphyllum wallisi</u>	Araceae	Peace lilly	4
41	<u>Wodyetia bifurcara A.K</u>	Arecaceae	Bili Foxtail palm	6
42	<u>WofLoo Ficus benamina l.</u>	Moraceae	Ficus mara	4
43	<u>Acalypha wilkesiana M</u>	Euphorbiaceae	Tamra parni ele gid	4
44	<u>Tabernamona divraicata</u>	Apocynaceae	Pin wheel flower	5
45	<u>Calycanthus floridus L</u>	Calcanthusceae	Spice bush	2
46	<u>Psidium cattaeyanum S.</u>	Myrtaceae	Red cuttley guava	3
47	<u>Zephyranthes candida</u>	Amaryllaceae	August rain lily	6
48	<u>Callisa fragrans W.</u>	Commelinaceae	Basket plant	3
49	<u>Euphorbia milli D</u>	Euphorbiaceae	ILai Kalli	8
50	<u>Cantella asitica</u>	Apiaceae	Ondelag	Many
51	<u>Zamioculcas zamilifolia</u>	araceae	Aroid palm	1
52	<u>Lantana camera</u>	Chadarangi	Verbinaceae	8
			Total	398



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The list is enclosed,

- |                                   |        |                   |
|-----------------------------------|--------|-------------------|
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| 2. Total number of tree species : | 35     | (nomenclatured).  |
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| 7. Sacred plants                  | : 05   | (nomenclatured).  |
| 8. Climbers                       | : 02   | (nomenclatured).  |
| 9. Ornamental plants :            | : Many | (nomenclatured ). |
| 10. Herbs and Shrubs              | : Many | (nomenclatured).  |



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## CARBON CHECK

### (CARBON DIOXIDE EMISSION CHECK)

Conservation OF Energy in Girls Hostel (Usage of Solar water heaters)

No of Hostels : 1 No

#### Capacity of Solar water heater

S.No	Name of the Hostel	Capacity
1	Number of Rooms	18
2	Three hostilities /room	54
3	Hostilities at present	40

- i. 1KW/h energy is generated from burning wood equivalent to 0.932 kg of CO<sub>2</sub>
- ii. Total hot water required per day = 800 Lit /day
- iii. Required rise in temperature = (45-25) = 20 °C (ideal case)
- iv. Specific gravity of water = 1kg/lit
- v. Sp heat of water = 4.18 kJ/ kg °C
- vi. Total amount of heat energy required =  $M \times C_p \times (T_2 - T_1)$   
=  $540 \times 4.186 \times 20$   
= 45144 kJ
- vii. Energy obtained from solar collectors = 45144 kJ  
= 15.675 kJ /h  
= 16 unit of electric energy is required /day
- viii. No of working days of college = 210
- ix. Quantity of prevention of CO<sub>2</sub> emission in the atmosphere =  $16 \times 210 \times 0.932$   
= 3131.52 kg/year  
= 3.13 ton/year

By using solar water heaters (harnessing green energy) 3.13 ton of CO<sub>2</sub> emission / year prevented

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*(Signature)*







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### ANNUAL SAVING OF ELECTRIC BILL

1. Electric energy units saved /day = 15.67/day
2. Rate electric energy per unit = Rs 7.15
3. Total saving per month = 15.67 x30 = Rs 470.0
4. Annual saving =21.77x7.15 x210 = Rs 23528.00
5. Cost of one solar water heater approx = Rs 32,000.00
6. B .C ratio =1.36 appreciable

#### Analysis of out come

Note : Installing solar water heater is a most welcome and of worth investment.

After installation of Solar water heater the cost of Installation can be recovered within two years.

It is a wise step towards achievement of Clean and Green Energy.

Technical staff

Date: 30<sup>th</sup> Dec 2023

Place : Hasan

Convener  
GREEN Audit Team





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## CARBON FOOT-PRINT OF THE INSTITUTE

( ISO 14064 )

“A carbon foot print of the Institute is the total sum of Green House Gases (GHG) emissions caused by the organization event or product”.



### INPUT DATA

- ❖ Electric energy consumed in kWh/monthly(avrg of last three years) = 1333 units/month.
- ❖ No of petrol cars used staff = 03.
- ❖ No of diesel cars used staff = 02.
- ❖ No of two wheelers brought by staff and students = 8+40 =48.
- ❖ Diesel generator = Nil
- ❖ Omni bus = Nil
- ❖ LPG consumed in( kg )/month (staff common room) = Nil.
- ❖ LPG consumed in( kg )/month (canteen) = Nil.

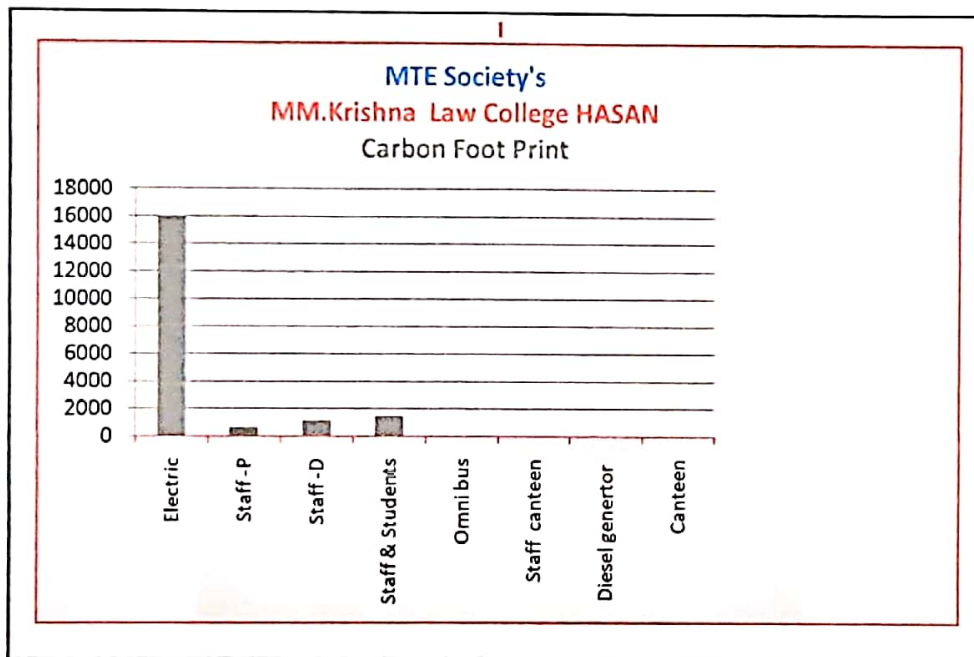
### CONSUMPTION RATES

- ❖ Electric energy consumed (avrg) last three years = 1333 units/year.
- ❖ Average petrol consumed petrol car Liter /month =12 lit /month.
- ❖ Average diesel consumed diesel car Liter/month =12 lit /month.
- ❖ Average petrol consumed by students-two wheelers (Liter)/month =12 x2 lit /month.
- ❖ Average diesel consumed for Generator = 5 lit /month.
- ❖ Average diesel consumed diesel by Omni buss =)1x (5 Liter)/day =25.00 lit /month.
- ❖ LPG consumed in( kg )/month (staff room) = 7.4 Kg /month.
- ❖ LPG consumed in( kg )/month (canteen) = 29.6 Kg /month.

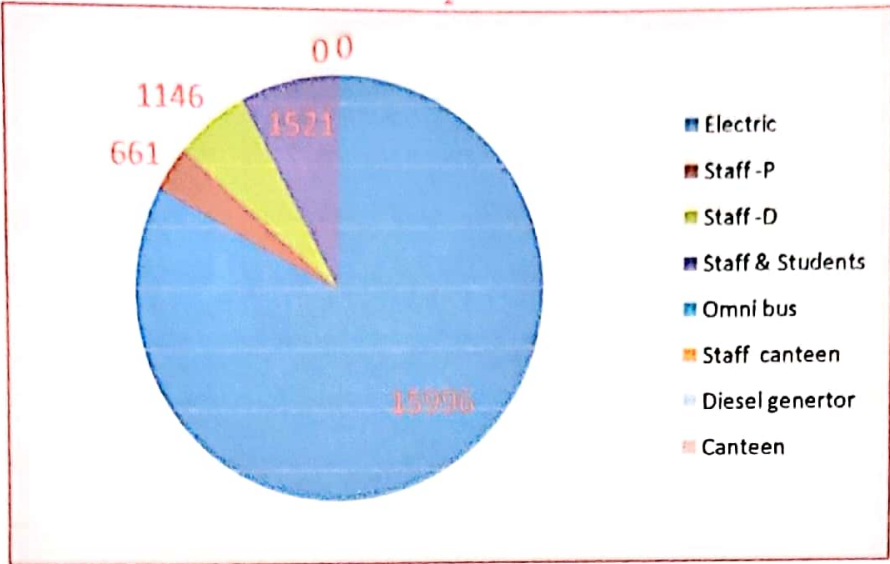


## CARBON FOOT PRINT BY THE WAY OF IN KG OF CO<sub>2</sub> EQUIVALENTS

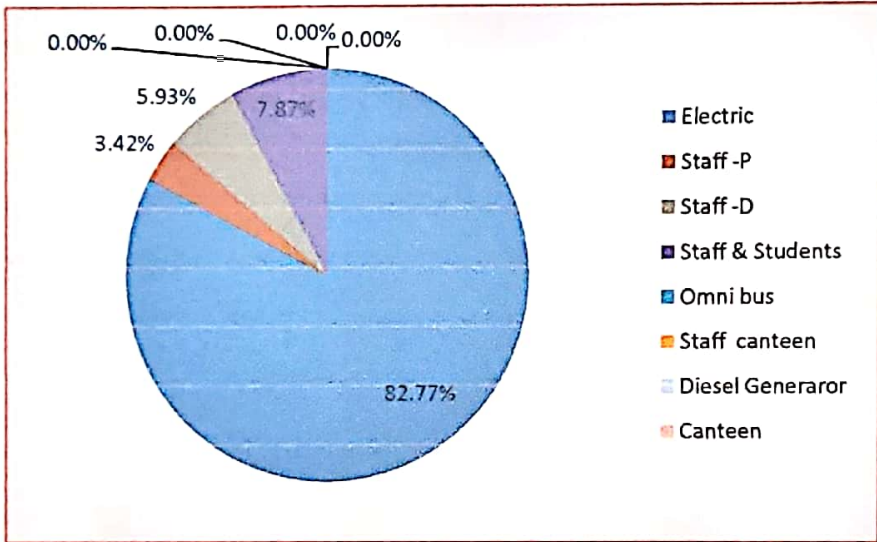
1. Electricity =  $1333 \times 12 \times 0.85 = 15996.00$
2. Petrol cars (staff) =  $2 \times 12 \times 12 \times 2.296 = 661.00$
3. Diesel (staff) cars =  $3 \times 12 \times 12 \times 2.653 = 1146.00$
4. Two wheeler Petrol (staff and students) =  $48 \times 2 \times 12 \times 210 \times 2.296 / 365 = 1521.00$
5. Diesel (Generator) =  $0 \times 5 \times 8 \times 2.653 = 0.00$
6. Diesel by Omni buses =  $0.00 \times 100 \times 12 \times 2.653 \times 210 / 365 = 0.00$
7. LPG (staff room) =  $0.00 \times 12 \times 2.983 = 0.00$
8. LPG (Canteen) =  $0.00 \times 12 \times 2.983 = 0.00$  (Out sourced)
9. **Net Carbon foot print in ton of CO<sub>2</sub> = 19324 Kg /year**  
**= 1.93 ton/year**



2



3



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## CARBON HAND PRINT FOR THE INSTITUTE

( ISO 14064 )

“A Carbon Hand print of the Institute is the total sum of positive impact produced on the environment by reducing the carbon foot print”.



To **reduce** the “Carbon foot print”, “Carbon hand print” following techniques practiced

- i) Creating awareness regarding energy sensitization programs.
- ii) Creating awareness annual ‘PUC’ test of vehicles ( Pollution Under Control ).
- iii) Encouraging to purchase of BS VI certified vehicles.
- iv) Promoting electrical vehicles.
- v) Encouraging to purchase of five star rating fridges
- vi) Replacing resistor controlled dimmer with Semiconductor controlled dimmers.
- vii) Installing stand alone solar units in the campus.
- viii) Planning for roof top harvesting of solar energy.
- ix) Celebrating Green Earth day
- x) Following Citizen Charter like Do & Don'ts

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*(Signature)*



## SOLID AND HAZARDOUS WASTE MANAGEMENT

The university has deep concern regarding sustainable practices to protect the environment, health and wellbeing through implementation of effective waste management practices such as segregation. Recycling, composting and solid wastes are classified as

### 1. BIO DEGRADABLE WASTE :

Litter, food waste, canteen waste and waste from toilets etc.

Biodegradable kitchen waste from mess and canteen, such as dried leaves, twigs, and plant clippings is collected from all around the campus and used for vermin composting. Dustbins have been installed throughout the campus for waste segregation.

### 2. NON-BIODEGRADABLE WASTE.

Waste like Plastic, metals, glass, waste bottle (dry waste) are systematically collected, segregated and sold to authorized Vendors for its recycling purpose

### 3. RECYCLABLE WASTE

Newspaper, cardboard, and stationery write off books are collected and sold to authorized vendors

### 4. SOLID WASTE MANAGEMENT:

College has a tie-up with Town Municipality to collect solid waste from the campus every day. The waste is segregated at a source and later collected by Pura karmikas to dispose of properly to the dumping yard of HDMP.

### 5. LIQUID WASTE MANAGEMENT:

The liquid wastes are mainly drained to improve the ground water level. The grey water from the hostels and canteen is discharged to the recharge pit. Neutralized water from the above process is allowed to sediment in a tank to remove solid suspended waste and later this water is utilized for gardening and landscaping around Campus.

### 6. SANITORY WASTE

Biomedical waste disposed off as per the Bio-medical Waste Management Rules 2016. Biomedical waste is collected in color-coded bags, disposed and managed as per norms of as per the standard Protocol of Karnataka State Pollution Control



Board, in Girls' hostels provided with incinerators for the Disposal of menstrual waste material.

#### 7. e-WASTE MANAGEMENT

The e-wastes generated from Computer Section, Library, Examination section, academic and administrative offices. It includes out of order equipment or obsolete items like circuits, desktop, laptop and accessories, printers, charging and network cable, Wi-Fi devices, sound system, display unit, UPS, Biometric Machine, Electronic instruments etc. All such equipment which cannot be reused or recycled are disposed through authorized e-waste recyclers.





1974-2024  
Golden Jubilee Year

# M KRISHNA LAW COLLEGE, HASSAN.

(Under the Auspices of the Malnad Technical Education Society (R), Hassan.)  
(Affiliated to the Karnataka State Law University, Hubballi)  
Accredited by the NAAC with B+ Grade.

Salagame Road, Behind All India Radio, HASSAN - 573 202, (Karnataka)

Phone : (O) : 08172-245406, Fax (P) : 08172-245414

e-mail : principalmklchn@yahoo.co.in

Website : www.mkrishnalawcollege.com

Ref. No. : MKLC

Date : ...15/07/24:.....

## Subject – Dispose of solid and e-wastes/materials available in the institution

At the end of every academic year, we dispose the solid and e-wastes to the authorised waste pickers. The solid wastes are disposed in the decomposed pit in the campus. Old news papers and other solid wastes will be disposed to the solid waste operators. E-wastes are disposed to the authorised e-wastes operator at the end of every academic year.



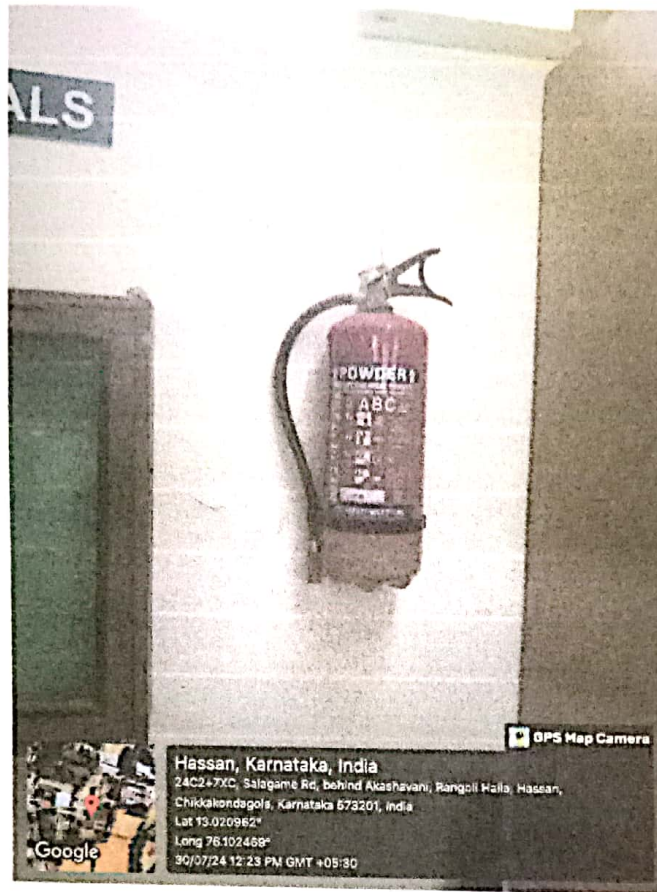
Principal

  
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HASSAN

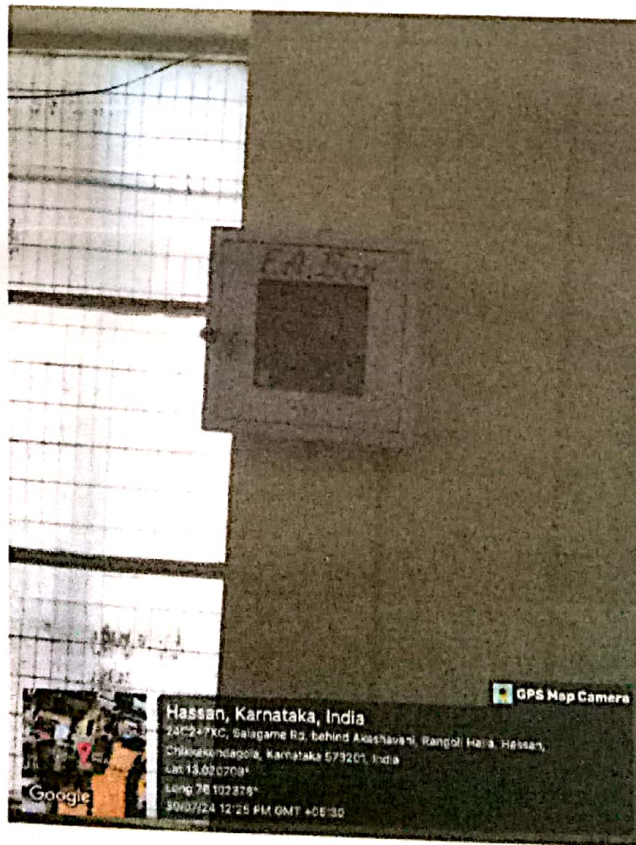




# Photo Galary



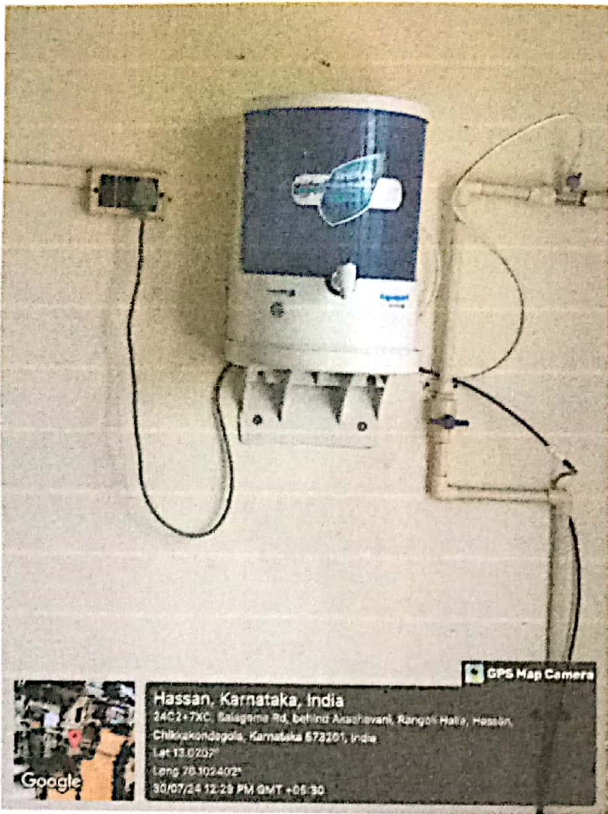
## Fire Extinguisher



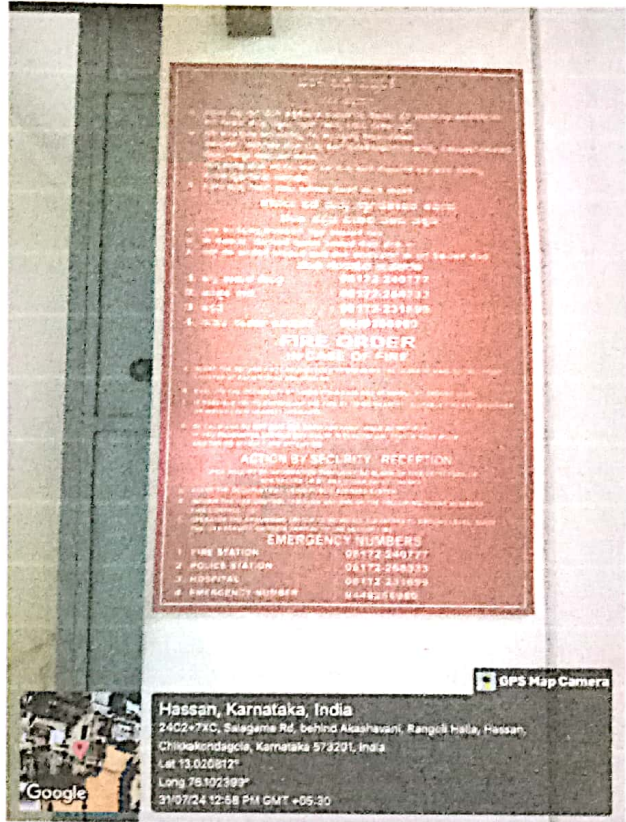
## First Aid Box



  
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**Drinking water facility RO**

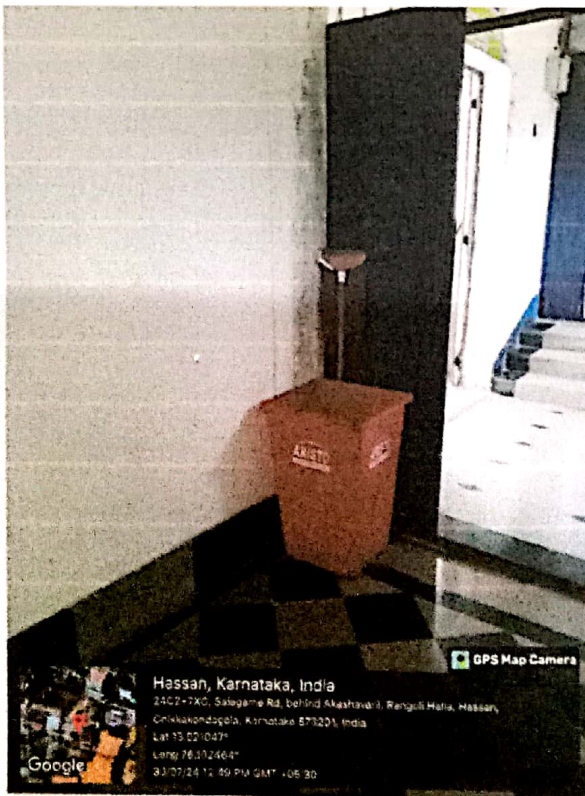
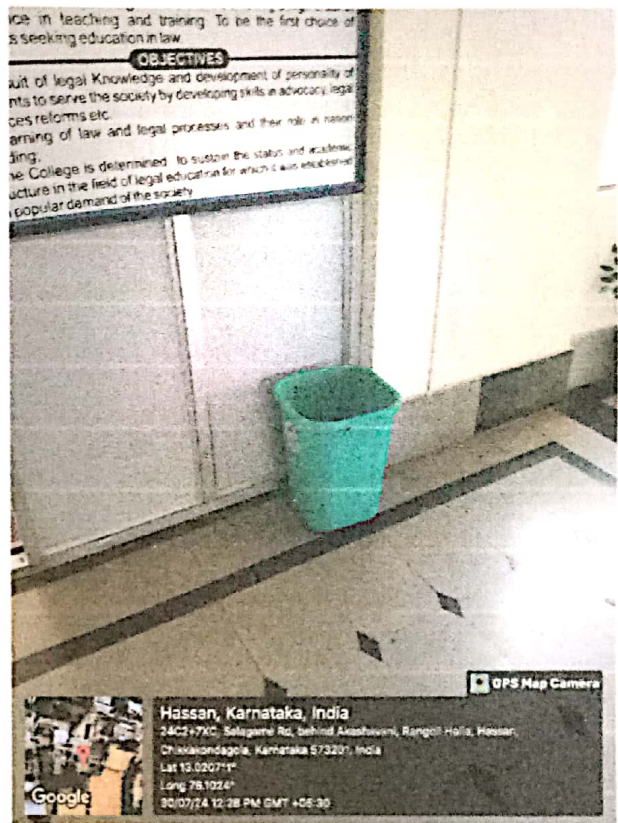


**Awareness regarding Fire catch**



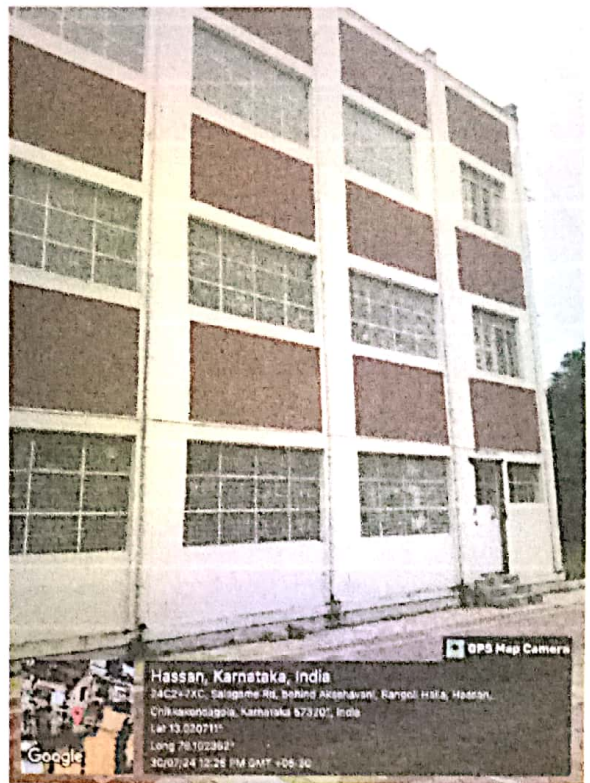
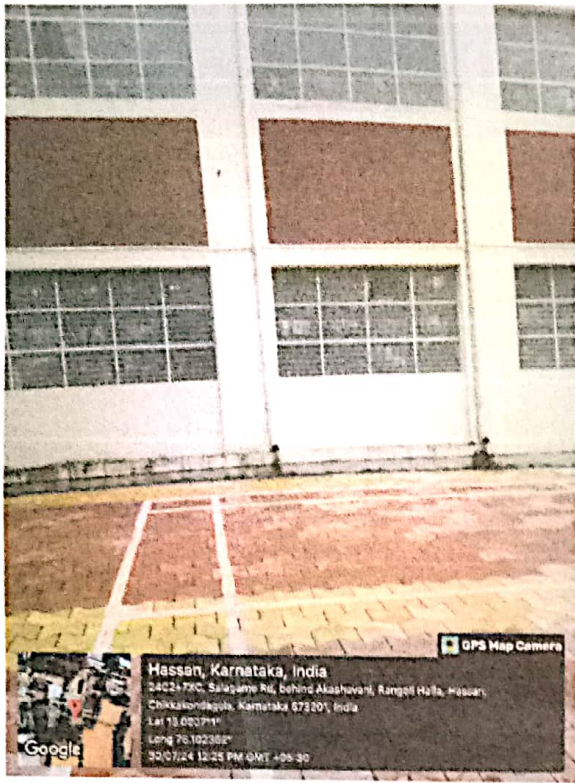
**Fire Extinguisher for whole Building**



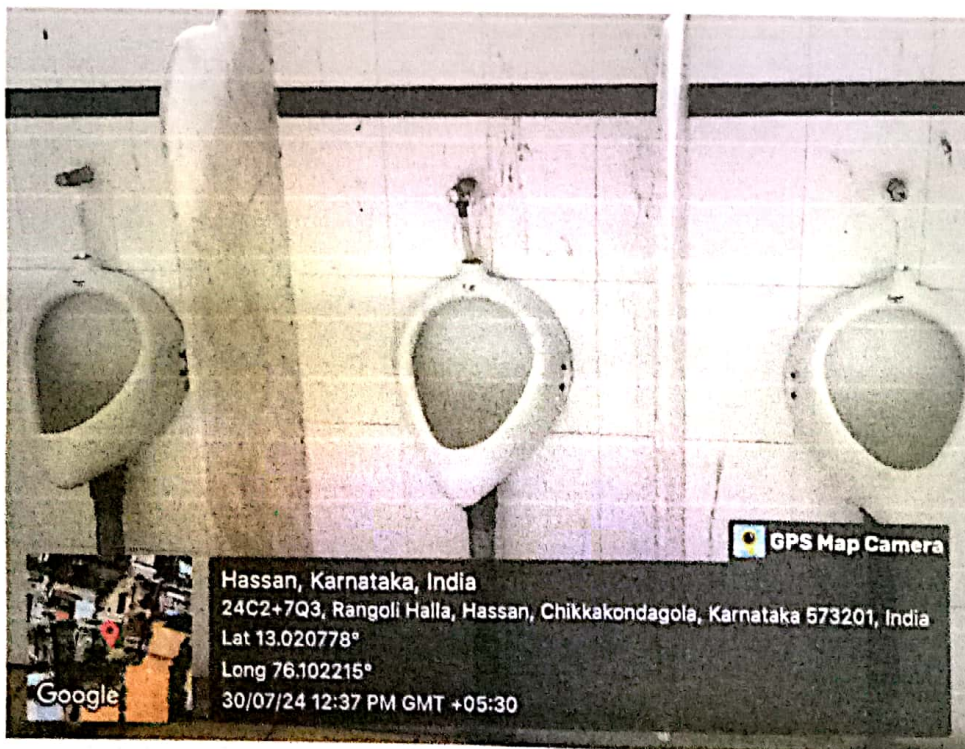


**Dust Bins - Dry and wet bins**

Principal  
 SRI SATHYANARAYANA LAW COLLEGE  
 HASSAN



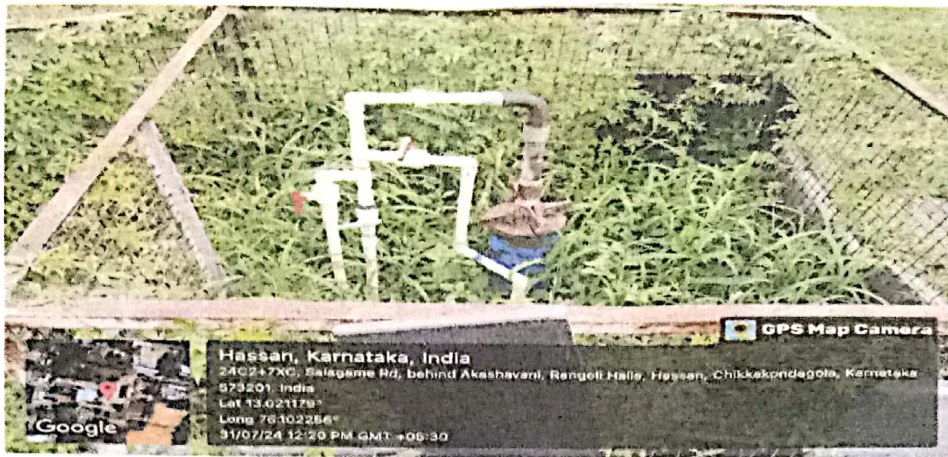
**Rain water harvesting**



**Spring Action taps**



*(Signature)*  
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**HASSAN**



Hassan, Karnataka, India  
24C2+7XG, Salagame Rd, behind Akashvani, Rangoli Halla, Hassan, Chikkakondagola, Karnataka  
573201, India  
Lat 13.021178°  
Long 76.102286°  
31/07/24 12:30 PM GMT +05:30

Bore Well



Hassan, Karnataka, India  
24C2+7XG, Salagame Rd, behind Akashvani, Rangoli Halla, Hassan, Chikkakondagola, Karnataka  
573201, India  
Lat 13.020927°  
Long 76.10220e°  
31/07/24 12:17 PM GMT +05:30

Water Tank



Swachata Abhiyan



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HASSAN