



# GREEN AUDIT GREEN AUDIT



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



UKAI-GLHV-23-169178



#2311, I - Cross Mahantesh Nagar, BELGAUM - 16  
e-mail : [beecube81@gmail.com](mailto:beecube81@gmail.com)  
Cell No : 99024 28248, Reg No : UD-KR-04-058972

## GREEN AUDIT REPORT

This is to certify that, *Our Audit Team* has visited AHM's Anjuman Arts, Science and Commerce College, BHATKAL Commerce College, **MUDALAGI** i Dist: Uttar Kannada **581 320** 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) Number of identified Plants :  | 648      |
| 2) Number of fruit bearing Plants | 10       |
| 3) Medicinal Plants               | 5        |
| 4) Number of Rare plants          | 2        |
| 5) Creepers                       | Lot many |
| 6) Sacred plants                  | 5        |
| 7 Market value based              | 10       |
| 8 Decorative plants               | Many     |
| 9 Endangered Plants               | Nil      |

The details of Green related geographical, Environmental and Weather parameters of Bhatkal

And related charts and their importance are submitted to the college.

  
Technical staff

Place : Bhatkal  
24/6/2024



  
Convener  
Environment Audit Team

  
**PRINCIPAL**  
Anjuman Arts, Science & Commerce  
College, BHATKAL (U K ) 581320

# ANJUMAN ARTS, SCIENCE, & COMMERCE COLLEGE BHATKAL

## ECO CLUB COMMITTEE MEMBERS

1. Prof. M.K. Shaikh (Principal)
2. Prof. S.A. Indikar
3. Mr. Damodar Naik
4. Prof. R.S. Nayak
5. Dr. D.S. Prabhu
6. Mr. Umesh Mesta
7. Mrs. Niha
8. Mr. Jayadeep Shinde

Chairman

IQAC Co-Ordinator 

Co-Ordinator 

Member 

Member 

Member 

Member

Member 

  
ECO CLUB  
(Co-ordinator)



  
PRINCIPAL



UKAI-GLHV-23-169178



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**AHM's Anjuman Arts ,Science and Commerce College  
BHATKAL  
FLORA OF THE CAMPUS**

| S.No | SCIENTIFIC NAME                      | FAMILY        | COMMON NAME            | Number |
|------|--------------------------------------|---------------|------------------------|--------|
| 1    | <i>Acalypha hispida</i>              | Euphorbiaceae | Red-hot Cat's tail     | 2      |
| 2    | <i>Acanthocereus tetragonus</i>      | Cactaceae     | Triangle cactus        | 4      |
| 3    | <i>Agave americana</i>               | Asparagaceae  | Agave                  | 3      |
| 4    | <i>Aglaonema pumilium</i>            | Arecaceae     | Aglaonema snow white   | 2      |
| 5    | <i>Allamanda violacea</i>            | Apocynaceae   | Allamanda              | 1      |
| 6    | <i>Alocasia mortfontanensis</i>      | Arecaceae     | Amazonian elephant ear | 1      |
| 7    | <i>Aloe vera</i>                     | Asphodelaceae | Aloe                   | 2      |
| 8    | <i>Aquilaria maaccensis</i>          | Thymaccenceae | Agar wood tre          | 4      |
| 9    | <i>Asplenium nidus</i>               | Aspleniaceae  | Bird's nest fern       | 5      |
| 10   | <i>Begonia obliqua</i>               | Begoniaceae   | Begonia                | 1      |
| 11   | <i>Bougainvillea glabra</i>          | Nyctaginaceae | Bougainvillea          | 22     |
| 12   | <i>Bryophyllum pinnatum</i> (lam.) o | Crassulaceae  | Bryophyllum            | 1      |
| 13   | <i>Caesalpinia pulcherrima</i>       | Fabaceae      | Peacock flower         | 2      |
| 14   | <i>Calliandra haematocephala</i>     | Fabaceae      | Redpowder puff         | 1      |
| 15   | <i>Catharanthus roseus</i>           | Apocynaceae   | Periwinkle             | 8      |
| 16   | <i>Chrysanthemum frutescans</i>      | Asteraceae    | daisy                  | 10     |
| 17   | <i>Cocos nucifera</i>                | Arecaceae     | Coconut tree           | 3      |
| 18   | <i>Codiaeum variegatum</i>           | Euphorbiaceae | Garden croton          | 40     |
| 19   | <i>Codiaeum variegatum</i>           | Euphorbiaceae | Croton black           | 25     |
| 20   | <i>Coleus amboinicus</i>             | Lamiaceae     | Dodda pathre           | 1      |
| 21   | <i>Combretum indicum</i>             | Combretaceae  | Rangoon creeper        | 8      |
| 22   | <i>Cordyline fruticosa</i>           | Asparagaceae  | Ti-plant               | 4      |
| 23   | <i>Cycas circinalis</i>              | Cycadaceae    | Queen sago / cycas     | 8      |
| 24   | <i>Cynodon dactylon</i>              | Poaceae       | Indian Durva           | 2      |
| 25   | <i>Delonix regia</i>                 | Fabaceae      | Flame of the forest    | 1      |
| 26   | <i>Dracena marignata</i>             | Asparagaceae  | Dragon trees           | 15     |
| 27   | <i>Dracena reflexa</i>               | Asparagaceae  | Dracena                | 10     |
| 28   | <i>Dracena trifasciata</i>           | Asparagaceae  | Dracena                | 1      |



|    |                                  |                 |                             |    |
|----|----------------------------------|-----------------|-----------------------------|----|
| 29 | <i>Duranta erecta</i>            | Verbenaceae     | Golden dew drop             | 2  |
| 30 | <i>Dyopsis lutescens</i>         | Arecaceae       | Areca palm                  | 3  |
| 31 | <i>Euphorbia mili</i>            | Euphorbiaceae   | Crown of thorns             | 16 |
| 32 | <i>Ficus benjamina</i>           | Moraceae        | Weeping fig                 | 3  |
| 33 | <i>Ficus carica</i>              | Moraceae        | Anjir                       | 1  |
| 34 | <i>Ficus macrophylla</i>         | Moraceae        | Bay fig                     | 1  |
| 35 | <i>Ficus religiosa</i>           | Moraceae        | Peepal tree                 | 2  |
| 36 | <i>Fiscinia truncata</i>         | Cyperaceae      | Ice crystal                 | 4  |
| 37 | <i>Garcinia indica</i>           | Clusiaceae      | Kokum tree                  | 2  |
| 38 | <i>Garcinia mangostana</i>       | Clusiaceae      | Mangosteen                  | 1  |
| 39 | <i>Gardenia jasminoides</i>      | Rubiaceae       | Gardenia                    | 1  |
| 40 | <i>Gazania rigens</i>            | Asteraceae      | Treasure flower             | 8  |
| 41 | <i>Goeppertia insignis</i>       | Marantaceae     | Rattle snake plant          | 4  |
| 42 | <i>Hamelia patens</i>            | Rubiaceae       | Firebush                    | 2  |
| 43 | <i>Hemigraphis colorata</i>      | Acanthaceae     | Red ivy                     | 10 |
| 44 | <i>Hibiscus rosa-sinensis</i>    | Malvaceae       | Hibiscus                    | 15 |
| 45 | <i>Ipomoea batatas</i>           | Convolvulaceae  | Black heart                 | 20 |
| 46 | <i>Ixora coccinea</i>            | Rubiaceae       | West Indian<br>jasmine(red) | 3  |
| 47 | <i>Ixora coccinea</i>            | Rubiaceae       | Dwarf Ixora<br>yellow       | 3  |
| 48 | <i>Magnifera indica</i>          | Anacardiaceae   | Mango                       | 15 |
| 49 | <i>Malvaviscus arboreus</i>      | Malvaceae       | Sleeping hibiscus           | 2  |
| 50 | <i>Mimosa pudica</i>             | Fabaceae        | Shame plant                 | 40 |
| 51 | <i>Moringa oleifera</i>          | Moringaceae     | Drum stick                  | 1  |
| 52 | <i>Murraya koenigii</i>          | Rutaceae        | Curry leaves tree           | 1  |
| 53 | <i>Mussaenda philippica</i>      | Rubiaceae       | White mussaenda             | 1  |
| 54 | <i>Nerium oleander</i>           | Apocynaceae     | Rosebay                     | 6  |
| 55 | <i>Nymphaea leibergii</i>        | Nymphaeaceae    | Dwarf water lily            | 1  |
| 56 | <i>Ocimum tenuiflorum</i>        | Lamiaceae       | Tulsi                       | 2  |
| 57 | <i>Opuntia elata</i>             | Cactaceae       | Prickly pear cactus         | 2  |
| 58 | <i>Parodia magnifica</i>         | Cactaceae       | Ball cactus                 | 5  |
| 59 | <i>Peltophorum pterocarpum</i>   | Leguminosae     | Yellow-flame                | 10 |
| 60 | <i>Peperomia obtusifolia</i>     | Piperaceae      | Baby rubber plant           | 1  |
| 61 | <i>Persea americana</i>          | Lauraceae       | Avacado                     | 1  |
| 62 | <i>Phyllanthus myrtifolius</i>   | Phyllanthaceae  | Waterfall shrub             | 68 |
| 63 | <i>Plumeria alba</i>             | Apocyanaceae    | champa                      | 1  |
| 64 | <i>Polyscias fruticosa</i>       | Araliaceae      | Ming aralia                 | 2  |
| 65 | <i>Polyscias guilfoylei</i>      | Araliaceae      | Wild coffee                 | 5  |
| 66 | <i>Portulaca grandiflora</i>     | Portulacaceae   | Mose rose                   | 20 |
| 67 | <i>Prunus avium</i>              | Rosaceae        | Wild cherry                 | 2  |
| 68 | <i>Ravenala madagascariensis</i> | Strelitiziaceae | Travellers palm             | 2  |
| 69 | <i>Rondeletia odorata</i>        | Rubiaceae       | Panama - rose               | 2  |
| 70 | <i>Rosa rubiginosa</i>           | Rosaceae        | Rose                        | 38 |
| 71 | <i>Saraca asoca</i>              | Caesalpinaceae  | Ashoka tree                 | 8  |
| 72 | <i>Schefflera arboricola</i>     | Araliaceae      | Dwarf umbrella              | 1  |
| 73 | <i>Solanum melongena</i>         | Solanaceae      | Brinjal                     |    |



|    |                                  |                |                  |     |
|----|----------------------------------|----------------|------------------|-----|
| 74 | <i>Syngonium podophyllum</i>     | Arecaceae      | Arrow head plant | 1   |
| 75 | <i>Syzygium cumini</i>           | Myrtaceae      | Jamun            | 5   |
| 76 | <i>Taberaemontana divaricata</i> | Apocynaceae    | Pin wheel flower | 3   |
| 77 | <i>Tecoma stans</i>              | Bignoniaceae   | Yellow bells     | 48  |
| 78 | <i>Thunbergia grandifolia</i>    | Acanthaceae    | Blue sky flower  | 1   |
| 79 | <i>Tradescantia spathacea</i>    | Commenlinaceae | Oyster plant     | 1   |
| 80 | <i>Trychospermum ammi</i>        | Apiaceae       | Ajwain           | 30  |
| 81 | <i>Vinca alba</i>                | Apocynaceae    | White periwinkle | 1   |
| 82 | <i>Xanthostemon chrysanthus</i>  | Myrtaceae      | Golden penda     | 6   |
| 83 | <i>Xanthostemon youngii</i>      | Myrtaceae      | Red penda        | 1   |
| 84 | <i>Zamioculcas zamiifolia</i>    | Arecaceae      | Aroid palm       | 1   |
| 85 | <i>Daldergia sissoo</i>          | Fabaceae       | Sheesam          | 1   |
| 86 | <i>Zephyranthes rosea</i>        | Amaryllidaceae | Rain lily        | 1   |
| 87 | <i>Ricinus communis</i>          | Ephorbiaceae   | Audal            | 4   |
|    |                                  |                | Total :          | 649 |

### ABUNDANCE IN FLORA

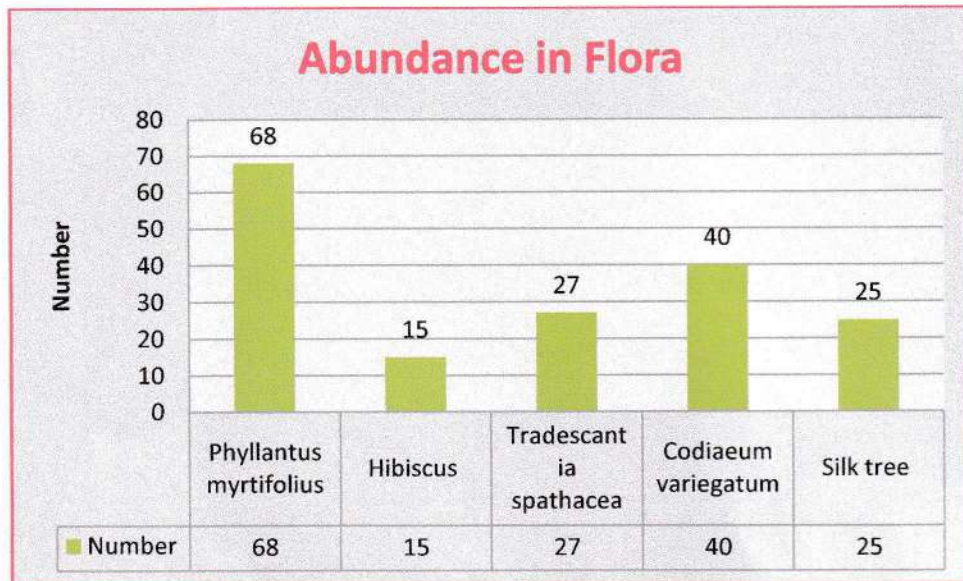
| S.No | Name                          | Number |
|------|-------------------------------|--------|
| 1    | <i>Phyllantus myrtifolius</i> | 68     |
| 2    | Bibiscus                      | 15     |
| 3    | <i>Tradescantia spathacea</i> | 27     |
| 4    | <i>Codiaeum variegatum</i>    | 40     |
| 5    | Silk tree                     | 25     |

*[Signature]*



## ABUNDANCE

There are about 642 trees of different variety, which are abundant in the campus. They contribute a lot to major amount of bio mass and fresh oxygen ooze in the campus. Predominant photosynthetic activity by this fresh air keeps the campus cool.



The campus is spread on 55 Acres of land. At least 80% of the College under vegetation canopy. This adds a serene beauty to the campus. Rest the area includes the carpet area of building, play ground and approach roads, manicure lawn etc



## **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. BIODEGRADABLE 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. SANITARY 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.



A handwritten signature in blue ink, appearing to be "Raj" or similar, with a horizontal line extending to the right.



# ENVIRONMENT AUDIT

## ENVIRONMENT AUDIT



*Bula*

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

## ENVIRONMENT AUDIT REPORT

This is to certify that, *Our Audit Team* has visited AHM's Anjuman Arts, Science and Commerce College, BHATKAL Commerce College, i Dist: Uttar Kannada **581 320** and undertook the "*Environment Audit*" of college campus.

The college is located in Bhatkal Town Municipal Council Limits. The population of city is 16,417 male 15,583 female total 32,000 as per 2011 census (44,000 extrapolated for 2024) The literacy rate is Average :94.12 % which is more than the national average

It seems that, the city is free from industrial harmful- gas effluents.

**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).

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



Technical staff



Convener  
Environment Audit Team

Place : Bhatkal

24/6/2024



PRINCIPAL

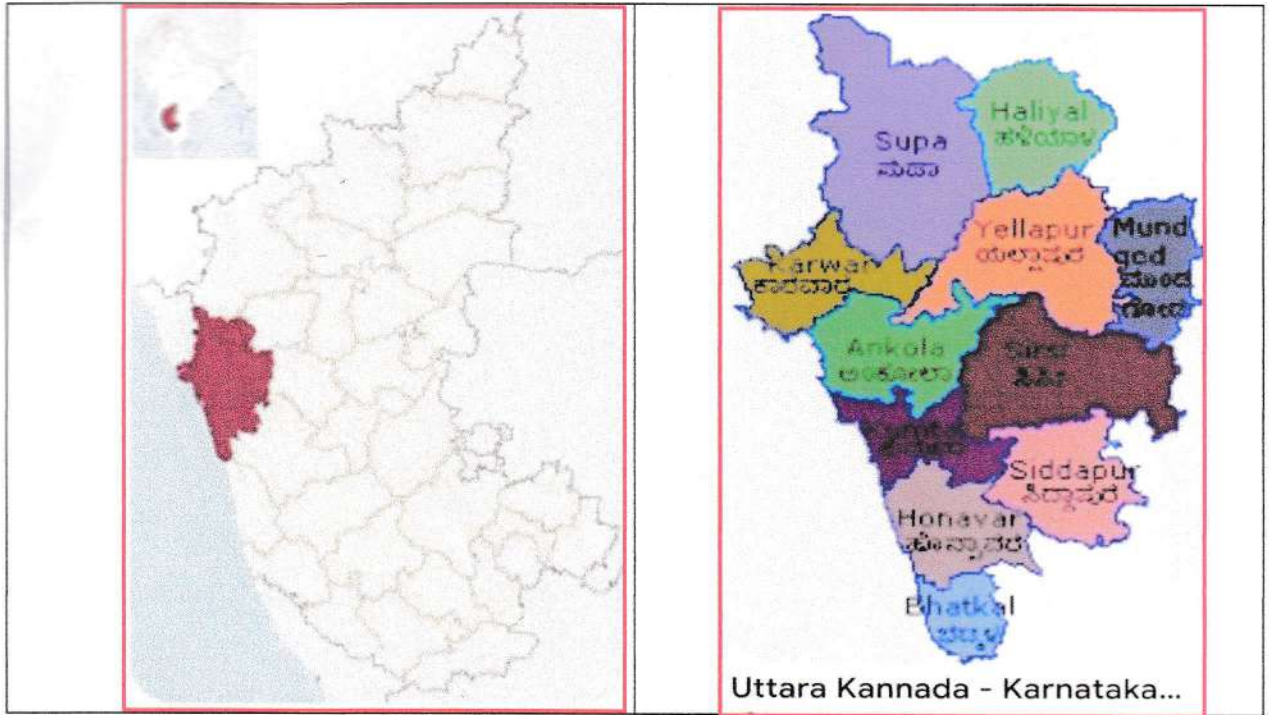
Anjuman Arts, Science & Commerce  
College BHATKAL (U K ) 581320

## MAIN BUILDING OF THE COLLEGE

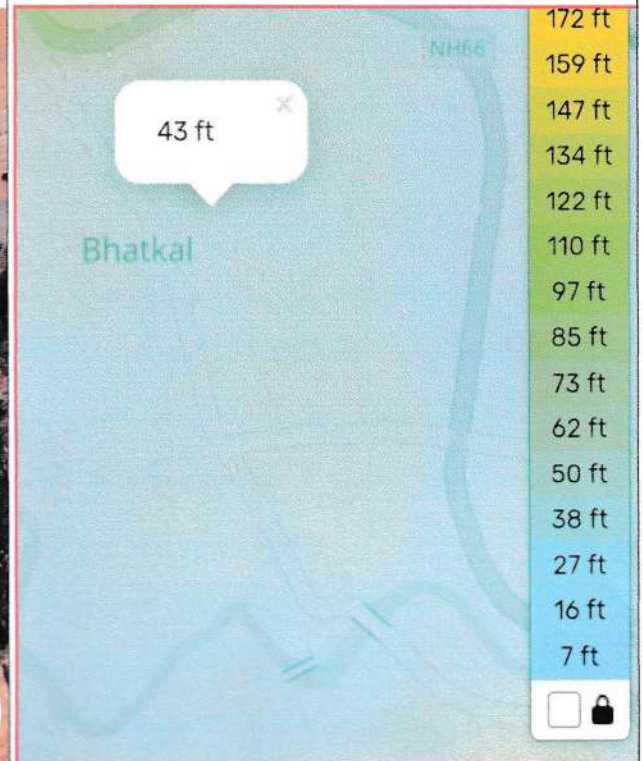


*Bel*

## LOCATION DETAILS



*[Signature]*



91

**Moderate**

Primary Pollutant: PM2.5



Air Quality Index

#### Summary

Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.

#### Primary Pollutant



**Moderate**

PM2.5

(Particulate matter less than 2.5 microns)

28.32 µg/m³

#### All Pollutants



**Moderate**

PM2.5 (Particulate matter less than 2.5 microns)

28.32 µg/m³



**Good**

CO (Carbon Monoxide)

200 µg/m³



**Good**

NO2 (Nitrogen Dioxide)

1.56 µg/m³



**Moderate**

O3 (Ozone)

121.62 µg/m³



**Good**

PM10 (Particulate matter less than 10 microns)

48.93 µg/m³



**Good**

SO2 (Sulfur Dioxide)

2.93 µg/m³



*Signature*



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Cell No: 99024 28248, Reg No: UD-KR-04-058972

## GEOGRAPHICAL PARAMETERS

1. Altitude from sea level : 13.1 meter 969m (43 ft)
2. Latitude : 13.9993 N.
3. Longitude: 74.5408 E.
4. Geographical location: Venkatapur ( western flow Joining Arabian sea)
5. Weather zone : *Koppen Gieger* - Tropical wet Aw
6. Topo sheet : enclosed
7. Perennial water flow direction : N-S and S-N
8. Ridge points in Campus : No
9. Low Contour pole level : No
10. Slope of the land :1:200
11. Bhatkal : Semi Agriculture based mainly coconut .

## PHYSICAL PARAMETERS

12. Average Temperature : 18 to 38 Celsius.
13. Average rainfall: 500 to 1034 mm.
14. Peak rainy month : July-August
15. Snow fall : Nil
16. /Gust / Wind speed: 8 to 32 km/h
17. Average pressure : 1008 to 1012 mb
18. Least pressure : June
19. Max pressure: January
20. UV Index : 5 to 7 normal
21. Average Humidity : 25 % to 80%
22. Least humid period : Jan to May
23. Ave Sun days :85 to 310 hours
24. Clear Visibility : up to 5.5 to 9 km



*Bel*

## SUSTANABLE POLLUTION LEVELS

|                                                  |                                  |                                         |
|--------------------------------------------------|----------------------------------|-----------------------------------------|
| 25. AQI level : 91                               | Moderate                         | (Acceptable as per MoEF)                |
| 26. RPM : : 91                                   | 28.32 $\mu\text{g m}^{-3}$ Good  | ( 605 $\mu\text{gm}^{-3}$ as per MoEF.) |
| 27. CO level: 2                                  | 200 $\mu\text{g m}^{-3}$ Good    | ( 250 $\mu\text{g m}^{-3}$ as per MoEF) |
| 28. NO <sub>x</sub> level : 1                    | 1.56 $\mu\text{g m}^{-3}$ Good   | (80 $\mu\text{gm}^{-3}$ as per MoEF)    |
| 29. O <sub>3</sub> level : 51                    | 121.62 $\mu\text{g m}^{-3}$ Good | ( 200 $\mu\text{gm}^{-3}$ as per MoEF)  |
| 30. SPM : 39                                     | 40.03 $\mu\text{gm}^{-3}$ Good   | (100 $\mu\text{gm}^{-3}$ as per MoEF)   |
| 31. SO <sub>x</sub> level : 1.00                 | 2.93 $\mu\text{gm}^{-3}$ Good    | ( 50 $\mu\text{gm}^{-3}$ as per MoEF.)  |
| 32. The pollution levels : within the safe range |                                  | (as per MoEF standard)                  |
| 33. dB level: around 45 to 55                    | 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 : 5.82 to 7.8
- 37. **Water quality** : ( Water is used from dug well in the campus /Municipal water for drinking purpose )
- 38. Greenery in the campus : Appreciable

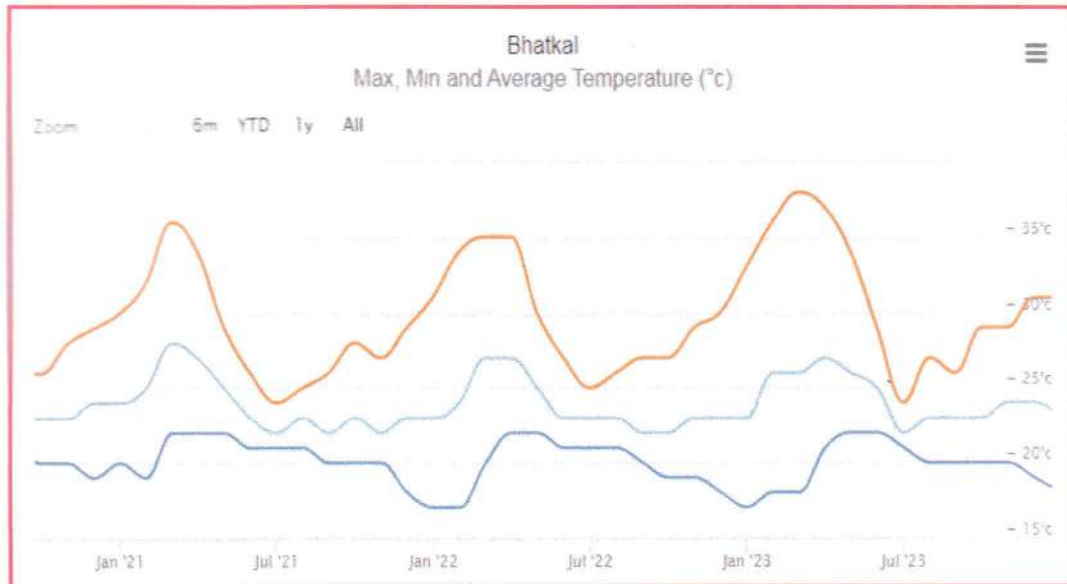
## MISCELLANEOUS

- 39. Max Hottest day 27<sup>th</sup> April 12.29 PM + 5.30 GMT
- 40. Max Humid day 15<sup>th</sup> Aug 12.37 PM + 5.30 GMT
- 41. Distance from Equator 1532.37 km
- 42. Distance from Tropic Cancer 1049.03 km
- 43. Electromagnetic Radiation < 40 $\mu\text{T}$  (safe as per the BIS standards).

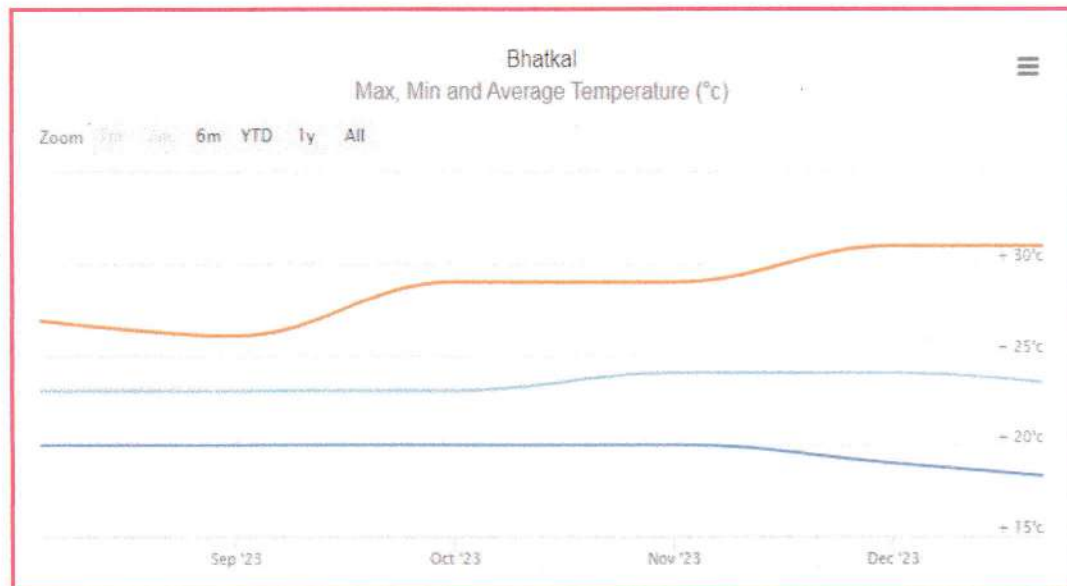


A handwritten signature in blue ink, appearing to be "Raj".

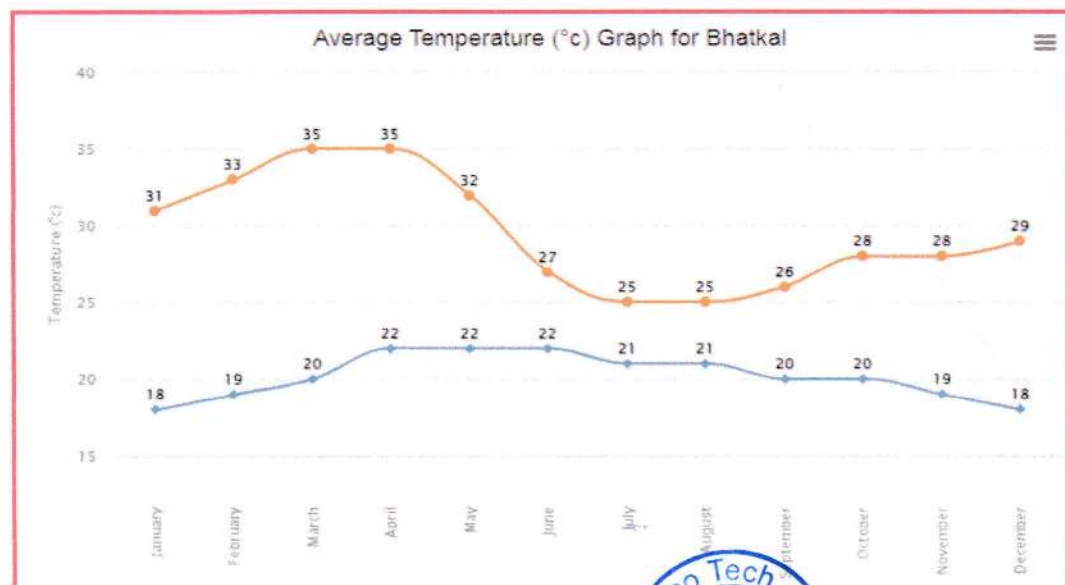
### 1 Average Temperature last three years



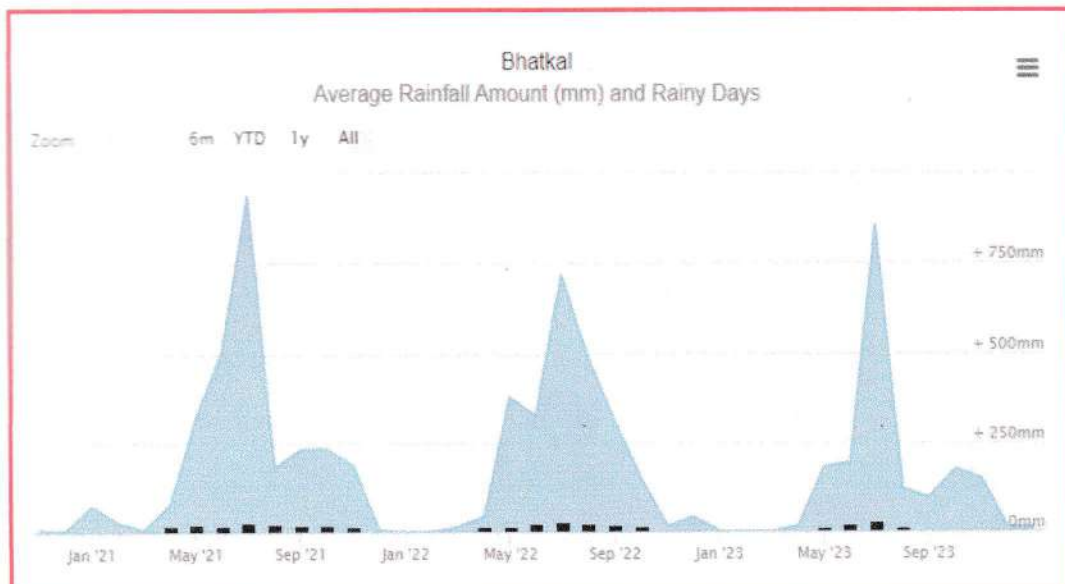
### 2 Average temperature last three months



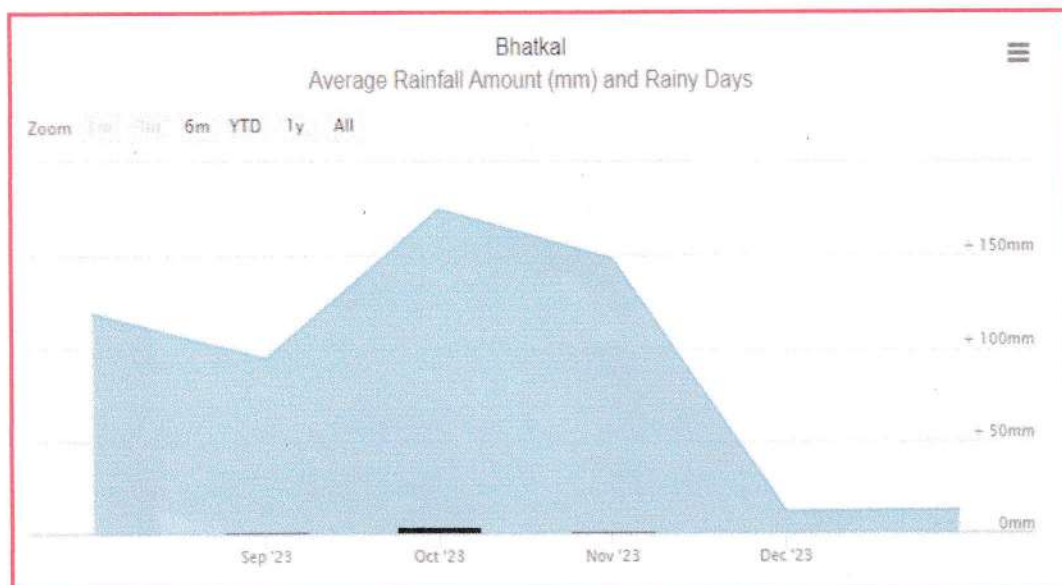
### 3 Monthly average temperature



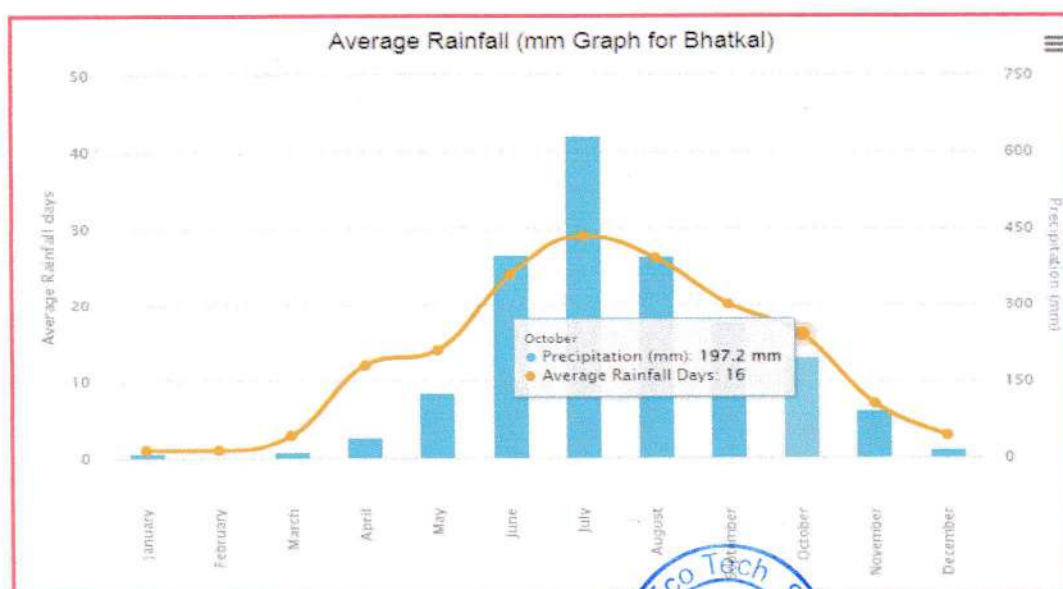
4 Average rain fall Rain fall lain (last three years)



5 5) Average Rain fall rain fall ( last three months)

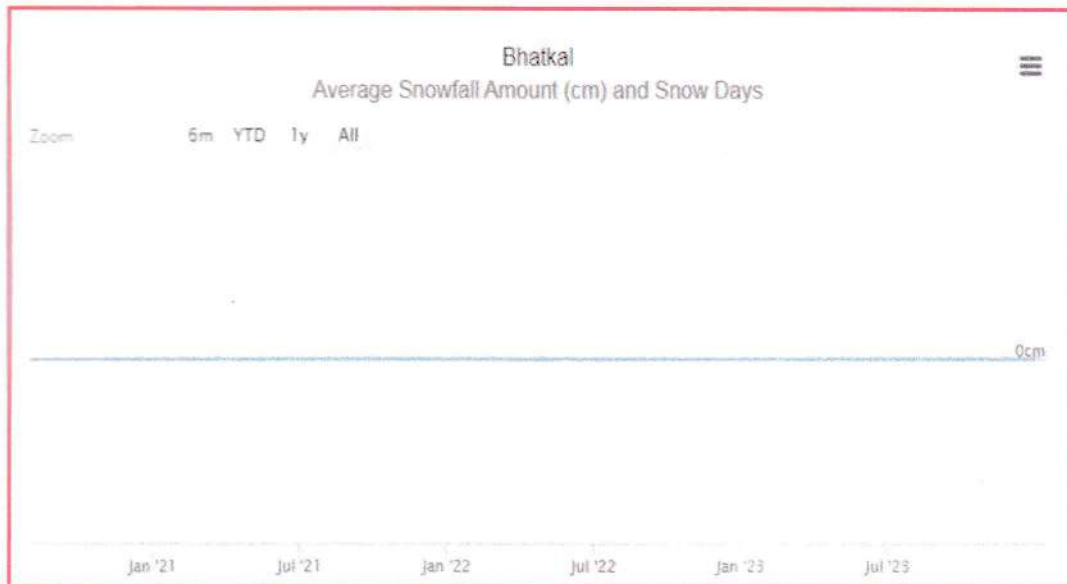


6 6) Monthly average rain fall

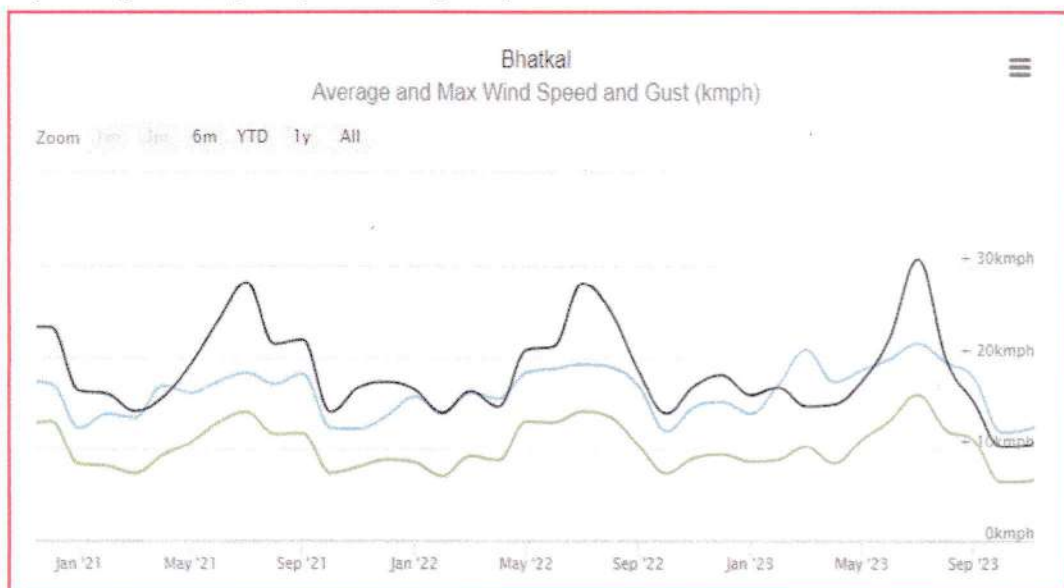


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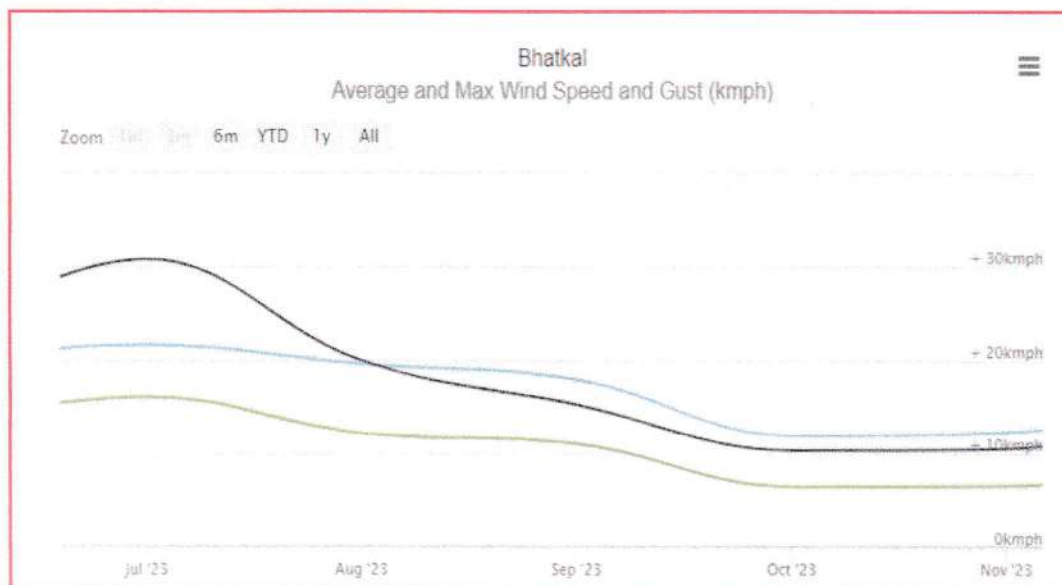
7 7) Snow fall



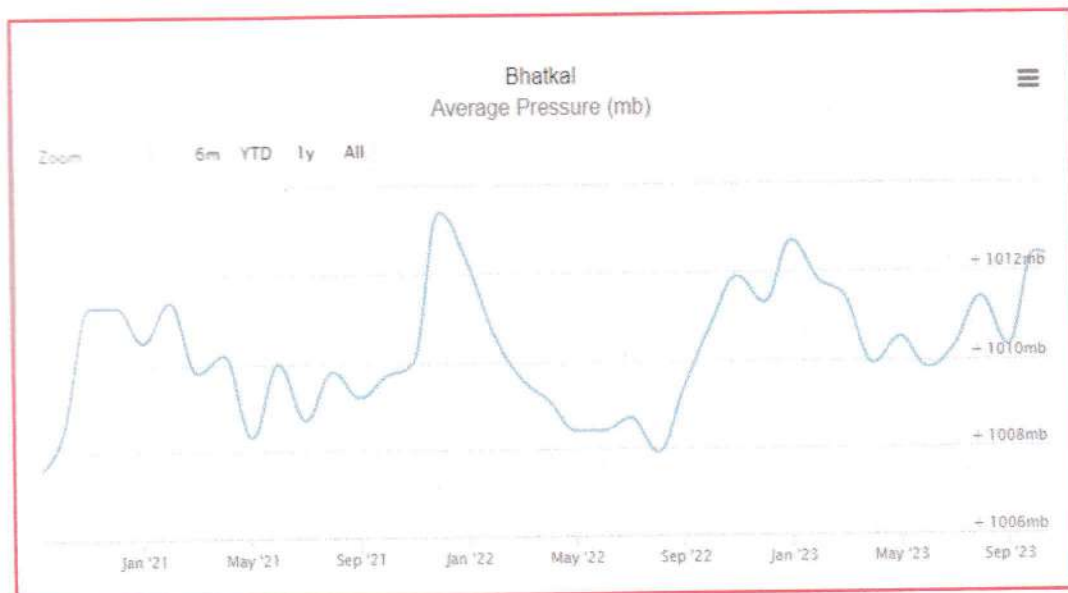
8 8) Average wind speed (last three years )



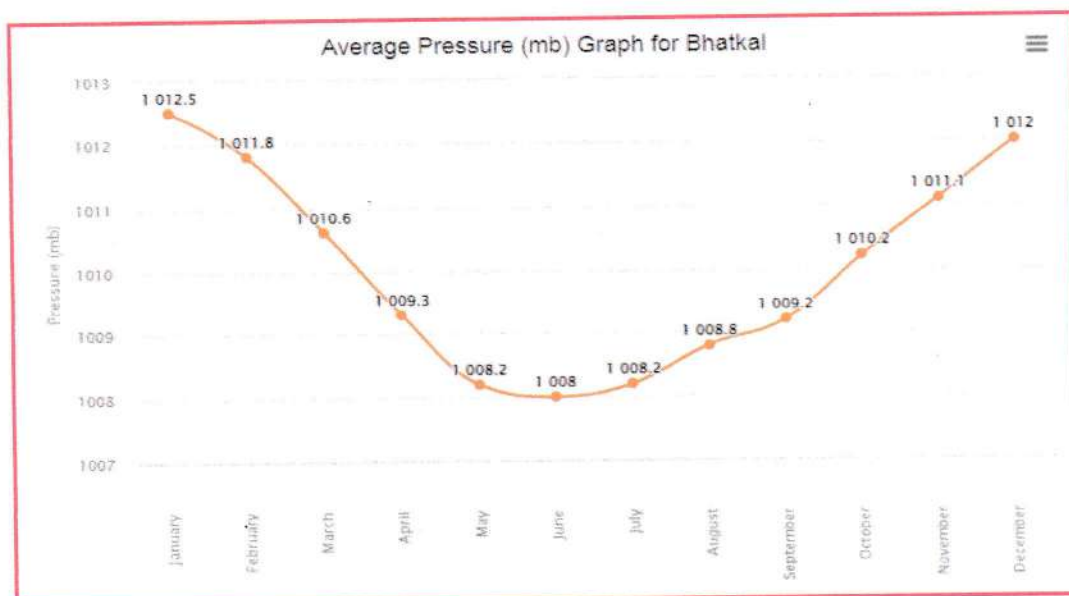
9 10) Average wind speed (last three months)



10 Average pressure (last three years)



11 Average pressure (last three months)



12 Average cloud and Humidity ( last three years)

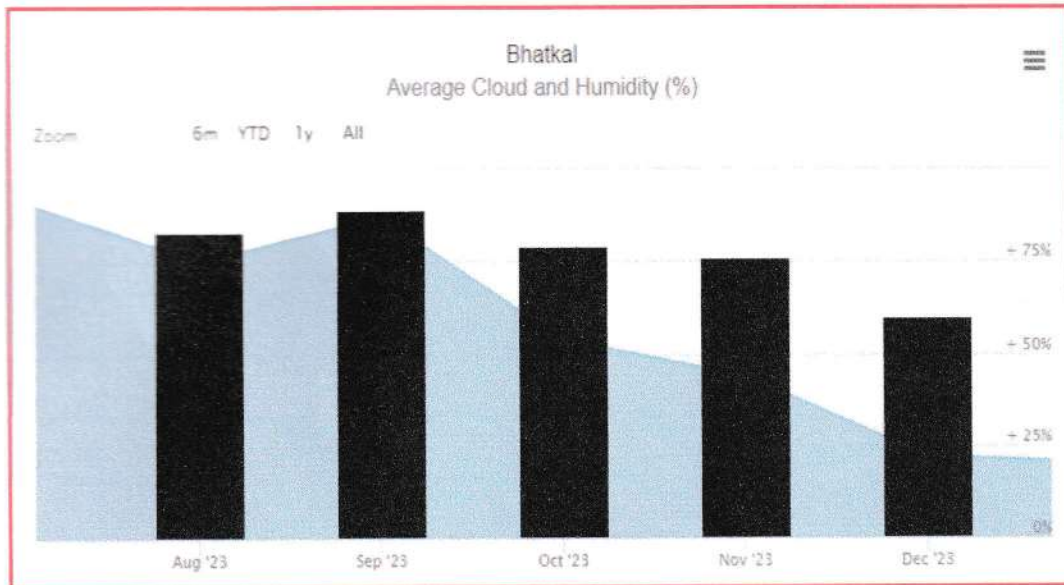


13  
14

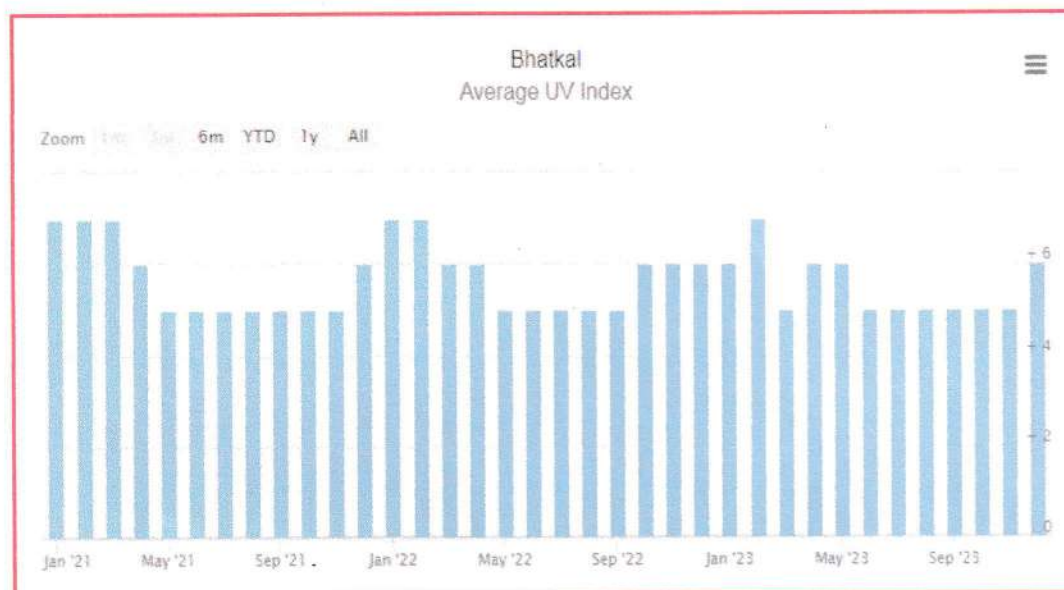
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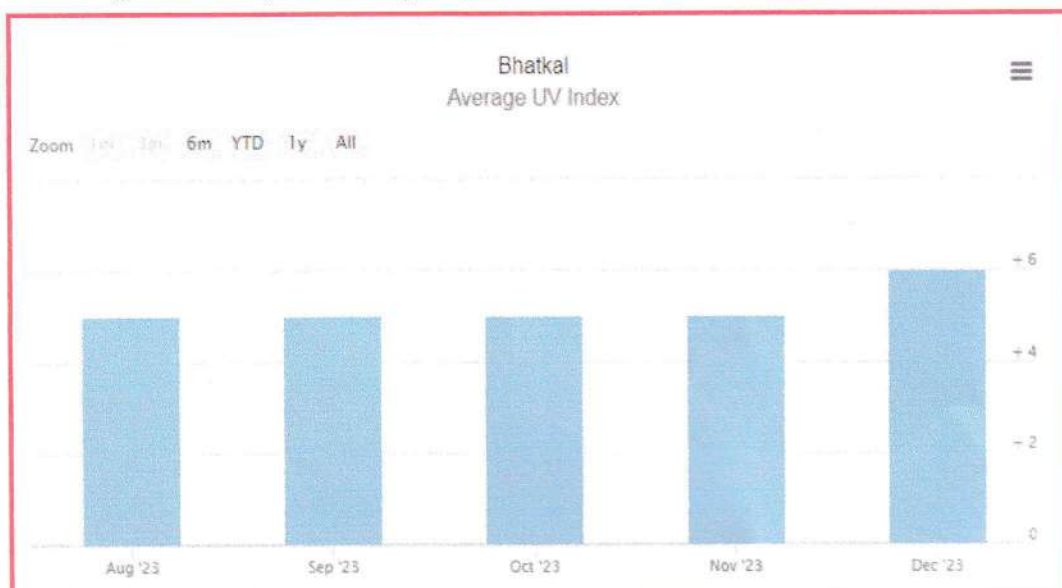
### 13 Average cloud and Humidity ( last three years)



### 14 AverageUV index cloud and Humidity ( last three years)



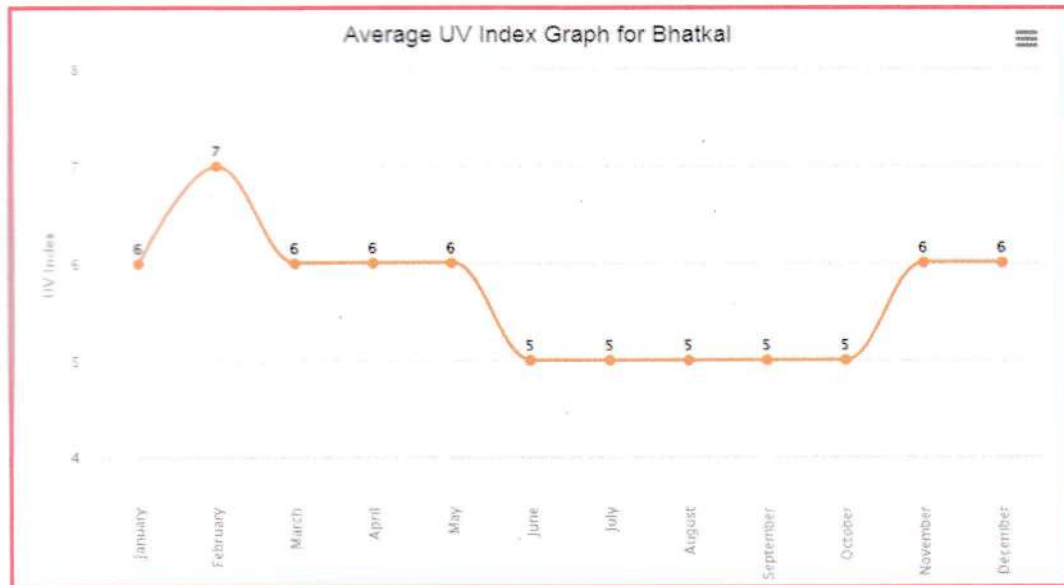
### 15 Average UV index ( last three years)



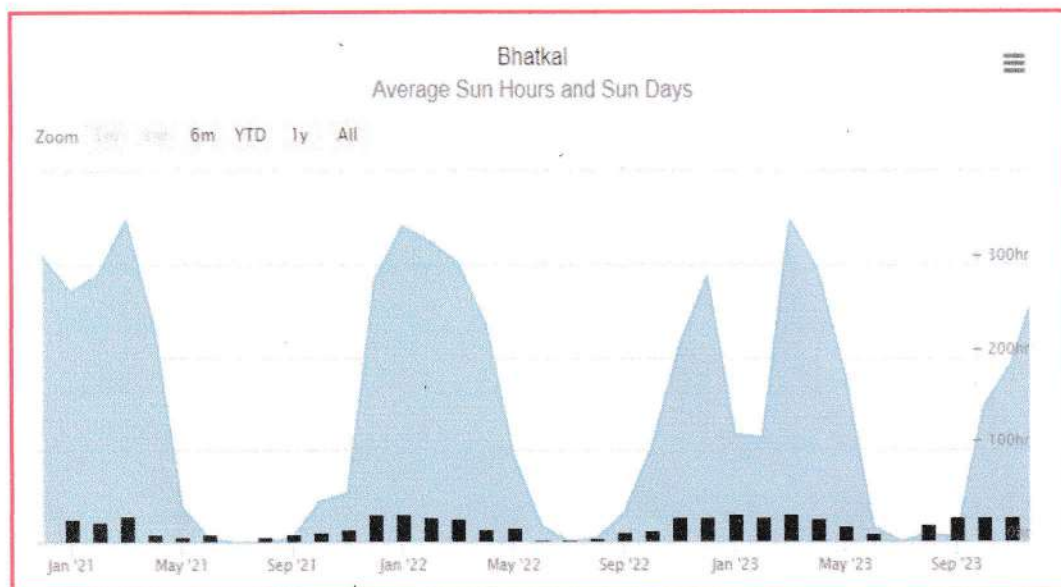
*Handwritten signature*



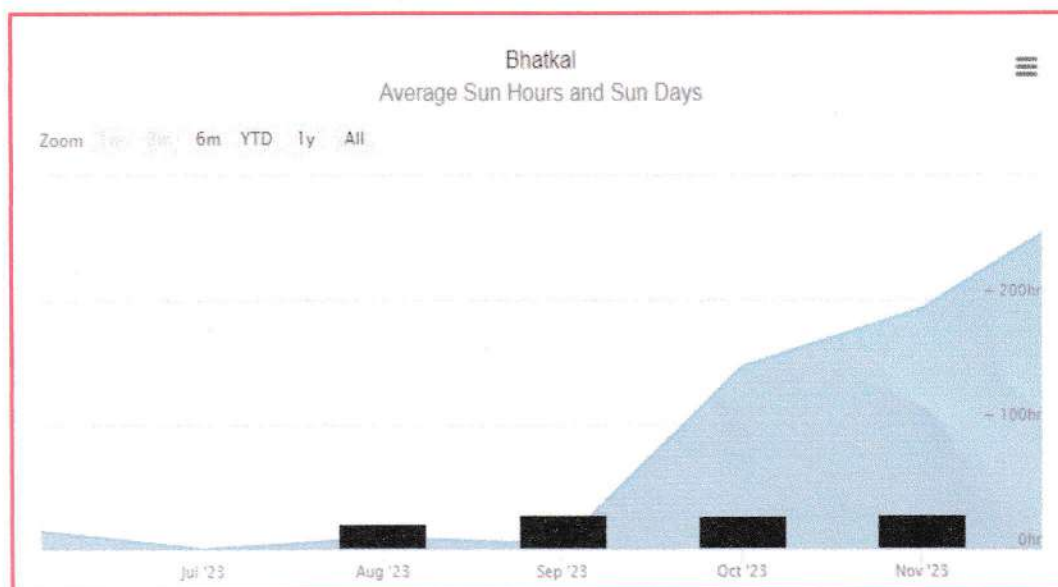
## 16 Average UV index (IMonthly)



## 17 Average Sun hours an sun days ( last three years)

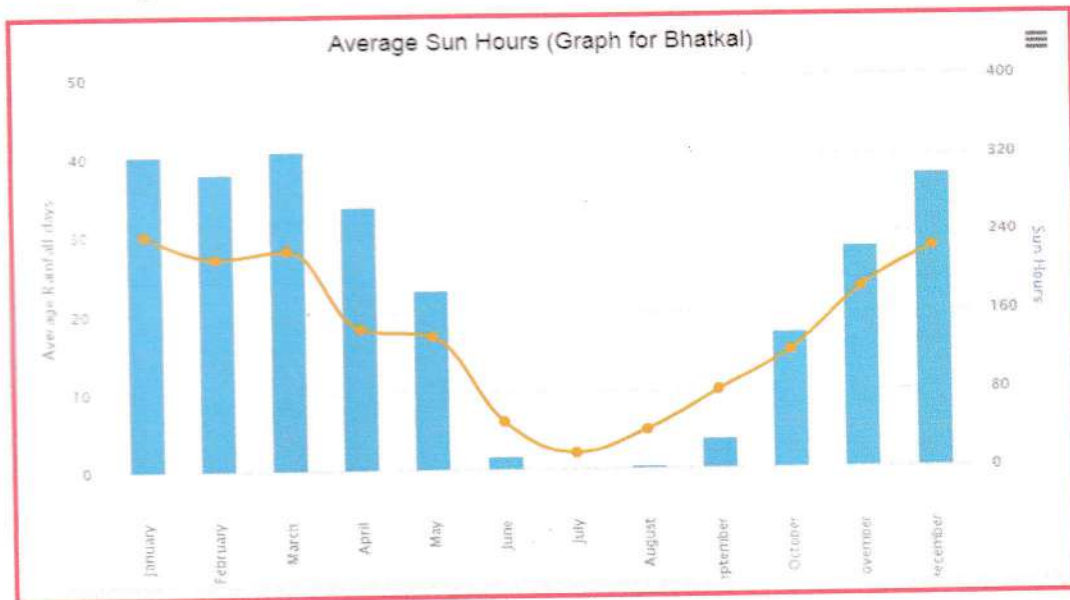


## 18 Average Sun hours an sun days ( last three months)



*Signature*

## 19 Average Sun Hours



## 20 Average visibility (last three months )

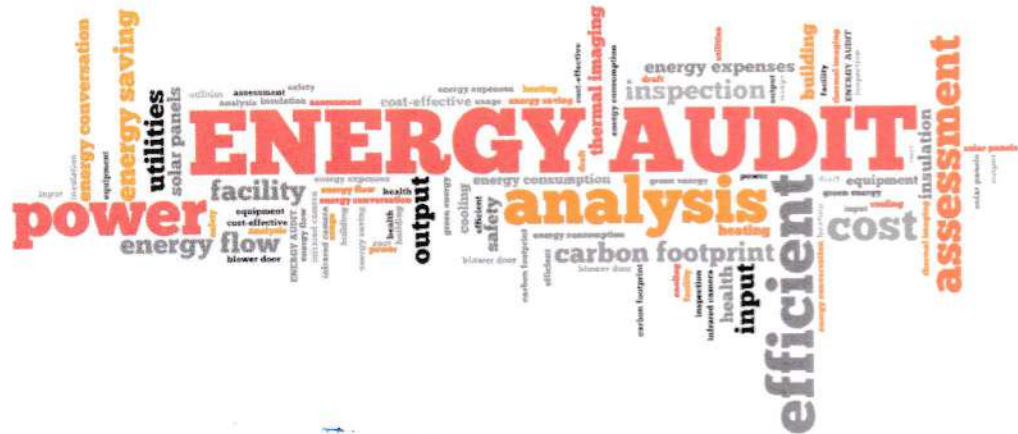


## 21 Average Visibility Monthly





# ENERGY AUDIT



Ans

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



UKAI-GLHV-23-169178



#2311.I - Cross Mahantesh Nagar, BELGAUM - 16  
e-mail: [beecubeSI@gmail.com](mailto:beecubeSI@gmail.com)  
Cell No: 9902428248, Reg No: UD-KR-04-058972

## ENRGY AUDIT REPORT

This is to certify that, *Our Audit Team* has visited AHM's Anjuman Arts, Science and Commerce College, BHATKAL Commerce College, **MUDALAGI** i Dist: Uttara Kannada **581 320** and undertook the "*Environment Audit*" of college campus. It seems that, the city is free from industrial harmful- gas effluents.

| S.No                                                                                              | Year    | Average Power units consumed | Remarks                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------|---------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                                                                 | 2019    | 975                          | A graphical analysis shows that there is initial increase in the beginning. It is found that there is "decreasing trend in the year because of adopting new technology and by using modern electric appliances |
| 2                                                                                                 | 2020    | 647                          |                                                                                                                                                                                                                |
| 3                                                                                                 | 2021    | 1028                         |                                                                                                                                                                                                                |
| 4                                                                                                 | 2022    | 1462                         |                                                                                                                                                                                                                |
| 5                                                                                                 | 2023    | 1346                         |                                                                                                                                                                                                                |
|                                                                                                   | Average | 1091                         |                                                                                                                                                                                                                |
| *Achievement                                                                                      |         |                              | -7.93% as compared to last max reading                                                                                                                                                                         |
| *Note : However conservation of electric energy is followed (Adopting modern electric appliances) |         |                              |                                                                                                                                                                                                                |

The details of consumer bills and analysis of electric bills are submitted  
And related charts and their importance are submitted to the college.

  
Technical staff

  
Convener  
Environment Audit Team

Place : Bhatkal  
24/6/2024



  
**PRINCIPAL**  
Anjuman Arts, Science & Commerce  
College, BHATKAL (U K ) 581320



# Hubli Electricity Supply Company Limited

## CONSUMER HISTORY STATEMENT

Statement showing the Consumer Transactions from 31-03-2018 to 31-12-2023

|                      |                                                   |                     |             |
|----------------------|---------------------------------------------------|---------------------|-------------|
| Sub Division         | Bhatkal Sub-Division                              | DTC Name            |             |
| Account ID / RR NO.  | 7068990000 / 1608                                 | Sanctioned Load(KW) | 18          |
| Meter Reading Day    | 11                                                | Sanctioned Load(HP) |             |
| Name of the Consumer | SECRETARY ANJUMAN ARTS SCN. COLLEGE               | Date Of Service     | 25-OCT-2003 |
| Address              |                                                   |                     |             |
| Nature of Usage      | SAGAR ROAD, BHATKAL,,<br>Educational Institutions |                     |             |

| Sl. No. | MONTH  | TARIFF | PRESENT READING<br>(Units) | PREVIOUS READING<br>(Units) | CONSUMPTION<br>(Units) | READ STATUS | PAYMENT AMOUNT<br>(Rs.) | RECEIPT NO.  | RECEIPT DATE |
|---------|--------|--------|----------------------------|-----------------------------|------------------------|-------------|-------------------------|--------------|--------------|
| 1       | MAR-18 | 5LT2B1 | 48898                      | 47520                       | 1378                   | Normal      | -12274.00               | 706899075536 | 21-MAR-18    |
| 2       | APR-18 | 5LT2B1 | 50219                      | 48898                       | 1321                   | Normal      | -12224.00               | 706899099251 | 23-APR-18    |
| 3       | MAY-18 | 5LT2B1 | 51460                      | 50219                       | 1241                   | Normal      | -11577.00               | 706899020154 | 23-MAY-18    |
| 4       | MAY-18 | 5LT2B1 | 51460                      | 50219                       | 1241                   | Normal      | -10920.00               | 706899020154 | 23-MAY-18    |
| 5       | JUN-18 | 5LT2B1 | 52358                      | 51460                       | 898                    | Normal      | 0.00                    | 790587432932 | 21-JUN-18    |
| 6       | JUL-18 | 5LT2B1 | 53666                      | 52358                       | 1308                   | Normal      | 0.00                    | 706899031778 | 23-JUL-18    |
| 7       | AUG-18 | 5LT2B1 | 54786                      | 53666                       | 1120                   | Normal      | -30796.00               | 706899051492 | 20-AUG-18    |
| 8       | SEP-18 | 5LT2B1 | 55755                      | 54786                       | 969                    | Normal      | 0.00                    | 706899033358 | 20-SEP-18    |
| 9       | OCT-18 | 5LT2B1 | 56842                      | 55755                       | 1087                   | Normal      | -9294.00                | 706899064292 | 22-OCT-18    |
| 10      | NOV-18 | 5LT2B1 | 57664                      | 56842                       | 822                    | Normal      | -10404.00               | 790587404227 | 29-NOV-18    |
| 11      | DEC-18 | 5LT2B1 | 58589                      | 57664                       | 925                    | Normal      | -8085.00                | 706899085036 | 24-DEC-18    |
| 12      | JAN-19 | 5LT2B1 | 59554                      | 58589                       | 965                    | Normal      | -8998.00                | 706899045398 | 23-JAN-19    |
| 13      | FEB-19 | 5LT2B1 | 60776                      | 59554                       | 1222                   | Normal      | -9298.00                | 706899009674 | 18-FEB-19    |
| 14      | MAR-19 | 5LT2B1 | 62100                      | 60776                       | 1324                   | Normal      | -11536.00               | 706899023850 | 18-MAR-19    |
| 15      | APR-19 | 5LT2B1 | 63578                      | 62100                       | 1478                   | Normal      | -26277.00               | 706899074830 | 15-APR-19    |
| 16      | MAY-19 | 5LT2B1 | 64652                      | 63578                       | 1074                   | Normal      | 0.00                    | 706899005000 | 20-MAY-19    |
| 17      | MAY-19 | 5LT2B1 | 64652                      | 63578                       | 1074                   | Normal      | -10312.00               | 706899005000 | 20-MAY-19    |
| 18      | JUN-19 | 5LT2B1 | 65791                      | 64652                       | 1139                   | Normal      | -11310.00               | 790587405156 | 18-JUN-19    |
| 19      | JUL-19 | 5LT2B1 | 66023                      | 0                           | 333                    | Normal      | -4028.00                | 706899044832 | 18-JUL-19    |
| 20      | AUG-19 | 5LT2B1 | 101                        | 101                         | 0                      | Normal      | 0.00                    | 706899098799 | 26-AUG-19    |
| 21      | AUG-19 | 5LT2B1 | 2341                       | 101                         | 2240                   | Normal      | 0.00                    | 706899098799 | 26-AUG-19    |
| 22      | AUG-19 | 5LT2B1 | 66023                      | 0                           | 2573                   | Normal      | 0.00                    | 706899098799 | 26-AUG-19    |
| 23      | SEP-19 | 5LT2B1 | 2708                       | 2341                        | 367                    | Normal      | -21752.00               | 706899033507 | 26-SEP-19    |
| 24      | OCT-19 | 5LT2B1 | 3478                       | 2708                        | 770                    | Normal      | -12120.00               | 790587470290 | 16-OCT-19    |
| 25      | NOV-19 | 5LT2B1 | 3863                       | 3478                        | 385                    | Normal      | 0.00                    | 706899070510 | 19-NOV-19    |
| 26      | DEC-19 | 5LT2B1 | 4481                       | 3863                        | 618                    | Normal      | -4559.00                | 706899016157 | 18-DEC-19    |
| 27      | JAN-20 | 5LT2B1 | 5289                       | 4481                        | 808                    | Normal      | -6666.00                | 706899054772 | 14-JAN-20    |
| 28      | FEB-20 | 5LT2B1 | 6380                       | 5289                        | 1091                   | Normal      | -8296.00                | 790587483944 | 17-FEB-20    |
| 29      | MAR-20 | 5LT2B1 | 7467                       | 6380                        | 1087                   | Normal      | -10824.00               | 790587448052 | 16-MAR-20    |

|        |        |       |       |      |                     |           |              |           |
|--------|--------|-------|-------|------|---------------------|-----------|--------------|-----------|
| APR-20 | 5LT2B1 | 8451  | 7467  | 984  | Door Lock           | -10788.00 |              |           |
| JUN-20 | 5LT2B1 | 8208  | 7467  | 741  | Normal              | 0.00      | 706899082995 | 23-JUN-20 |
| JUL-20 | 5LT2B1 | 8450  | 8208  | 242  | Door Lock           | -9938.00  | 706899082243 | 21-JUL-20 |
| AUG-20 | 5LT2B1 | 8630  | 8208  | 422  | Normal              | -3192.00  | 739999048258 | 17-AUG-20 |
| SEP-20 | 5LT2B1 | 9048  | 8630  | 418  | Normal              | -2723.00  | 706899070963 | 15-SEP-20 |
| OCT-20 | 5LT2B1 | 9588  | 9048  | 540  | Normal              | -4816.00  | 739999063227 | 15-OCT-20 |
| NOV-20 | 5LT2B1 | 10094 | 9588  | 506  | Normal              | -5907.00  | 739999080085 | 23-NOV-20 |
| DEC-20 | 5LT2B1 | 11049 | 10094 | 955  | Normal              | -5603.00  | 706899002686 | 15-DEC-20 |
| JAN-21 | 5LT2B1 | 12267 | 11049 | 1218 | Normal              | -9561.00  | 706899034597 | 18-JAN-21 |
| FEB-21 | 5LT2B1 | 13457 | 12267 | 1190 | Normal              | -12458.00 | 790587498946 | 17-FEB-21 |
| MAR-21 | 5LT2B1 | 14463 | 13457 | 1006 | Normal              | -12201.00 | 706899099318 | 16-MAR-21 |
| APR-21 | 5LT2B1 | 15241 | 14463 | 778  | Normal              | -10509.00 | 706899095634 | 15-APR-21 |
| MAY-21 | 5LT2B1 | 15651 | 15241 | 410  | Normal              | -8381.00  | 706899099778 | 24-MAY-21 |
| JUN-21 | 5LT2B1 | 15700 | 15651 | 49   | Normal              | -5011.00  | 706899023747 | 28-JUN-21 |
| JUN-21 | 5LT2B1 | 16343 | 15651 | 692  | Normal              | 0.00      | 706899023747 | 28-JUN-21 |
| JUL-21 | 5LT2B1 | 16916 | 16343 | 573  | Normal              | -7237.00  | 790587429180 | 15-JUL-21 |
| AUG-21 | 5LT2B1 | 17856 | 16916 | 940  | Normal              | -6591.00  | 706899030610 | 14-AUG-21 |
| SEP-21 | 5LT2B1 | 18591 | 17856 | 735  | Normal              | -9823.00  | 706899059865 | 16-SEP-21 |
| OCT-21 | 5LT2B1 | 19424 | 18591 | 833  | Normal              | -8014.00  | 706899088473 | 16-OCT-21 |
| NOV-21 | 5LT2B1 | 20550 | 19424 | 1126 | Normal              | -9502.00  | 706899020425 | 20-NOV-21 |
| DEC-21 | 5LT2B1 | 21771 | 20550 | 1221 | Normal              | -12226.00 | 706899056757 | 16-DEC-21 |
| JAN-22 | 5LT2B1 | 23021 | 21771 | 1250 | Normal              | -12755.00 | 739999069597 | 14-JAN-22 |
| FEB-22 | 5LT2B1 | 24210 | 23021 | 1189 | Normal              | -13109.00 | 706899058526 | 14-FEB-22 |
| MAR-22 | 5LT2B1 | 25054 | 24210 | 844  | Normal              | -12544.00 | 706899069460 | 16-MAR-22 |
| APR-22 | 5LT2B1 | 26280 | 25054 | 1226 | Normal              | -9347.00  | 706899080892 | 16-APR-22 |
| MAY-22 | 5LT2B1 | 27335 | 26280 | 1055 | Normal              | -12886.00 | 706899095572 | 16-MAY-22 |
| JUN-22 | 5LT2B1 | 28647 | 27335 | 1312 | Normal              | -11720.00 | 706899093979 | 16-JUN-22 |
| JUL-22 | 5LT2B1 | 30171 | 28647 | 1524 | Normal              | -13789.00 | 706899086925 | 21-JUL-22 |
| AUG-22 | 5LT2B1 | 31454 | 30171 | 1283 | Reading Not Visible | -16502.00 | 706899085227 | 22-AUG-22 |
| SEP-22 | 5LT2B1 | 32433 | 30171 | 2262 | Normal              | -14191.00 | 706899001076 | 16-SEP-22 |
| OCT-22 | 5LT2B1 | 33543 | 32433 | 1110 | Normal              | -11401.00 | 706899069311 | 18-OCT-22 |
| NOV-22 | 5LT2B1 | 34828 | 33543 | 1285 | Normal              | -12920.00 | 706899048162 | 16-NOV-22 |
| DEC-22 | 5LT2B1 | 36285 | 34828 | 1457 | Normal              | -14660.00 | 706899074221 | 17-DEC-22 |
| JAN-23 | 5LT2B1 | 37502 | 36285 | 1217 | Normal              | -16369.00 | 706899035411 | 16-JAN-23 |
| FEB-23 | 5LT2B1 | 38715 | 37502 | 1213 | Normal              | -13923.00 | 706899049940 | 16-FEB-23 |
| MAR-23 | 5LT2B1 | 39398 | 38715 | 683  | Normal              | -13883.00 | 706899078711 | 16-MAR-23 |
| APR-23 | 5LT2B1 | 40555 | 39398 | 1157 | Normal              | -8642.00  | 706899025560 | 27-APR-23 |
| MAY-23 | 5LT2B1 | 41785 | 40555 | 1230 | Normal              | -13330.00 | 706899051751 | 16-MAY-23 |
| MAY-23 | 5LT2B1 | 41785 | 40555 | 1230 | Normal              | -14060.00 | 706899051751 | 16-MAY-23 |
| JUN-23 | 5LT2B1 | 43613 | 41785 | 1828 | Normal              | 0.00      |              |           |
| JUL-23 | 5LT2B1 | 44497 | 43613 | 884  | Normal              | -23297.00 | 706899062799 | 08-JUL-23 |
| JUL-23 | 5LT2B1 | 44497 | 43613 | 884  | Normal              | -23297.00 | 706899076031 | 17-JUL-23 |
| AUG-23 | 5LT2B1 | 46356 | 44497 | 1859 | Normal              | -12396.00 | 706899009208 | 24-AUG-23 |

|           |        |       |       |      |        |           |              |           |
|-----------|--------|-------|-------|------|--------|-----------|--------------|-----------|
| SEP-23    | 5LT2B1 | 47771 | 46356 | 1415 | Normal | 0.00      | 706899004919 | 23-SEP-23 |
| OCT-23    | 5LT2B1 | 48877 | 47771 | 1106 | Normal | -40117.00 | 706899022610 | 21-OCT-23 |
| NOV-23    | 5LT2B1 | 50038 | 48877 | 1161 | Normal | -14397.00 | 706899025509 | 22-NOV-23 |
| 76 DEC-23 | 5LT2B1 | 50772 | 50038 | 734  | Normal | -14081.00 | 706899001010 | 26-DEC-23 |

  
**PRINCIPAL**  
 Anjuman Arts, Science & Commerce  
 College BHATKAL (U.K.) 581320



  
 Assistant Accounts Officer  
 Bhatkal Sub-Division  
 ಕಾರ್ಯದರ್ಶಿ ಮತ್ತು ಪಾಲನಾ ಉಪ ವಿಭಾಗ  
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# Hubli Electricity Supply Company Limited

## CONSUMER HISTORY STATEMENT

Statement showing the Consumer Transactions from 31-03-2018 to 31-12-2023

|                      |                                                               |                     |             |
|----------------------|---------------------------------------------------------------|---------------------|-------------|
| Sub Division         | Bhatkal Sub-Division                                          | DTC Name            |             |
| Account ID / RR NO.  | 7905874797 / AEH23430                                         | Sanctioned Load(KW) | 7           |
| Meter Reading Day    | 11                                                            | Sanctioned Load(HP) | 0           |
| Name of the Consumer | THE PRINCIPAL                                                 | Date Of Service     | 27-SEP-2007 |
| Address              | ANJUMAN ARTS SCIENCE<br>COMMERCE COLLEGE<br>LIBRARY BUILDING, |                     |             |
| Nature of Usage      | Educational Institutions                                      |                     |             |

| Sl. No. | MONTH  | TARIFF | PRESENT READING (Units) | PREVIOUS READING (Units) | CONSUMPTION (Units) | READ STATUS | PAYMENT AMOUNT (Rs.) | RECEIPT NO.  | RECEIPT DATE |
|---------|--------|--------|-------------------------|--------------------------|---------------------|-------------|----------------------|--------------|--------------|
| 1       | MAR-18 | 5LT2B1 | 21790                   | 21692                    | 98                  | Normal      | -1227.00             | 706899075536 | 21-MAR-18    |
| 2       | APR-18 | 5LT2B1 | 21899                   | 21790                    | 109                 | Normal      | -1073.00             | 706899099251 | 23-APR-18    |
| 3       | MAY-18 | 5LT2B1 | 21939                   | 21899                    | 40                  | Normal      | -1136.00             | 706899020154 | 23-MAY-18    |
| 4       | MAY-18 | 5LT2B1 | 21939                   | 21899                    | 40                  | Normal      | -661.00              | 706899020154 | 23-MAY-18    |
| 5       | JUN-18 | 5LT2B1 | 21989                   | 21939                    | 50                  | Normal      | 0.00                 | 790587432932 | 21-JUN-18    |
| 6       | JUL-18 | 5LT2B1 | 22092                   | 21989                    | 103                 | Normal      | -888.00              | 706899031778 | 23-JUL-18    |
| 7       | AUG-18 | 5LT2B1 | 22206                   | 22092                    | 114                 | Normal      | -1868.00             | 706899051492 | 20-AUG-18    |
| 8       | SEP-18 | 5LT2B1 | 22280                   | 22206                    | 74                  | Normal      | 0.00                 | 790587432021 | 20-SEP-18    |
| 9       | OCT-18 | 5LT2B1 | 22353                   | 22280                    | 73                  | Normal      | -995.00              | 706899064292 | 22-OCT-18    |
| 10      | NOV-18 | 5LT2B1 | 22381                   | 22353                    | 28                  | Normal      | -994.00              | 790587404227 | 29-NOV-18    |
| 11      | DEC-18 | 5LT2B1 | 22437                   | 22381                    | 56                  | Normal      | -662.00              | 706899085036 | 24-DEC-18    |
| 12      | JAN-19 | 5LT2B1 | 22518                   | 22437                    | 81                  | Normal      | -869.00              | 790587458432 | 23-JAN-19    |
| 13      | FEB-19 | 5LT2B1 | 22578                   | 22518                    | 60                  | Normal      | -1050.00             | 706899009674 | 18-FEB-19    |
| 14      | MAR-19 | 5LT2B1 | 22639                   | 22578                    | 61                  | Normal      | -896.00              | 706899023850 | 18-MAR-19    |
| 15      | APR-19 | 5LT2B1 | 22715                   | 22639                    | 76                  | Normal      | -1921.00             | 706899074830 | 15-APR-19    |
| 16      | MAY-19 | 5LT2B1 | 22729                   | 22715                    | 14                  | Normal      | 0.00                 | 790587466302 | 20-MAY-19    |
| 17      | MAY-19 | 5LT2B1 | 22729                   | 22715                    | 14                  | Normal      | -559.00              | 790587466302 | 20-MAY-19    |
| 18      | JUN-19 | 5LT2B1 | 22760                   | 22729                    | 31                  | Normal      | -761.00              | 790587405156 | 18-JUN-19    |
| 19      | JUL-19 | 5LT2B1 | 22765                   | 0                        | 148                 | Normal      | -1194.00             | 706899044832 | 18-JUL-19    |
| 20      | AUG-19 | 5LT2B1 | 143                     | 143                      | 0                   | Normal      | 0.00                 | 706899098799 | 26-AUG-19    |
| 21      | AUG-19 | 5LT2B1 | 376                     | 143                      | 233                 | Normal      | 0.00                 | 706899098799 | 26-AUG-19    |
| 22      | SEP-19 | 5LT2B1 | 456                     | 376                      | 80                  | Normal      | -2510.00             | 706899033507 | 26-SEP-19    |
| 23      | OCT-19 | 5LT2B1 | 566                     | 456                      | 110                 | Normal      | -2354.00             | 790587470290 | 16-OCT-19    |
| 24      | NOV-19 | 5LT2B1 | 647                     | 566                      | 81                  | Normal      | 0.00                 | 706899070510 | 19-NOV-19    |
| 25      | DEC-19 | 5LT2B1 | 716                     | 647                      | 69                  | Normal      | -1147.00             | 790587464713 | 18-DEC-19    |
| 26      | JAN-20 | 5LT2B1 | 812                     | 716                      | 96                  | Normal      | -1055.00             | 706899054772 | 14-JAN-20    |

|    |    |        |      |      |     |           |          |              |           |
|----|----|--------|------|------|-----|-----------|----------|--------------|-----------|
| 1  | 20 | 5LT2B1 | 922  | 812  | 110 | Normal    | -1252.00 | 790587483944 | 17-FEB-20 |
| 2  | 20 | 5LT2B1 | 1015 | 922  | 93  | Normal    | -1358.00 | 790587448052 | 16-MAR-20 |
| 3  | 20 | 5LT2B1 | 1114 | 1015 | 99  | Door Lock | -1229.00 |              |           |
| 4  | 20 | 5LT2B1 | 1065 | 1015 | 50  | Normal    | 0.00     | 706899082995 | 23-JUN-20 |
| 5  | 20 | 5LT2B1 | 1081 | 1065 | 16  | Door Lock | -1993.00 | 706899082243 | 21-JUL-20 |
| 32 | 20 | 5LT2B1 | 1070 | 1065 | 5   | Normal    | -636.00  | 739999048258 | 17-AUG-20 |
| 33 | 20 | 5LT2B1 | 1207 | 1070 | 137 | Normal    | -459.00  | 790587450824 | 15-SEP-20 |
| 34 | 20 | 5LT2B1 | 1284 | 1207 | 77  | Normal    | -1564.00 | 739999063227 | 15-OCT-20 |
| 35 | 20 | 5LT2B1 | 1328 | 1284 | 44  | Normal    | -1109.00 | 739999080085 | 23-NOV-20 |
| 36 | 20 | 5LT2B1 | 1369 | 1328 | 41  | Normal    | -859.00  | 706899002686 | 15-DEC-20 |
| 37 | 21 | 5LT2B1 | 1668 | 1369 | 299 | Normal    | -353.00  | 706899034597 | 18-JAN-21 |
| 38 | 21 | 5LT2B1 | 1965 | 1668 | 297 | Normal    | -3072.00 | 790587498946 | 17-FEB-21 |
| 39 | 21 | 5LT2B1 | 2197 | 1965 | 232 | Normal    | -3054.00 | 706899099318 | 16-MAR-21 |
| 40 | 21 | 5LT2B1 | 2582 | 2197 | 385 | Normal    | -2456.00 | 790587472342 | 15-APR-21 |
| 41 | 21 | 5LT2B1 | 2753 | 2582 | 171 | Normal    | -3848.00 | 790587401882 | 24-MAY-21 |
| 42 | 21 | 5LT2B1 | 2753 | 2753 | 0   | Normal    | -1928.00 | 706899023747 | 28-JUN-21 |
| 43 | 21 | 5LT2B1 | 2836 | 2753 | 83  | Normal    | 0.00     | 706899023747 | 28-JUN-21 |
| 44 | 21 | 5LT2B1 | 2859 | 2836 | 23  | Normal    | -839.00  | 790587429180 | 15-JUL-21 |
| 45 | 21 | 5LT2B1 | 2931 | 2859 | 72  | Normal    | -873.00  | 790587471396 | 14-AUG-21 |
| 46 | 21 | 5LT2B1 | 2989 | 2931 | 58  | Normal    | -1237.00 | 790587413363 | 16-SEP-21 |
| 47 | 21 | 5LT2B1 | 3037 | 2989 | 48  | Normal    | -1133.00 | 790587459161 | 16-OCT-21 |
| 48 | 21 | 5LT2B1 | 3123 | 3037 | 86  | Normal    | -1200.00 | 790587463229 | 20-NOV-21 |
| 49 | 21 | 5LT2B1 | 3244 | 3123 | 121 | Normal    | -1488.00 | 790587418963 | 16-DEC-21 |
| 50 | 22 | 5LT2B1 | 3374 | 3244 | 130 | Normal    | -1648.00 | 739999069597 | 14-JAN-22 |
| 51 | 22 | 5LT2B1 | 3513 | 3374 | 139 | Normal    | -1727.00 | 790587433744 | 14-FEB-22 |
| 52 | 22 | 5LT2B1 | 3684 | 3513 | 171 | Normal    | -1798.00 | 790587458365 | 16-MAR-22 |
| 53 | 22 | 5LT2B1 | 3820 | 3684 | 136 | Normal    | -2051.00 | 790587434023 | 16-APR-22 |
| 54 | 22 | 5LT2B1 | 3931 | 3820 | 111 | Normal    | -1775.00 | 790587408070 | 16-MAY-22 |
| 55 | 22 | 5LT2B1 | 4106 | 3931 | 175 | Normal    | -1723.00 | 790587459445 | 16-JUN-22 |
| 56 | 22 | 5LT2B1 | 4294 | 4106 | 188 | Normal    | -1864.00 | 790587477716 | 21-JUL-22 |
| 57 | 22 | 5LT2B1 | 4471 | 4294 | 177 | Normal    | -2387.00 | 790587441245 | 22-AUG-22 |
| 58 | 22 | 5LT2B1 | 4620 | 4471 | 149 | Normal    | -2296.00 | 790587449338 | 16-SEP-22 |
| 59 | 22 | 5LT2B1 | 4723 | 4620 | 103 | Normal    | -2066.00 | 790587434345 | 18-OCT-22 |
| 60 | 22 | 5LT2B1 | 4878 | 4723 | 155 | Normal    | -1723.00 | 790587494220 | 16-NOV-22 |
| 61 | 22 | 5LT2B1 | 5126 | 4878 | 248 | Normal    | -2169.00 | 790587491718 | 17-DEC-22 |
| 62 | 23 | 5LT2B1 | 5317 | 5126 | 191 | Normal    | -3033.00 | 790587403128 | 16-JAN-23 |
| 63 | 23 | 5LT2B1 | 5623 | 5317 | 306 | Normal    | -2469.00 | 790587465901 | 16-FEB-23 |
| 64 | 23 | 5LT2B1 | 5721 | 5623 | 98  | Normal    | -3594.00 | 790587405356 | 16-MAR-23 |
| 65 | 23 | 5LT2B1 | 5922 | 5721 | 201 | Normal    | -1676.00 | 706899025560 | 27-APR-23 |
| 66 | 23 | 5LT2B1 | 6129 | 5922 | 207 | Normal    | -2555.00 | 790587463496 | 16-MAY-23 |
| 67 | 23 | 5LT2B1 | 6129 | 5922 | 207 | Normal    | -2616.00 | 790587463496 | 16-MAY-23 |

|        |      |      |     |        |          |              |           |
|--------|------|------|-----|--------|----------|--------------|-----------|
| 5LT2B1 | 6493 | 6129 | 364 | Normal | 0.00     |              |           |
| 5LT2B1 | 6636 | 6493 | 143 | Normal | -5407.00 | 790587405778 | 08-JUL-23 |
| 5LT2B1 | 6636 | 6493 | 143 | Normal | -5407.00 | 790587488610 | 17-JUL-23 |
| 5LT2B1 | 6872 | 6636 | 236 | Normal | -2741.00 |              |           |
| 5LT2B1 | 7094 | 6872 | 222 | Normal | 0.00     | 790587476514 | 23-SEP-23 |
| 5LT2B1 | 7284 | 7094 | 190 | Normal | -7228.00 | 790587427684 | 21-OCT-23 |
| 5LT2B1 | 7425 | 7284 | 141 | Normal | -3176.00 | 790587481113 | 22-NOV-23 |
| 5LT2B1 | 7489 | 7425 | 64  | Normal | -2577.00 | 706899001010 | 26-DEC-23 |

*[Signature]*  
PRINCIPAL

Anjuman Arts, Science & Commerce  
College BHATKAL (U K ) 581320



Assistant Accounts Officer  
Bhatkal Sub-Division

*[Signature]*  
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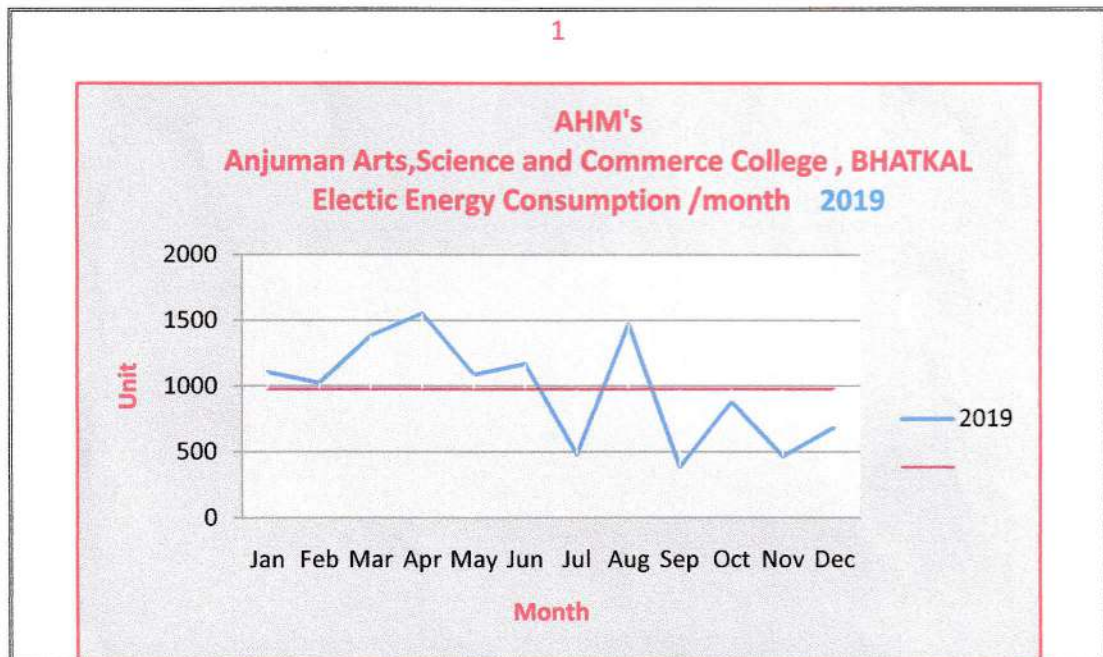


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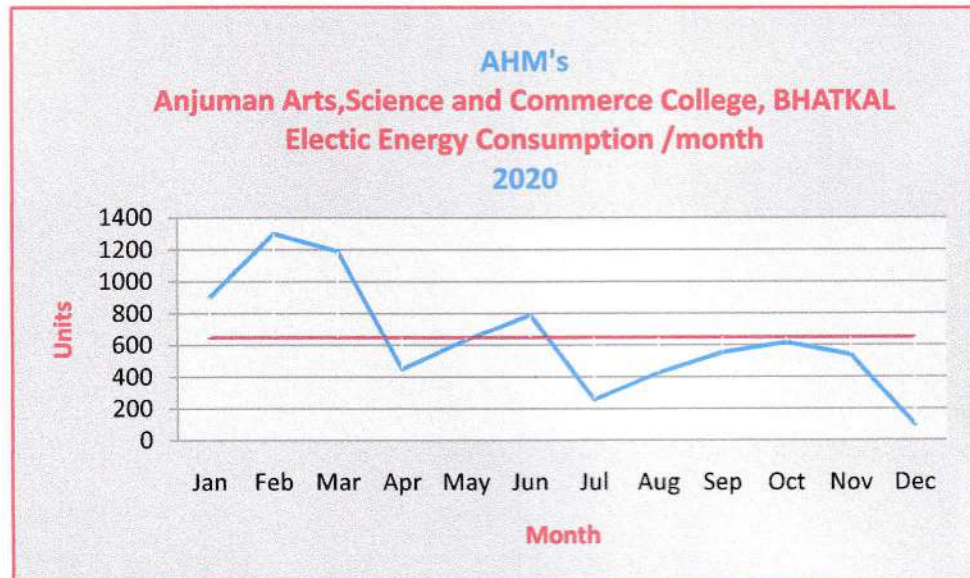
### POWER METER CONNECTIONS IN THE CAMPUS

- 1) RR No1 1608 Est 27-09-2007
- 2) RR No 2 AEH 23430 Est 25-10 2003

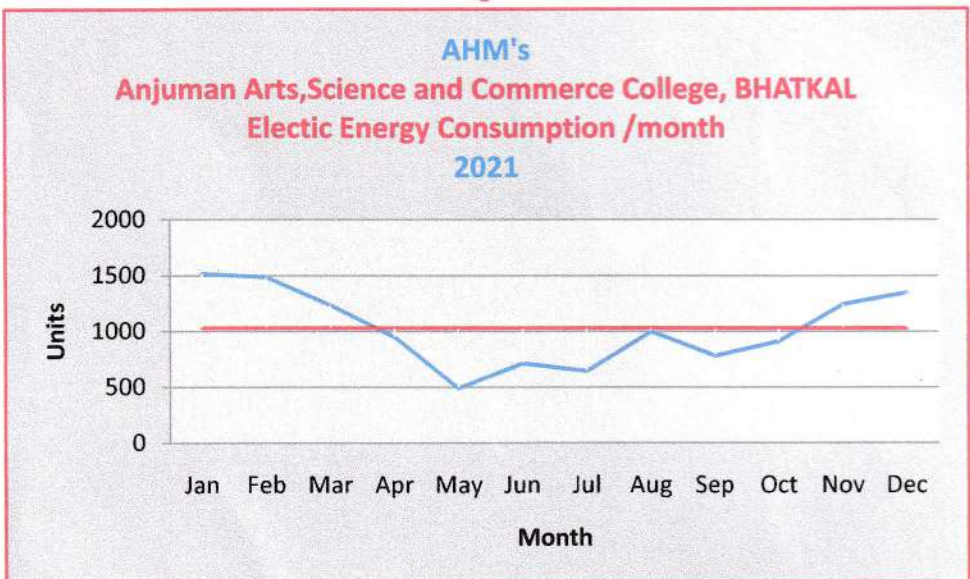
### YEAR WISE CONSUMPTION OF ELECTRIC ENERGY



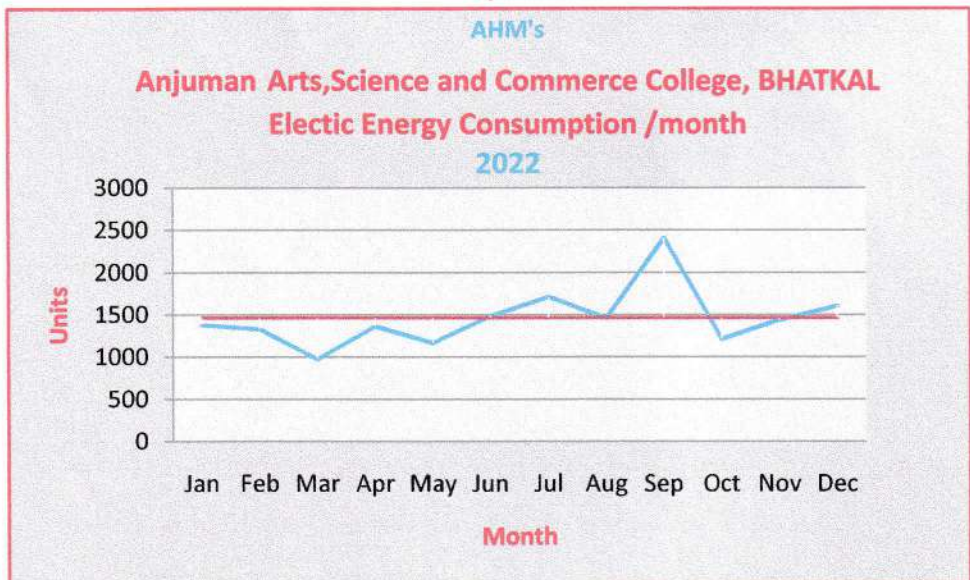
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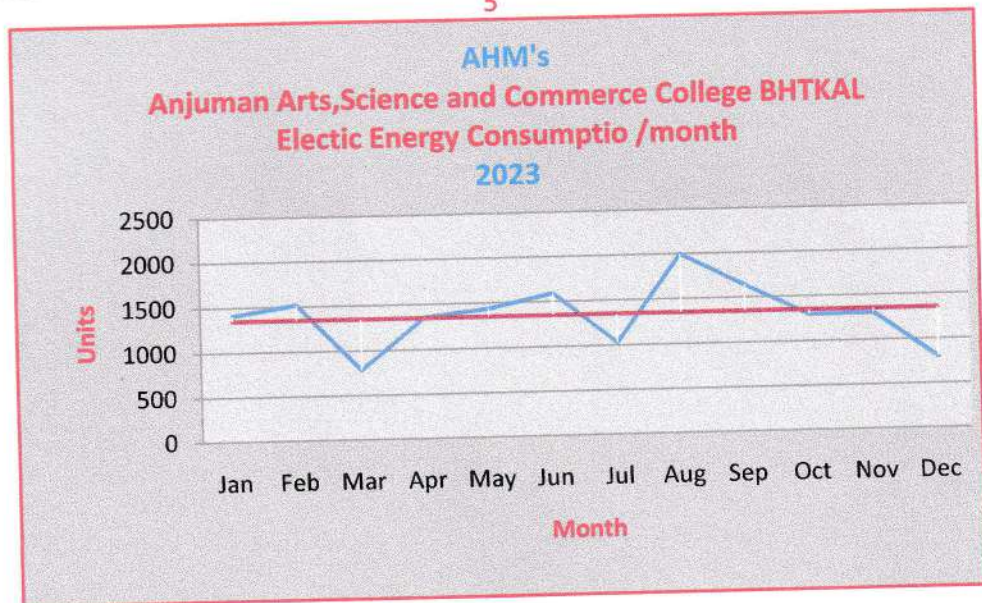
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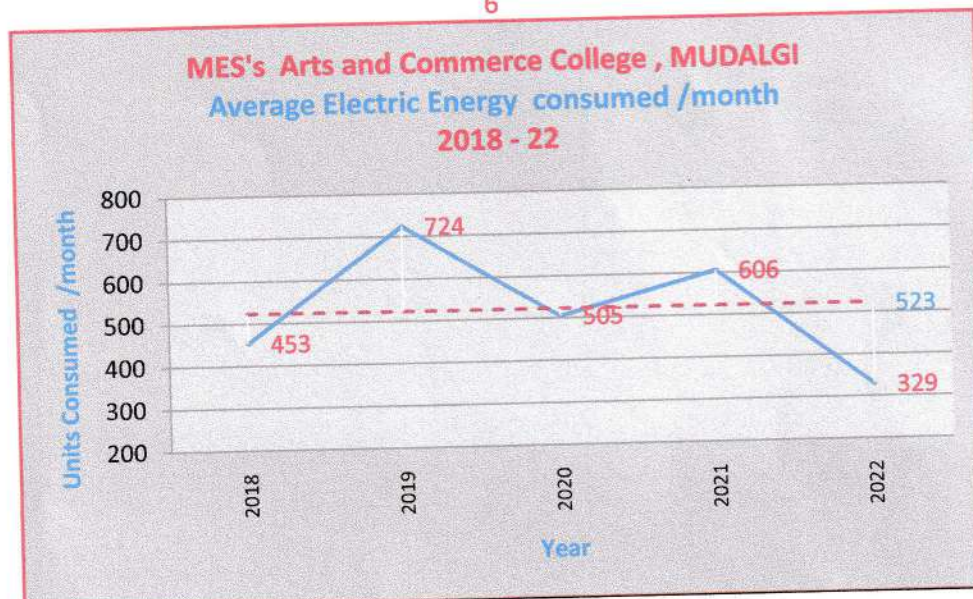
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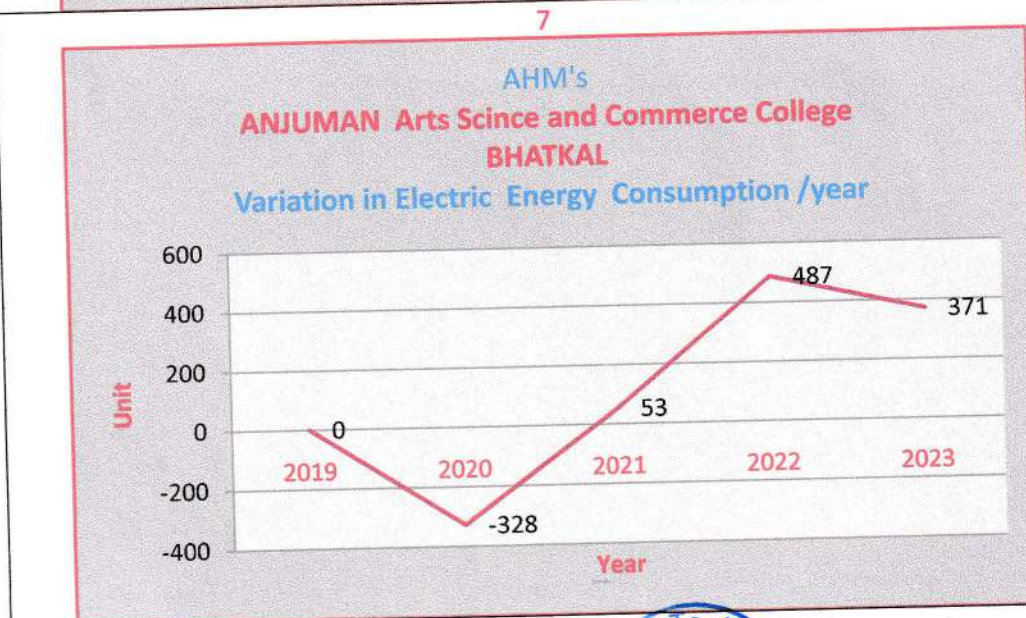
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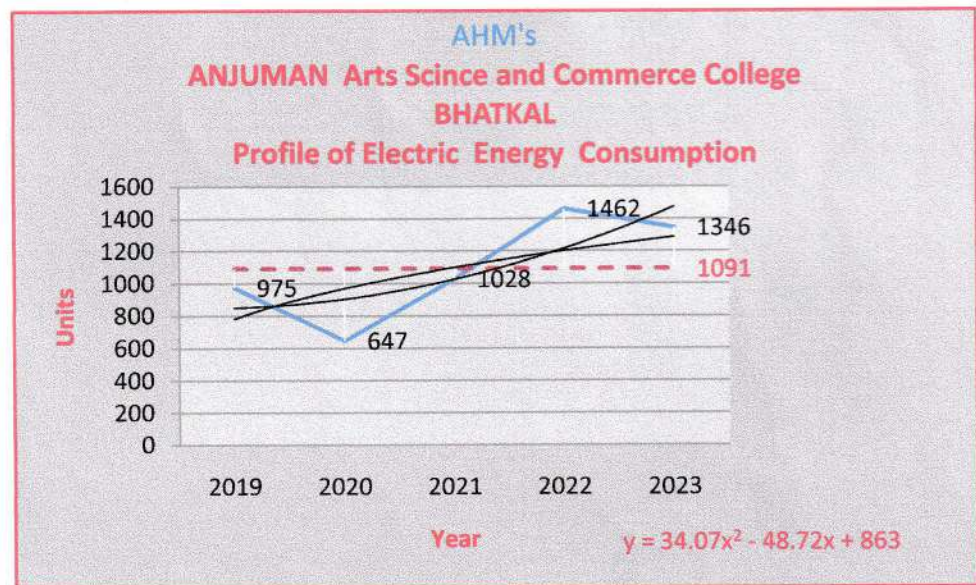
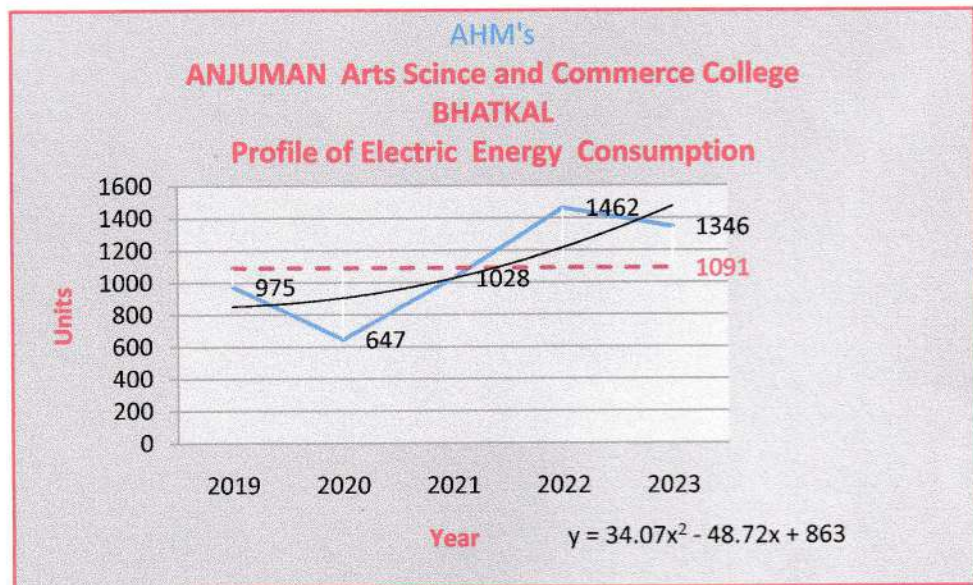
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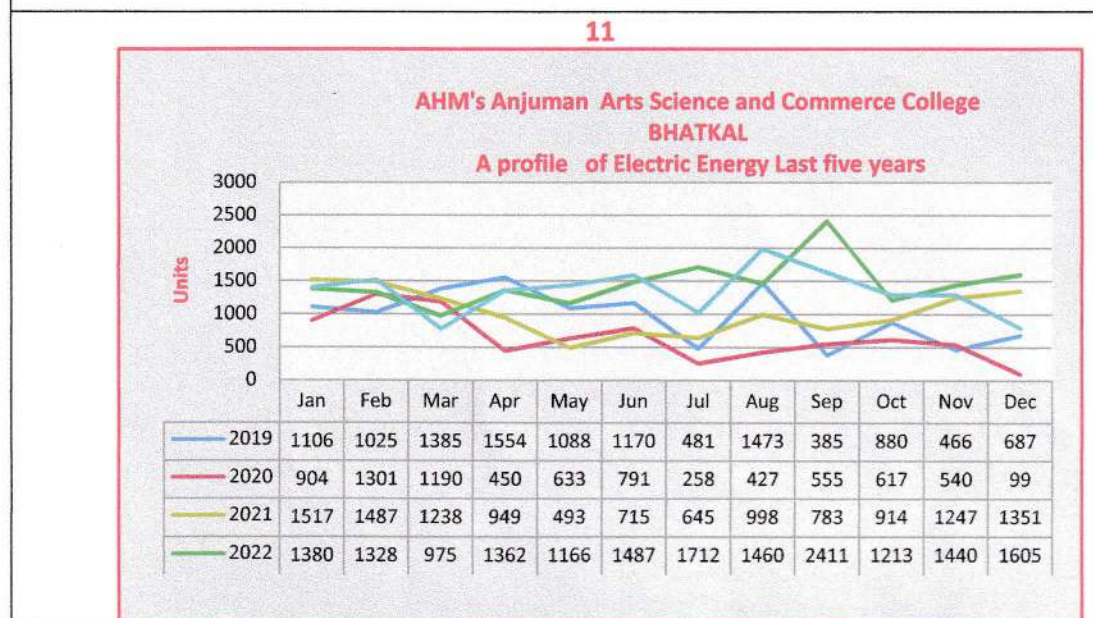
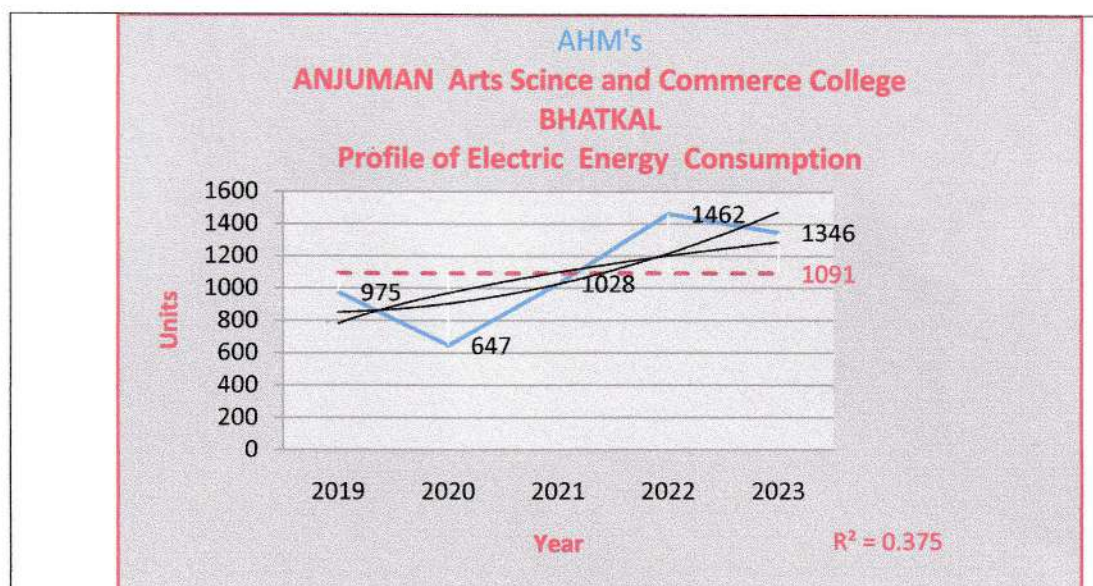
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### OPTIMUM ENERGY UTILIZATION POLICY

1. Energy sensitization programs are set up in the campus.
2. Awareness is spread among the staff and students regarding judicious use of electrical energy
3. Additional stand alone solar units are installed at prime location of the campus
4. The energy utility curve has a initial decrease trend later exponential increase se trend has appeared. This is because of development of infra structure The average monthly utilization of electric energy is 1091Units (KWH)
5. A polynomial equation fits the energy utilization curve .
6. The polynomial equation is  $y = 34.07x^2 - 48.72x + 863$
7. Order of the polynomial = 2

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|  |                                                                                                                                |
|--|--------------------------------------------------------------------------------------------------------------------------------|
|  | <p>8. R squared value = <math>R^2 = 0.375</math></p> <p>9. Electric energy is used very judiciously, when ever the need be</p> |
|--|--------------------------------------------------------------------------------------------------------------------------------|

### Analysis Part mean deviation method

| S.No                                                                                              | Year    | Average Power units consumed | Remarks                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------|---------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                                                                 | 2019    | 975                          | A graphical analysis shows that there is initial increase in the beginning.<br>It is found that there is "decreasing trend" in the year because of adopting new technology and by using modern electric appliances |
| 2                                                                                                 | 2020    | 647                          |                                                                                                                                                                                                                    |
| 3                                                                                                 | 2021    | 1028                         |                                                                                                                                                                                                                    |
| 4                                                                                                 | 2022    | 1462                         |                                                                                                                                                                                                                    |
| 5                                                                                                 | 2023    | 1346                         |                                                                                                                                                                                                                    |
|                                                                                                   | Average | 1091                         |                                                                                                                                                                                                                    |
| *Achievement                                                                                      |         |                              | -7.93% as compared to last max reading                                                                                                                                                                             |
| *Note : However conservation of electric energy is followed (Adopting modern electric appliances) |         |                              |                                                                                                                                                                                                                    |



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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) = 1278 units/month.
- ❖ No of petrol cars used staff = 02.
- ❖ No of diesel cars used staff = 04.
- ❖ No of two wheelers brought by staff and students = 4+20 =24.
- ❖ Diesel generator =1.
- ❖ Omni bus = Nil
- ❖ LPG consumed in( kg )/month (staff common room) = Nil.

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

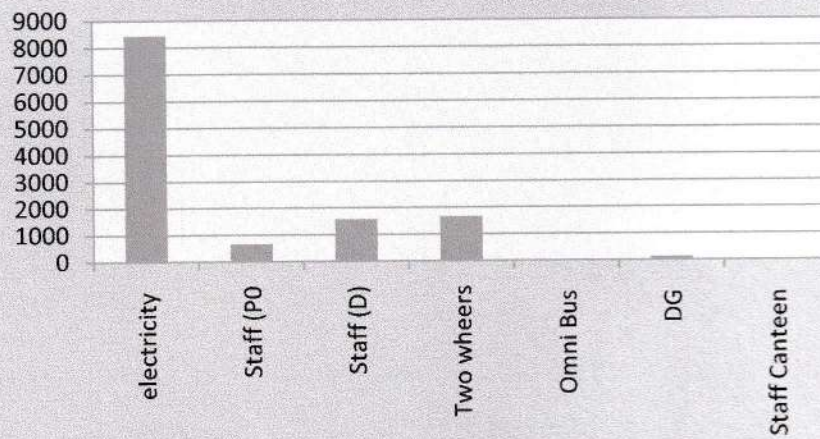
1. Electricity =  $1280 \times 12 \times 0.85 = 8434.00$
2. Petrol (staff) =  $2 \times 12 \times 12 \times 2.296 = 662.00$
3. Diesel (staff) =  $4 \times 12 \times 12 \times 2.653 = 1568.00$
4. Two wheeler Petrol (staff and students) =  $30 \times 2 \times 12 \times 210 \times 2.296 / 365 = 1653.00$
5. Diesel (Generator) =  $1 \times 5 \times 8 \times 2.653 = 106.12$
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> = 12423 Kg /year  
= 12.42 ton/year

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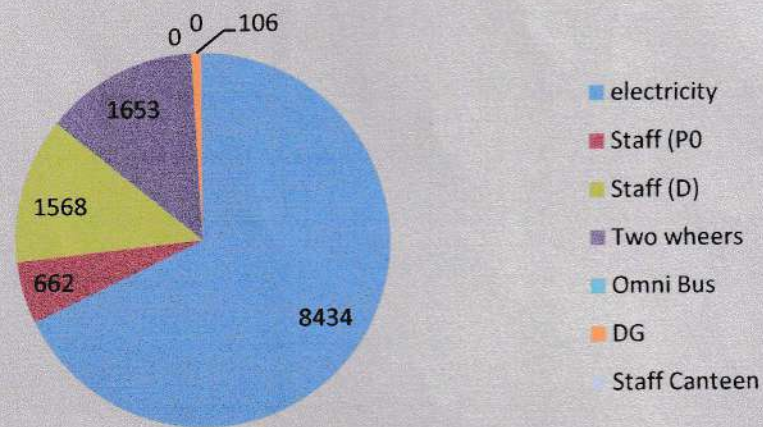
1

### Carbon Equi Units Units



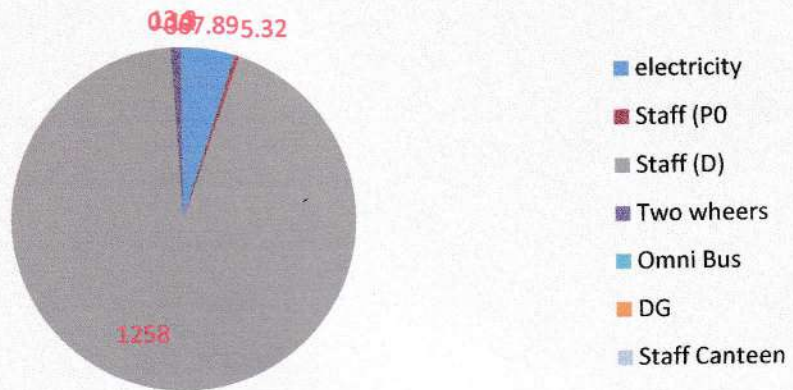
2

### Carbon Equi Units Units



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### Carbon Equi Units in % Share



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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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