

## “ENERGY EFFICIENCY ASSESSMENT REPORT”



**Sulochana Belhekar Samajik Va Bahu Uddeshiaya Shikshan Sanstha's**  
**SANT DNYANESHWAR B. ED. COLLEGE**

Bhanashiware, Tal: Newasa, Dist. Ahmednagar, Maharashtra (414 609), India

[Date: 30/05/2023]

**Audit Report Prepared By:**

**Mr. Jaywant Pagare**

ISO 9001 2015, ISO 14001 2015, ISO 45001 2018,  
ISO 50001:2018, Lead Auditor (EICPL)

**Mr. Nilesh Magare**

ISO 9001 2015, ISO 14001 2015, ISO 45001 2018,  
ISO 50001:2018, Lead Auditor (EICPL)

**Ms. Snehal Dhengle**

ISO 9001 2015 Auditor / Operation Manager (EICPL), ISO 14001 2015,  
ISO 45001 2018, ISO 50001:2018 (Internal Auditor)

## INDEX

<b>Chapter No.</b>	<b>Chapter Name</b>	<b>Page No.</b>
1	Introduction	04
2	Energy Sources	08
3	Introduction to Energy Audit	10
4	Study of Energy Consumption Profile	12
5	Historical Data Analysis	14
6	Study of Actual Measurements and Its Analysis	20
7	Conclusion	21
8	Annexure	22
9	Reference / Bibliography	24
10	Inspection Agency & Profile	25

<b>Fig No.</b>	<b>Name</b>	<b>Page No.</b>
1.1	Institute Structure View	04
2.1	Sample representative Electrical instruments	09
4.1	Specific Energy Consumption	13
5.1	% Variation in UNITS Consumption per Month	16
5.2	Variation in Monthly charges per Month	17
5.3	Percentile lighting distribution	18
6.1	Building Floor Levels	20
6.2	College Play Ground/ Parking	20

<b>Table No.</b>	<b>Name</b>	<b>Page No.</b>
1.1	Basic Details of Organization	06
2.1	Energy Sources and Consumptions	08
5.1	Average Requirement of various Equipment	14
5.2	Unit Consumption per month	16
5.3	Billing Amount per month	17
5.4	Type wise lighting distribution in college	18

## Chapter 1. Introduction



**Fig 1.1 Institute Structure View**

A nation is tiring to advance in quantity and quality to the spread of education among the common India and development of their intelligence. In India the entire field of education and other fields of intelligent activities had been monopolized by a handful of men before independence. But today we are marching towards the desirable status of a developed nation with fast strides. But the development should be a sustained one. For achieving such an interminable development energy management is essential. As far as concerning electricity crisis, we are facing lack of electricity during office work. So, institutional management is taking design regarding production of electricity and saving electricity for Eco social aspect. Energy requirement of India is growing and incomplete domestic fossil fuel treasury. The country has motivated strategy to enlarge its renewable energy resources and policy to establish the nuclear power plants. India increases the involvement of nuclear power to largely electrical energy development facility from 4.2% to 9%. India's industrial demand accounted for 35% of electrical power requirement, domestic household use accounted for 28%, agriculture 21%, commercial 9%, and public lighting and other miscellaneous applications accounted for the rest. Energy conservation means reduction in energy consumption without making any sacrifice of 5 quantity or quality. A successful energy management program begins with energy conservation; it will lead to adequate rating of equipment's, using high efficiency equipment and change of habits which causes enormous wastages of energy. By observing all these study lack of electricity and huge electricity demands. It is necessary to plan to be self-sufficient in electricity requirement. In the present study, college electricity audit has been done. In this study

considered practical laboratory, instrument, Fans, air conditioners, Computers etc are considered in this study. We have studied total budget of the college, total economic investment of college on the electricity and total generation electricity from the solar wind hybrid electricity generation unit. Also, we have studied total saving of electricity and money from solar wind generation and requirement of solar energy. Also, it is studied that exact contribution of bulb, fans, computer, instruments etc in the total requirement of electricity. We studied all these mentioned things by collecting exactly data form survey.

### ABOUT THE ORGANISATION:

**SANT DNYANESHWAR B. ED. COLLEGE** has been founded by **2008** at **Ahmednagar (Maharashtra)**. The Academy is a private granted organization and is working on the Government financing. Initially institute has started with traditional course of stream viz Bachelor of Education Since establishment the institute has attracted the students from all over Maharashtra. It is affiliated with Savitribai Phule Pune University, Pune, and recognized by the government of Maharashtra.

The College offers a moderate pollution environment as it's near the little maddening crowd of the city life. The vision and mission of the college clearly reflects the commitment of the college towards promoting quality and excellence in education to cater to the needs of society & also the main aim to carries the Poor students in the flow of basic education that was clear.

The College always proves excellence through comparable academic results. The College believes in faculty development so that, they can serve better to the students. In Academics Infrastructure is also playing vital role to create the healthy environment for the education.

The institution, always believe the external audit to ensuring its perfection and quality in the field of excellence in academic and its qualitative process. With this objective Institute has decided to make its quality evaluation by National Assessment and Accreditation Council (NAAC), which will help us to institutional developments and contribution to society's development.

Sr. No.	Basic information	Details
1	Organization Name	Sulochana Belhekar Samajik Va Bahu Uddeshiaya Shikshan Sanstha's
2	College Name	SANT DNYANESHWAR B. ED. COLLEGE
3	Postal Address	Bhanashiware, Tal: Newasa, Dist. Ahmednagar, Maharashtra (414 609), India.
4	Running Faculties	Bachelor of Education (B.Ed.)
5	Establishment	2008

6	E- Mail	sdbedcollege @rediffmail.com
7	Phone No. (02559)	9860857050
8	Chairman's/ Directors name	Sulochana Belhekar Samajik Va Bahu Uddeshiaya Shikshan Sanstha's Committee
9	Principal Name	Dr, Rohidas Namdeo Udmalle
10	Purpose	<b>Providing the Various Courses of Graduate Level for the Stream of B. Ed.</b>
11	Affiliation ID: / NCET	PU/AN/BED/097/2008
12	Region Type	Rural
13	Management	Private (Permanent Aided)

**Table 1.1: Basic Details of Organization**

• **Mission**

1. To prepare student for Globalizing Society.
2. Enable to accept the challenges in education for 21st century.
3. To develop the younger generation for quality Research Scholars for shaping emerging Indian Society. Who have love and affinity towards their thought.

• **Vision**

- Encourage and expect honesty, freedom, transparency and the highest ethical standards.
- Believe in profession of teaching, respect to dignity of all persons, honoring the unique contributions provided by a diversity of perspectives and cultures.
- Seek for quality improvement by team work.
- Encourage and support innovation, best practices, imagination, creativity, excellence and vision.

• **Philosophy**

Enhancing Knowledge Building Careers Begins from the academia and continues through industry interactions, seminars, conferences, workshops and research. Approach that goes beyond a job to career the art of amalgamating the various talents and qualities in a person and directing it towards the goal of professional success

## **Acknowledgement**

Einzigartig International Certifications Private Limited extends gratitude to SANT DNYANESHWAR B. ED. COLLEGE for extending us the opportunity to conduct the Energy & Green Audit.

We are thankful to the professors & supporting staffs of the college for their transparency & consistent support in sharing relevant information and for providing data about policies and projects along with their other valuable information. This report would have not been possible without their support.

The study team would like to acknowledge the following distinguished personnel's of Sant Dnyaneshwar B. Ed. College in person for the diligent involvement and cooperation.

- Dr. Udmalle Rohidas Namdeo
  - Prof. Gavhane Swati Narayan
  - Prof. Achyut Rangnath Tanpur
  - Prof. Kadam Tejaswinee Anil
  - Prof. Joshi Aprna Anant
  - Prof. Karad Sunita Tulshiram
- IQAC coordinator NAAC for motivating us for energy audit

## Chapter 2 Energy Sources

An energy audit is an inspection, survey and analysis of energy flows, for energy conservation in a Building, process or system to reduce the amount of energy input into the system without negatively affecting the output(s). In commercial and industrial real estate, an energy audit is the first step in identifying opportunities to reduce energy expense and carbon footprints.

Energy/Fuel	Please mark in appropriate box	Unit	Consumption (per annum)	Cost Annun (Rs.)
Coal	NA	NA	NA	NA
Lignite	NA	NA	NA	NA
Fuel Wood & Biomass	NA	NA	NA	NA
HSD oil	NA	NA	NA	NA
Light Diesel oil	NA	NA	NA	NA
Furnace oil	NA	NA	NA	NA
LSHS	NA	NA	NA	NA
LPG	NA	NA	NA	NA
Natural Gas	NA	NA	NA	NA
	NA	NA	NA	NA
	NA	NA	NA	NA
Captive(DG Set)		1	0.5 KVA	As Per Requirements
Well Motor		1	3 HP	As Per Requirements
MSEDCL			1315	31090/-

**Table 2.1: Energy Sources and Consumptions**

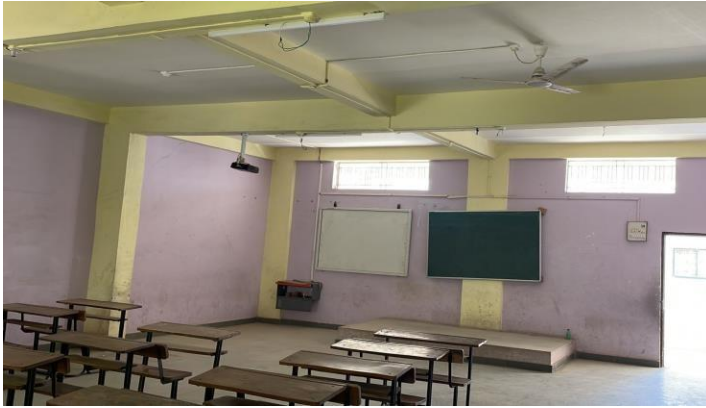


*a) Electrical Invertor: 0.5 KW (1 Nos.)*



*b) Well Motor: 3HP (1 Nos.)*





*c) Digital Classroom*



*d) Computer Lab*



*e) LED Tube Light*



*f) CFL Bulb*

**Fig: 2.1 Sample representative Electrical instruments**

## Chapter 3

### Introduction to Energy Audit

#### **3.1 ENERGY AUDIT OBJECTIVE:**

- Our objective is to acquire and analyze the data to find the possible ways of energy Conservation.
- It will be useful to calculate the amount of power consumed and wasted in a network of specified location.
- To find and implement the solutions that is acceptable and feasible.

#### **3.2 Scope:**

- ❖ Data Collection - walk through audit.
- ❖ Facility Description - characterize building usage, occupancy, size and construction.
- ❖ Component Inventory - detailed components list including utility, life and efficiency.
- ❖ Energy Conservation Measures – identify and evaluate opportunities for cost savings and /economic returns.
- ❖ Renewable /Distributed Energy Measures – evaluate economic viability of various renewable/distributed energy technologies.
- ❖ Energy Purchasing and Procurement Strategies – perform utility tariff analysis and assess potential for savings from energy procurement strategies.
- ❖ Awareness – to create awareness regarding efficient energy consumption and to provide with deserving rewards.

#### **3.3 General**

The Sant Dnyaneshwar B. Ed. College entrusted the work of conducting a Detailed Energy Audit of campus at College Premises 2.0 Acres s with the main objectives as below:

- To study the present pattern of energy consumption
- To identify potential areas for energy optimization
- To recommend energy conservation proposals with cost benefit analysis.

#### **3.4 Scope of Work, Methodology and Approach**

Scope of work and methodology were as per the proposal .While undertaking data collection, field trials and their analysis, due care was always taken to avoid abnormal situations so as to generate normal/representative pattern of energy consumption at the facility.

#### **3.5 Approach to Energy Audit**

We focused our attention on energy management and optimization of energy efficiency of the systems, sub systems and equipment. The key to such performance evaluation lies in the sound knowledge of performance of Equipments and system as a whole.



### **3.6 Energy Audit**

The objective of Energy Audit is to balance the total energy inputs with its use and to identify the energy conservation opportunities in the stream.

Energy Audit also gives focused attention to energy cost and cost involved in achieving higher performance with technical and financial analysis. The best alternative is selected on financial analysis basis.

### **3.7 Energy Audit Methodology**

Energy Audit Study is divided into following steps

- **Historical Data Analysis**

The historical data analysis involves establishment of energy consumption pattern to establish base line data on energy consumption and its variation with change in production volumes.

- **Actual measurement and data analysis**

This step involves actual site measurement and field trials using various portable measurement instruments. It also involves input to output analysis to establish actual operating equipment efficiency and finding out losses in the system.

- **Identification and evaluation of Energy Conservation Opportunities**

This step involves evaluation of energy conservation opportunities identified during the energy audit. It gives potential of energy saving and investment required to implement the proposed modifications with payback period. All recommendations for reducing losses in the system are backed with its cost benefit analysis.

## Chapter 4

### Study of Energy Consumption Profile

#### 4.1 Source of Energy:

Sant Dnyaneshwar B. Ed. College uses Energy in following forms:

a. Electricity from MSEDCL Ahmednagar Division.

b. LPG

Electrical inverter installed which is run whenever power supply from MSEDCL is not available.

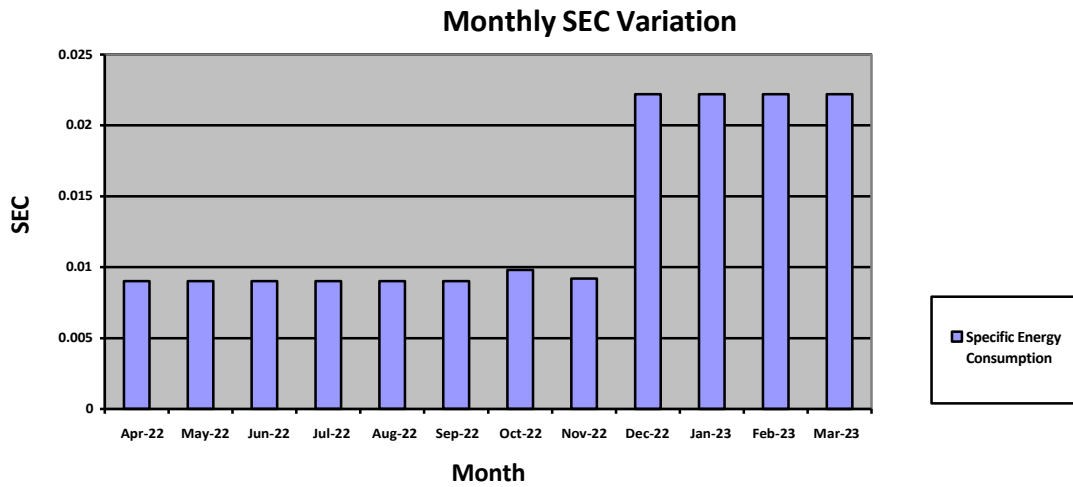
The following are the major consumers of electricity in the facility

- Computers
- Modem
- Router
- CCTV
- Lighting
- Printer
- Xerox Machine
- Projectors
- Fans
- Sound System
- Other ICT/ROM Equipment (LED Light, electric Motor Etc.)

#### 4.2 Specific Energy Consumption (SEC)

Specific Energy Consumption (SEC) is defined as energy usage per Square meter of area. It is calculated total electrical kWh/total area of the campus. By calculating SEC, we can crudely target the factors of energy efficiency or inefficiency. SEC for last twelve months was calculated and is as shown in the chart below.





*Fig: 4.1 Specific Energy Consumption*

- Observation:**

The Specifics Energy consumptions in the months of **Dec 2022 to March 2023** is noted as highest as it is the days of Scheduled written exams and Online/ Offline Practicals in concern departmental lab.

## Chapter 5

### Historical Data Analysis

Class No.	Description	Number/Quantity	Wattage	Total Wattage
<b>Office</b>	Fan	1	50	50
	Tube Light	2	20	40
	HP Laser Printer	1	400	400
	Pc	1	200	200
	Thumb Machine	1	3.5	3.5
	Invertor	1	500	500
	Wi-Fi router	1	10	10
<b>Management Cabin</b>	CCTV DVR	1	30	30
	Fan	1	50	50
	Tube Light	1	20	20
<b>EXAM SECTION</b>	LAD BULB 5 Watt	0	0	0
	PC	2	200	400
	RO water purifier	1	50	50
	Fan	1	50	50
	Tube	1	20	20
<b>Teacher Room</b>	LAD BULB 5 Watt light	0	0	0
	Fan	2	50	100
	Laptop	1	65	65
	Tube light	3	20	60
	Xerox machine	1	800	800
<b>Library</b>	LAD BULB 5 Watt	0	0	0
	Fan	5	50	250
	Laptop	0	0	0
	PC	1	200	200
	Tube Light	4	20	80
<b>Computer Lab</b>	Fan	2	50	100
	LAD BULB 5 Watt	0	0	0
	PC	11	200	2200
	Invertors	1	550	550
	Tube Light	2	20	40

Classrooms				
1	Tube light	1	20	20
	Fan	2	20	40
2	Tube light	1	20	20
	Fan	2	20	40
	Charger	0	0	0
	PC	0	0	0
3	Tube light	1	20	20
	Fan	2	50	100
4	Tube light	1	20	20
	Fan	2	50	100
5	LAD BULB 5 Watt	1	5	5
	Fan	2	50	100
	Charger	0	0	0
	Projector	0	0	0
	Tube Light	1	20	20
	Fan	4	50	200
6	LAD BULB 5 Watt	1	5	5
	Tube	4	20	80
	Charger	0	0	0
	Printer	0	0	0
	Pc	1	200	200
	projector	1	150	150
	Street Light/ Bulb	1	20	100
<b>Water Motor 1</b>		3 Hp	2240	750
Captive(DG Set)		1	3.7 KVA	As Per Requirements

**Table 5.1: Average Requirement of various Equipment**

Average units consumption per month is around 435 kWh  
 Maximum units consumption is 568 kWh in month of Jul-23

- Average bill (Rs.) per month is around 5633 Rs.
- Maximum bill (Rs.) is 7670 Rs. In month of Jul-23

### 5.2. Power Consumption

Month & Year	UNIT
Apr-22	73
May-22	73
Jun-22	73
Jul-22	73
Aug-22	73
Sep-22	75
Oct-22	80
Nov-22	75
Dec-22	180
Jan-23	180
Feb-23	180
Mar-23	180
<b>Total</b>	<b>1315</b>

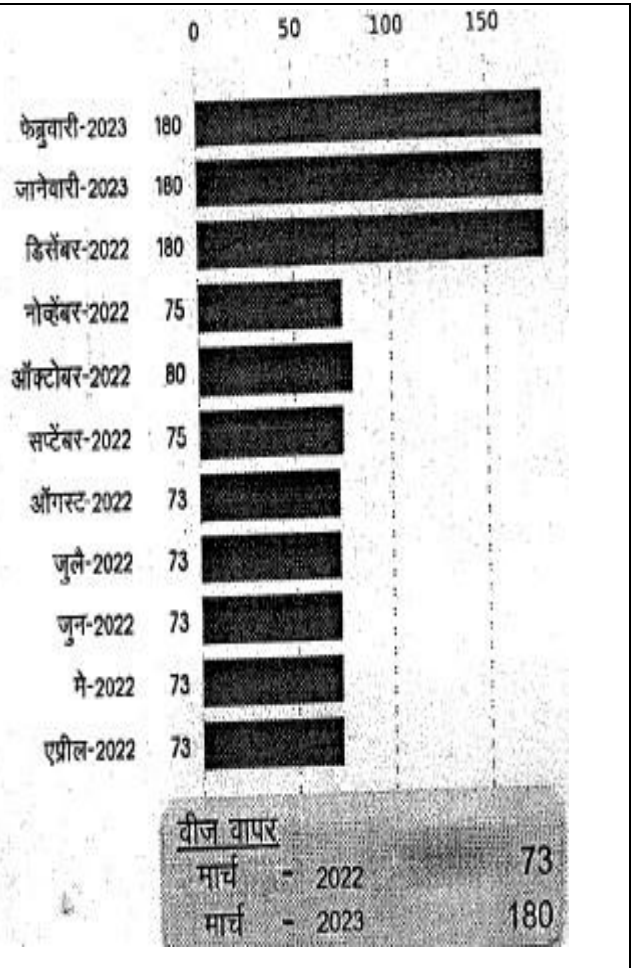
  


Table 5.2: Unit Consumption per month

### Study of Variation in UNITS Consumption Month Wise:

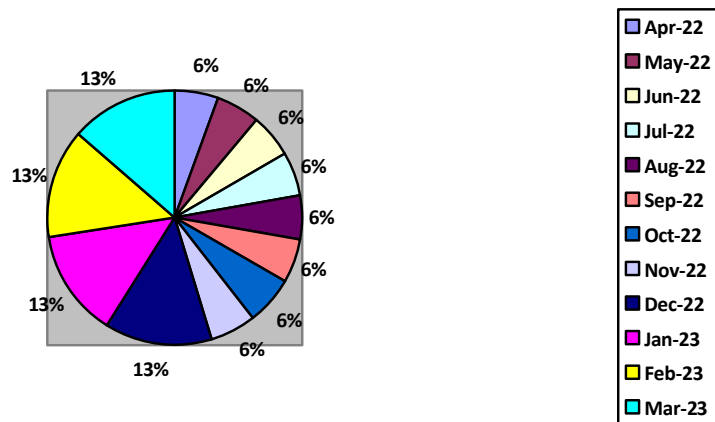


Fig: 5.1 % Variation in UNITS Consumption per Month

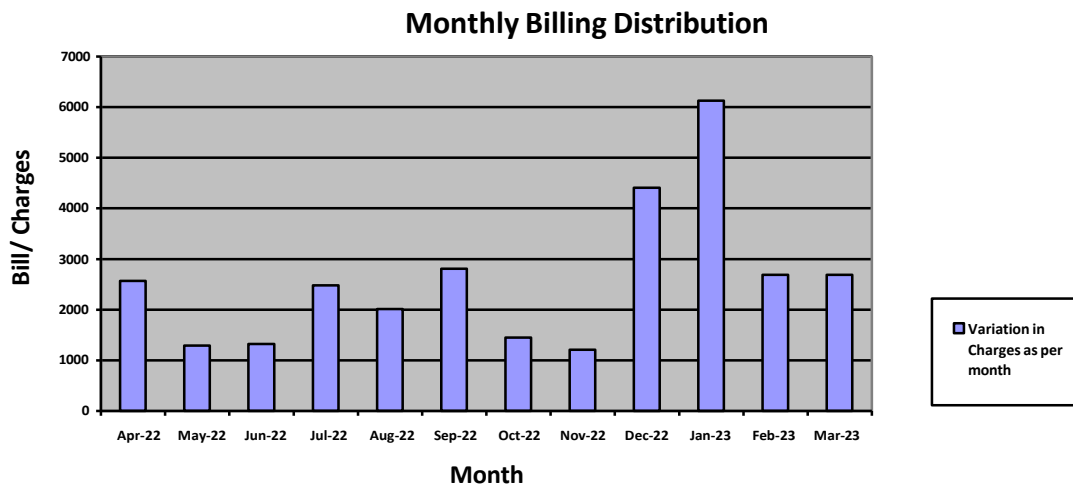


### 5.3 Month Wise Billing Composition

Bill analysis for consumer number **0490620508101**, Meter No. **07502457510** shown below

Sr. No	Month & Year	Amount
1	Apr-22	2570
2	May-22	1290
3	Jun-22	1320
4	Jul-22	2480
5	Aug-22	2010
6	Sep-22	2810
7	Oct-22	1450
8	Nov-22	1210
9	Dec-22	4410
10	Jan-23	6130
11	Feb-23	2690
12	Mar-23	2690
<b>Total</b>		<b>31060/-</b>

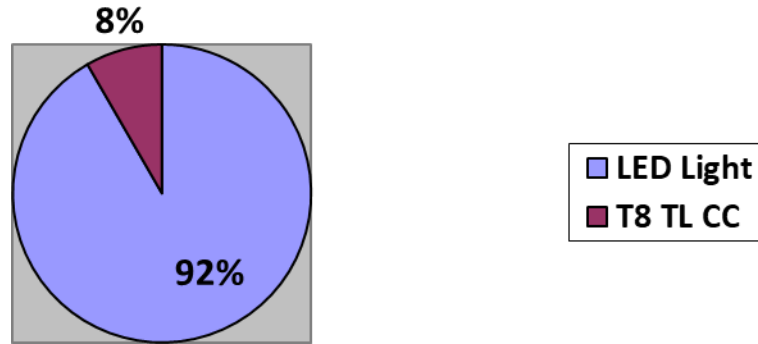
**Table 5.3: Billing Amount per month**



**Fig: 5.2 Variation in Monthly charges per Month**

**Table 5.4: Type wise lighting distribution in college**

Type	Qty	KWLoad	% Load
LEDLight	22	0.44	92 %
T8 TLCC Conventional Lights/CFL Bulb	02	0.01	08 %
<b>Total</b>	<b>24</b>	<b>0.45</b>	



*Fig: 5.3 Percentile lighting distribution*

**5.4 Total requirement of electricity, generation of electricity using renewable energy sources.-**

Power requirement met by renewable energy sources	Total power requirement	Renewable energy source	Renewable energy generated and used
<b><u>Proposed in next 6 Months</u></b>	:	<b><u>Solar Power Panels</u></b>	<b><u>Proposed work</u></b>

**Experimental and data collection:**

All required data is collected. In building, in every room, how much fans, tubes, fans, computer, instrument AC, etc will these is measured. According to survey following data is collected.

## Requirements of NAAC Alternative Energy Initiative

Percentage of power requirement met by renewable energy sources

= (Power requirement met by renewable energy sources / Total power requirement) X 100

= (0/26.21) X 100

= 0 %

### Percentage of lighting power requirement met through LED bulbs

Percentage of lighting power requirement met through LED bulbs

= (Lighting power requirement met through LED Lights / Total lighting power requirement) X

100

= (0.932/8.892)

= 10.48 %

## Chapter 6

### Study of Actual Measurements and Its Analysis

#### Campus is divided in following section:

- Collage Building (3 floors)
- Street Light. / Ground / Parking

#### 6.2. Lighting System Observations:

- It is found that LED, Bulbs, CFLs is installed in the facility.
- It is recommended that some tube lights in this area be switched off when sufficient daylight is available.
- Presently there are no reflectors installed for tube lights.



*Fig: 6.1 Building Floor Levels*



*Fig: 6.2 College Play Ground/ Parking*

## Chapter No: 7

### Conclusion

#### Observation & Recommendations

- It is found that LED, Bulbs, CFLs is installed in the facility.
- It is recommended that some tube lights in this area be switched off when sufficient daylight is available.
- Presently there are no reflectors installed for tube lights.
- Future Load Predication: Considering Modern infrastructure & facility which recommended to go Solar Panel or Traditional power.
- Provide Motor guard/ Cover at water tanks to avoid mishaps.
- Use natural ventilation instead fans, as natural air circulation is easy way to reduce electric consumption.
- Recommended that Keep electricity maintenance frequency on record and install power stabilizers to avoid power fluctuations
- Conduct electricity awareness programs amongst the staff and students.
- Recommended that the Playground area street lighting/ Parking area lighting for students convenience, consider within the proposed solar Power Plant.

# Chapter No: 08

## Annexure I

### 1. Campus Light Bill. ( Attached with Report)



बीज पुरवठा दयक  
 BILL OF SUPPLY FOR THE MONTH OF - एप्रिल-2023

BILL NO (GGN): 000001971653728

GSTIN:27AAECM2933K1ZB

ग्राहक क्रमांक : 148240013034 मोबाईल/ईमेल : 98xxxxxx50  
**SULOCHANA BELHEKAR SAMAJIK VA BAHU UDDESHIY SHIKSH**  
 316/1BHANASHIVRA NEAR MARUTI MANDIR 999999

देयक दिनांक : 19-04-2023  
 देयक रक्कम रु : 3510.00

सुलोचना बेल्हेकर सामाजिक वा बहु उद्देशिय शीक्ष  
 316/1 गणेशिवरा च्या शेजारी मातुली मंदिर 414609

देय दिनांक : 09-05-2023  
 या तारखे नंतर : 3540.00  
 भरल्यास

बिलिंग युनिट : 5738/NEWASA/AHMEDNAGAR RURAL  
 दर संकेत : 90/LT I Res 1-Phase  
 क्रमांक : 00000016  
 पत्ता/सो./चक्रम मार्ग-क्रम/डि.टी.सी. : 6/28/1701/1316/4199795  
 मिटर क्रमांक : 07513858974  
 रिडींग ग्रुप : N6

पुरवठा दिनांक : 05-12-2016  
 मंजूर भार : 1.75 KW  
 सुरक्षा ठेव जमा (रु) : 2000.00  
 चालू रिडींग दिनांक : 15-04-2023  
 मागील रिडींग दिनांक : 15-03-2023

Scan this QR Code with BHIM App for UPI Payment



QR कोडद्वारे भरणा केल्यास, भरणा दिनांकानुसार लागू असलेली नंतर देयक भरणा मुदत किंवा वेळापत्र आकार पुढील वेळकात समाविष्ट करण्यात येईल.

चालू रिडींग	मागील रिडींग	गुणक अवयव	युनिट	समा. युनिट	एकूण वापर
9572	9537	1.00	215	0	215

Meter Status: Normal  
 !!! Period: 1.03//Interest on Sec.Deposit(SD) Rs: 85.00

मास	युनिट
मार्च-2023	94
फेब्रुवारी-2023	74
जानेवारी-2023	76
डिसेंबर-2022	63
नोव्हेंबर-2022	52
ऑक्टोबर-2022	47
सप्टेंबर-2022	71
ऑगस्ट-2022	27
जून-2022	2
जुलै-2022	0
मे-2022	13

मध्यमती तक्रार निवारण केंद्र 24x7  
 1800-212-3435, 1800-233-3435, 1912, 19120

ग्राहकाच्या तक्रारीचे निवारण करण्यासंबंधीचे नियम व कार्यपध्दती महावितरणाच्या संकेत स्थळ [www.mahadiscom.in](http://www.mahadiscom.in) > ConsumerPortal > CGRF यावर उपलब्ध आहे.

Rs. 14620/-  
 CHQ NO. 860030 DE 04/05/23  
 SBI - Handing over  
 Received  
 04/05/2023  
 L.P.C. Billing  
 M.S.E.D.C. Ltd. New

**महत्वाचे**

जमीन विला रोव्ही इ-विला वाढी नोंदणी करा व प्रत्येक विलामास 10 स्वयंशा मो-ग्रोन डिस्कॉन्ट मिळवा. नोंदणी करण्यासाठी - <https://consumerinfo.mahadiscom.in/gogreen.php> (G31N नंबर तुमच्या छत्रपति विलावर बरघ्या वागुला वरच्या कोपच्या मारा उपलब्ध आहे.)

दिनांक 15-05-2023 पासून व 0.25% (सि. 50/- पर्यंत) सवलत मिळवू. (टिक्सस व खरीदू घनकुल)

तुमचा मोबाईल नंबर व ईमेल पत्ता पडि चा असल्यास पुढील करा स्वासार्थ [www.mahadiscom.in/ConsumerPortal/QuickAccess](http://www.mahadiscom.in/ConsumerPortal/QuickAccess) येथे भेट द्या.

पुढील महिन्याचे रिडींग साधारणतः 15-05-2023 ह्या तारखेला होईल

#### विशेष संदेश

\* प्रिय ग्राहक, आपला नोंदणीकृत भ्रमणध्वनी क्र.९८XXXXXX५० आहे. आपला भ्रमणध्वनी क्रमांक बदलण्यासाठी /नवीन क्रमांक नोंदणीसाठी महावितरण संकेतस्थळ/मोबाईल ॲप वापर किंवा ९९३०३ ९९३०३ ह्या क्रमांक वर खालील संदेश पावा MREG 982280093038.  
 \* महावितरणला कोणत्याही प्रकारच्या रक्कमेचा भरणा करताना संगणकीकृत क्रमांक असलेली संगणकीय पावतीच स्विकारावी. हस्तलिखित पावती स्विकारू नये.  
 \* कोणत्याही प्रकारच्या ऑनलाईन भरणा सुविधेचा पर्याय वापरावा.

**तुमची परसंती आम्हाला सांगा**

ब्रँड, सामाजिक विषय तसेच वर्तमानातल्या मुद्यांवर तुमचा दृष्टीकोण काय आहे?  
 आपलं मत सांगा ज्याने तुमच्या गरजा आम्ही जास्त चांगल्या प्रकारे समजू शकू.  
 9326508274 वर 'OPINION' व्हाट्सअप करा किंवा ॲप डाऊनलोड करा

QR कोड स्कॅन करा  
 ॲप डाऊनलोड करा



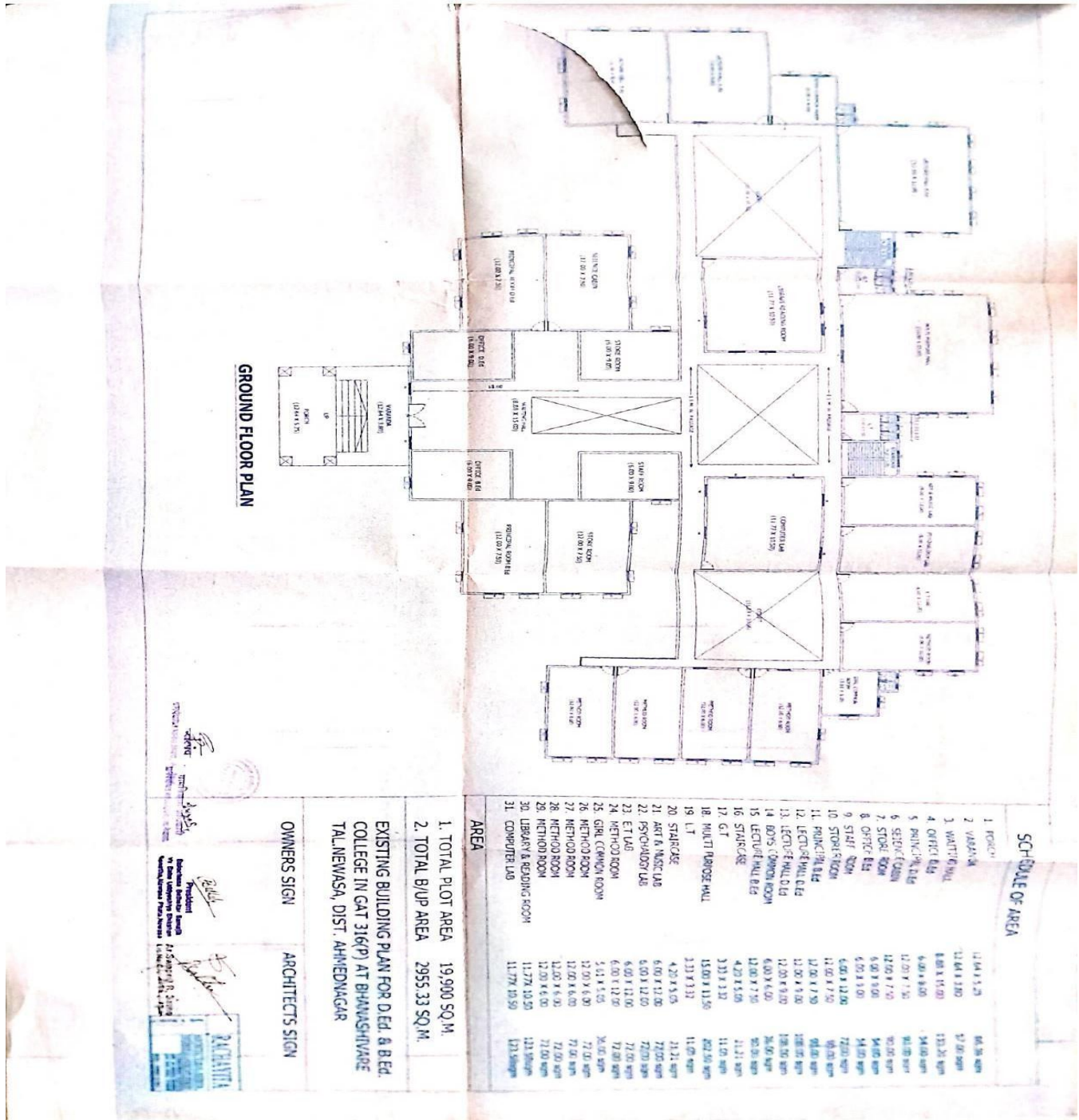
App मध्ये सर्व थरा आणि आकर्षक बशीस जिंका



DELIVERING TRUST SINCE 1998

India's No. 1 Consumer Data Intelligence Company.  
[www.axismyindia.org](http://www.axismyindia.org)

## Annexure II



## Chapter No: 9

### References / Bibliography

- Customer Data
- Customer Light Bill
- Solar Training Module

### Bibliography:

- ISO 9001 : 2015
- ISO 14001 : 2015
- ISO 45001 : 2018
- ISO 50001 : 2018
- MSEDCL Guideline
- UGC Guideline
- NAAC Guideline



## Chapter No: 10

### Inspection Agency & Auditor Details.

#### **EINZIGARTIG INTERNATIONAL CERTIFICATIONS PRIVATE LIMITED**

It is Pleasure introducing ourselves as one of the leading Certification, Training, Third Party Inspection body in India. We serve organizations seeking certifications to International Standard like Quality Management System ISO 9001, ISO 14001, ISO 45001, ISO 27001, ISO 13485, ISO 22000, GMP, HALAL, KOSHER, etc.

Training as per the customer requirement

Third party Inspection as per customer requirement, National & International standard

**EICPL is directly accredited by EGYPTIAN ACCREDITATION COUNCIL (EGAC) & ACCREDITATION SERVICE FOR CERTIFYING BODIES (Europe) Ltd ASCB (E).**

The purpose of our existence is to promote proven International Management System standard across organization and help them adopt & Implement these standards as systematic approach for overall business operations so that they are globally competitive and profitable

We have experience and resources to carry out certification activities for different sectors of economies in three areas of our system certification domains. Our system assessment method lies and procedures are systematic and process based. We have technically qualified and experienced system auditors to verify that you comply with minimum requirement of the standard. Our Eveready Supportive staff will be guiding you through systematic assessment and certification procedures and you can confidently deal with us for your management System requirements

With our unblemished credential and unmatched commitment, We assure you that we will be able to offer you best of our services that will help your business excel and remain competitive, cost effective, profitable and socially responsible organization

#### **Auditor Profile**

##### **Nilesh Magare**

Sr. Consultant, Lead Trainer, Lead Auditor

- ❖ Chemical Engineer
- ❖ Lead Auditor - ISO-9001 : 2015 – Quality Management Systems (TuV Austria & IRCA CQI)
- ❖ Lead Auditor – ISO 14001: 2015 – Environment Management Systems (TuV India Pvt. Ltd. & IRCA CQI.)
- ❖ Lead Auditor –OHSAS18001:2007 / ISO 45001:2018 Occupational Health and Safety Management Systems (BSCIC & IRCA CQI.)

- ❖ Registered Lead Auditor –ISO-9001 / ISO-14001 / OHSAS 18001 / ISO 45001 with AGSI, EICPL, BSCIC, IQCS, ECPL.
- ❖ Lead Auditor EnMS ISO 50000 2018
- ❖ Internal auditor for IATF 16949:2016

**Jaywant Pagare**

Sr. Consultant, Lead Trainer, Lead Auditor

- ❖ Computer Engineer
- ❖ Lead Auditor - ISO-9001 : 2015 – Quality Management Systems (TuV Austria & IRCA CQI)
- ❖ Lead Auditor – ISO 14001: 2015 – Environment Management Systems (TuV India Pvt. Ltd. & IRCA CQI.)
- ❖ Lead Auditor –OHSAS18001:2007 / ISO 45001:2018 Occupational Health and Safety Management Systems (BSCIC & IRCA CQI.)
- ❖ Registered Lead Auditor –ISO-9001 / ISO-14001 / OHSAS 18001 / ISO 45001 with AGSI, EICPL, BSCIC, IQCS, ECPL.
- ❖ Lead Auditor EnMS ISO 50000 2018
- ❖ Internal auditor for IATF 16949:2016
- ❖ Certification Head at EICPL
- ❖ Empaneled Third party Inspection channel Partner with China Inspection Agency

Snehal Dhengle

QMS/ EHS Auditor, Operation Manager (EICPL)

- ❖ Masters in Mechanical Engineering
- ❖ Lead Auditor - ISO-9001 : 2015 – Quality Management Systems
- ❖ Internal Auditor – ISO 14001: 2015 – Environment Management Systems
- ❖ Internal Auditor –OHSAS18001:2007 / ISO 45001:2018 Occupational Health and Safety Management Systems
- ❖ Internal Auditor EnMS ISO 50000 2018
- ❖ Internal auditor for IATF 16949:2016
- ❖ Certification Head at EICPL

**Lead Auditor/Auditor :- Mr. Jaywant Pagare**

**Signature & stamp :-**



**Date :- 30/05/2023**

**CEO/ Representative :- Dr, Rohidas Namdeo Udmalle**

**Signature & stamp :-**



**Date :- 31/05/2023**

THANK YOU!!!