



Manoharabhai Shikshan Prasarak Mandal Armori's

**MAHATMA GANDHI ARTS, SCIENCE &  
LATE NASARUDDINBHAI PANJWANI COMMERCE  
COLLEGE ARMORI**

**Dist. Gadchiroli (Maharashtra) 441 208**

**Affiliated to Gondwana University, Gadchiroli.**

**Re-accredited by NAAC 'A' with 3.24 CGPA**

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**ANNUAL QUALITY ASSURANCE REPORT  
(AQAR) 2021-22**

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**CRITERION – VII  
INSTITUTIONAL VALUES &  
BEST PRACTICES**

**METRIC NO: ~ 7.1.2.**

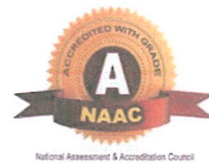
**METRIC NAME: ~ *The Institution has facilities for alternate sources of energy and energy conservation measures***



Web: - [mgcollegearmori.ac.in](http://mgcollegearmori.ac.in)  
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MANOHARBHAI SHIKSHAN PRASARAK MANDAL ARMORI'S  
**MAHATMA GANDHI ARTS, SCIENCE AND  
LATE NASARUDDHINBHAI PANJWANI COMMERCE COLLEGE**  
ARMORI Dist. Gadchiroli (M.S.) 441 208  
NAAC Re-accredited 'A' Grade 3.24 CGPA (2022)



## INTERNAL QUALITY ASSURANCE CELL

**Dr. Lalsingh H. Khalsa**  
Principal & IQAC Chairman  
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Date 13.12.22

### Certificate of Verification

The document herewith is a testimonial of the following specifics;

- AQAR 2021-22
- Criterion - **VII (Institutional Values and Best Practices)**
- Metric no. - **7.1.2**
- Metric Particular - *The Institution has facilities for alternate sources of energy and energy conservation measures.*

It is affirmed that the attached document pertinent to the above cited specifics are duly verified and approved by the IQAC.

  
Criterion Head

  
IQAC Coordinator

  
IQAC Chairman



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ARMORI, Dist. Gadchiroli

**CRITERION – VII**  
**INSTITUTIONAL VALUES & BEST PRACTICES**

|                    |  |
|--------------------|--|
| <b>METRIC NO</b>   | 7.1.2.   |
| <b>METRIC NAME</b> | <i>Facilities for alternate sources of energy and energy conservation measures</i> |





**Mahatma Gandhi Arts, Science &  
Late N. P. Commerce College, Armori  
Dist. Gadchiroli (M.S.), 441208**

# ENERGY AUDIT REPORT



**2018 - 2021**

**Prepared by  
Dr. C. D. Mungmode  
Associate Professor, Department of Physics  
M. G. Arts, Science & Late N. P. Commerce  
College, Armori**




## ENERGY AUDIT CERTIFICATE

This is to certify that the Department of Physics, **M. G. Arts, Science and Late N. P. Commerce College, Armori** has conducted detailed “**Energy Audit**” of their campus during the academic year 2018 - 2021 and has submitted necessary data and credential for scrutiny. The energy audit was conducted in accordance with the applicable standards. According to the information given to us and to the best of our information, the said energy audit gives true and fair view and report found to be satisfactory. The efforts taken by the college towards energy conservation and environmental consciousness is highly appreciated.



Assistant Engineer  
MSEDCL Armori(U)



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Late N.P. Commerce College  
ARMORI, Dist. Gadchiroli

To,

The Principal,  
M. G. Arts, Science  
& Late N. P. Commerce College, Armori

**Subject: Submission of Energy Audit Report (2018-2021).**

Dear Sir,

I am very pleased to submit detailed "Energy Audit Report (2018-2021)" that is required for preparation of "Green Audit Report" of the college which was decided to prepare in IQAC meeting.

I have tried my level best to include all the relevant data, information and the explanation to make the report informative and comprehensive.

The energy audit was conducted for academic year 2018-2019 to 2020-2021 in accordance with the applicable standards.

I am submitting the Energy Audit Report for your kind perusal.



Dr. C. D. Mungmode  
Associate Professor, Department of Physics  
M. G. Arts, Science & Late N. P. Commerce College,  
Armori

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Letter No. \_MGC/\_\_\_\_\_

Date \_\_\_\_\_

### Certificate

This is to certify that the Department of Physics of the college has conducted detailed 'Energy Audit' of the college for the academic years 2018-2019 to 2020-2021. The Energy Audit was conducted with applicable standards. It gives detailed information about consumption and yield of electricity on the college campus. The recommendations suggested in the report will be considered positively for implementation.



  
Principal  
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ARMORI, Dist. Gadchiroli



<https://www.facebook.com/mgcollegearmori/>



<https://www.youtube.com/channel/UCdoZyKXO73lnRcKgI.8OHDZw>



## CONTENTS

|     |  |
|-----|--|
| 1.0 | Introduction   |
| 2.0 | Objective  |
| 3.0 | Methodology Adopted  |
| 4.0 | Electricity Consumption in Administrative Offices                                      |
| 5.0 | Electricity Consumption in Departments, Laboratories, Library and IQAC                 |
| 6.0 | Electricity Consumption in Classrooms, Seminar Hall, Indoor Stadium, Corridor & Ground |
| 7.0 | Total Yield Vs Total Consumption   |
| 8.0 | Environment Conservation   |
| 9.0 | Recommendations  |

## 1.0 Introduction:

Electricity plays an important role in the development of human civilization. Numerous electrical appliances have made human life easy. Currently, about 30% of the total residential electricity is used by lighting followed by refrigerators, fans, electric water heaters, and TVs. Approximately 4 % of total residential electricity is used for standby power, which is apparently small amount of power that many modern appliances consume when they are not actively turned on. Modern electrical appliances consume less electricity as compare to old ones which ultimately results into low carbon emission, helping the environment conservation. The Department of Physics conducted energy audit at the college campus which will help in energy management. The college has administrative block, laboratories, indoor stadium, auditorium and classrooms. Various electrical appliances have been installed in all these blocks which consumes electricity generated from Solar PV System installed in the college campus and electricity supplied by Maharashtra State Electricity Distribution Company Limited (MSEDCL). The college has installed **on grid Solar Photovoltaic (PV) System**, having annual energy yield of 35000 kWh. The production of electricity is started from June 2018. The electricity generated during sunny days is consumed by the college and remaining electricity is provided to MSEDCL which is used during needy hours.

## 2.0 Objective:

To conduct observation and data based energy audit of the energy consumption of electrical appliances within the college campus and to determine how further energy saving can be achieved.

## 3.0 Methodology Adopted:

- Visual inspection and data collection
- Observations and energy consumption verification.
- Calculation, analysis and identification of energy saving opportunities.

## 4.0 Electricity Consumption in Administrative Offices

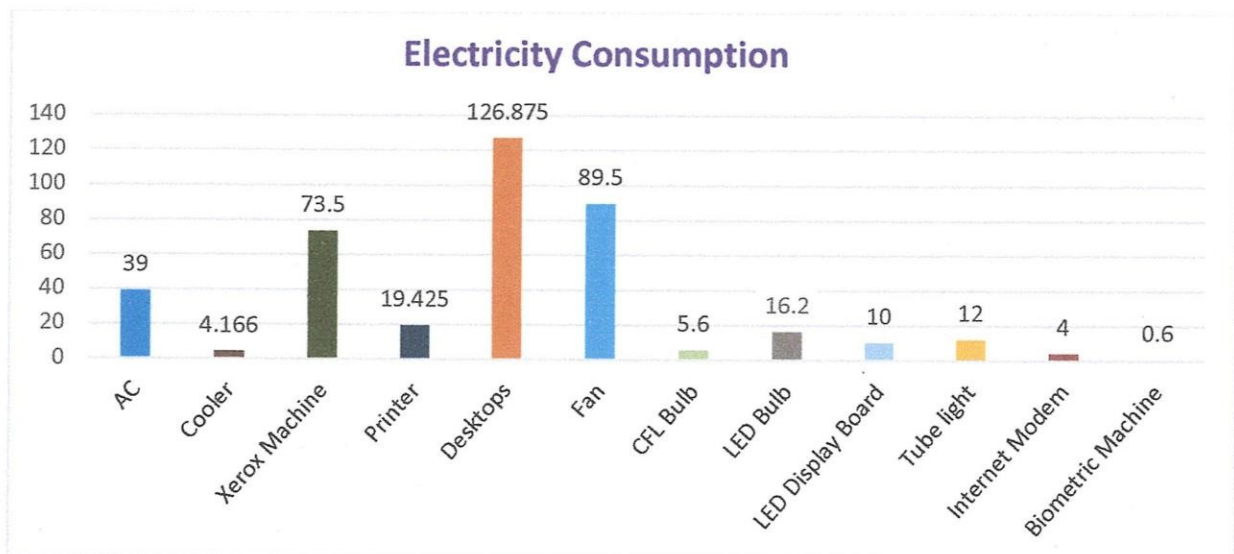
Administrative offices consist of Principle office, clerical section, management office and YCMOU office. The data was collected by actual observation from these offices and the calculation is done. The electricity consumption by the equipment is shown in following table.




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| Sr. No.                        | Equipment                  | No. of Units | Avg. Wattage/unit | Avg. Daily Use/unit (Hours) | Total Consumption (kWh/month) (25 Days/month) |
|--------------------------------|----------------------------|--------------|-------------------|-----------------------------|---|
| 1.                             | AC (1.5 Ton)               | 1            | 1.56 kW           | 1                           | 39  |
| 2.                             | Cooler                     | 2            | 200 Watts         | 5 (2 Month)                 | 50 (2 Month) = 4.166                          |
| 3.                             | Xerox Machine              | 1            | 1.47 kW           | 2                           | 73.5  |
| 4.                             | Laser/Inkjet Printer       | 3            | 259 Watts         | 1                           | 19.425  |
| 5.                             | Desktops (All in One)      | 7            | 145 Watts         | 5                           | 126.875                                       |
| 6.                             | Table Fan                  | 2            | 55 Watts          | 2                           | 5.5   |
| 7.                             | Ceiling Fan                | 8            | 60 Watts          | 7                           | 84  |
| 8.                             | CFL Bulb                   | 1            | 32 Watts          | 7                           | 5.6   |
| 9.                             | LED Bulb                   | 36           | 18 Watt           | 1                           | 16.2  |
| 10.                            | LED Display Board          | 1            | 50 Watt           | 8                           | 10  |
| 11.                            | T12 Fluorescent Tube light | 3            | 40 Watts          | 4                           | 12  |
| 12.                            | Biometric Machine          | 1            | 3 Watts           | 8                           | 0.6   |
| 13.                            | Internet Modem             | 2            | 10 Watts          | 8                           | 4   |
| <b>Total Power Consumption</b> |                            |              |                   |                             | <b>400.866 kWh/month</b>                      |



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The electric equipment in Administrative Offices consume about 400.866 kWh electricity per month. The major electric is consumed by Desktops i.e. 126.875 kWh/month followed by ceiling fans (84 kWh/month) and Xerox machine (73.5 kWh/month). Other equipment consumes less electricity as they are less in number. The electricity consumption for lighting purpose is less due to use more number of LED bulbs.

## 5.0 Electricity Consumption in Departments, Laboratories, Library and IQAC

The electricity is used in all Science Departments as most of the departments use electrical operated laboratory equipment. The details of major equipment and its power consumption is given in following table.

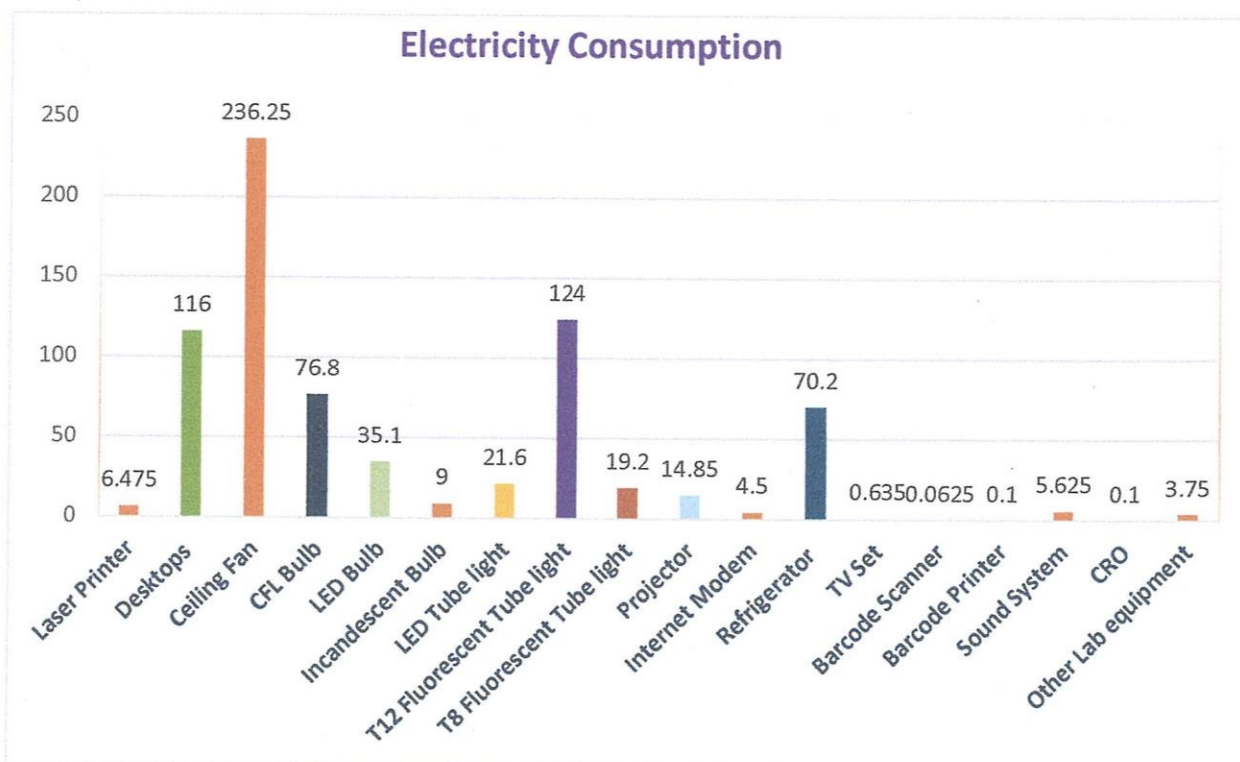
| Sr. No. | Equipment                  | No. of Units | Avg. Wattage/unit | Avg. Daily Use/unit (Hours) | Total Consumption (kWh/month) (25 Days/month) |
|---------|----------------------------|--------------|-------------------|-----------------------------|---|
| 1.      | Laser Printer              | 4            | 259 Watts         | 0.25                        | 6.475   |
| 2.      | Desktops                   | 32           | 145 Watts         | 1                           | 116   |
| 3.      | Ceiling Fan                | 63           | 60 Watts          | 2.5                         | 236.25  |
| 4.      | CFL Bulb                   | 16           | 32 Watts          | 6                           | 76.8  |
| 5.      | LED Bulb                   | 13           | 18 Watt           | 6                           | 35.1  |
| 6.      | Incandescent Bulb          | 3            | 30 Watt           | 4                           | 9   |
| 7.      | LED Tube light             | 6            | 24 Watt           | 6                           | 21.6  |
| 8.      | T12 Fluorescent Tube light | 31           | 40 Watts          | 4                           | 124   |
| 9.      | T8 Fluorescent Tube light  | 4            | 32 Watt           | 6                           | 19.2  |
| 10.     | Biometric Machine          | 1            | 3 Watts           | Off Condition               | 00.00   |
| 11.     | Projector                  | 4            | 297 Watts         | 0.5                         | 14.85   |
| 12.     | Internet Modem             | 3            | 10 Watts          | 6                           | 4.5   |
| 13.     | Refrigerator               | 2            | 150 Watts         | 6 hrs. Compressor +         | 70.2 (30 Days)                                |

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|                                |                        |    |                      | 18 hrs.<br>non-<br>compressor |                           |
|--------------------------------|------------------------|----|----------------------|-------------------------------|---------------------------|
| 14.                            | TV Set                 | 1  | 50 Watts             | 0.5                           | 0.635                     |
| 15.                            | Barcode Scanner        | 1  | 2.5 Watts            | 1                             | 0.0625                    |
| 16.                            | Barcode Printer        | 1  | 20 Watts             | 0.2                           | 0.1                       |
| 17.                            | Sound System           | 1  | 300 Watts            | 0.75                          | 5.625                     |
| 18.                            | CRO                    | 1  | 40 Watts             | 0.1                           | 0.1                       |
| 19.                            | Other Lab<br>equipment | 10 | 15 Watt<br>(average) | 1                             | 3.75                      |
| <b>Total Power Consumption</b> |                        |    |                      |                               | <b>744.2475 kWh/month</b> |



The major electricity consumption is done by ceiling fan which is equal to 236.25 kWh/month followed by Fluorescent Tube light (124 kWh/month) and Desktops (116 kWh/month). Other equipment consumes less electricity as their number is less. Electricity consumption in these sections can be reduced by replacing conventional tube lights and bulbs with LED bulbs/ tube light.

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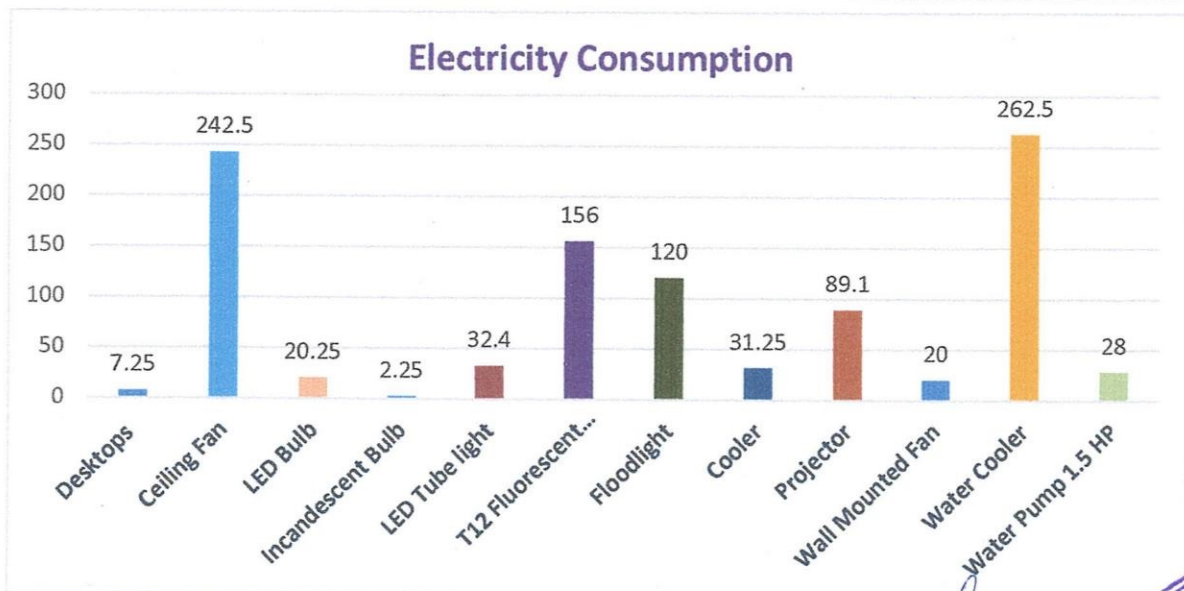




## 6.0 Electricity Consumption in Classrooms, Seminar Hall, Indoor Stadium, Corridor & Ground

The details of electricity consumption in classrooms, seminar hall, indoor stadium and remaining area of the college campus is given in following table.

| Sr. No.                        | Equipment                  | No. of Units | Avg. Wattage/unit | Avg. Daily Use/unit (Hours) | Total Consumption (kWh/month) (25 Days/month) |
|--------------------------------|----------------------------|--------------|-------------------|-----------------------------|---|
| 1.                             | Desktops                   | 1            | 145 Watts         | 2                           | 7.25  |
| 2.                             | Ceiling Fan                | 97           | 50 Watts          | 2                           | 242.5   |
| 3.                             | LED Bulb                   | 90           | 18 Watt           | 0.5                         | 20.25   |
| 4.                             | Incandescent Bulb          | 1            | 30 Watt           | 3                           | 2.25  |
| 5.                             | LED Tube light             | 18           | 24 Watt           | 3                           | 32.4  |
| 6.                             | T12 Fluorescent Tube light | 52           | 40 Watts          | 3                           | 156   |
| 7.                             | Floodlight                 | 4            | 100 Watts         | 10                          | 120 (30 Days)                                 |
| 8.                             | Cooler                     | 5            | 500 Watts         | 0.5                         | 31.25   |
| 9.                             | Projector                  | 6            | 297 Watts         | 2                           | 89.1  |
| 10.                            | Wall Mounted Fan           | 10           | 80 Watts          | 1                           | 20  |
| 11.                            | Water Cooler               | 4            | 750 Watts         | 3.5                         | 262.5   |
| 12.                            | Water Pump 1.5 HP          | 2            | 1.12 kW           | 0.5                         | 28  |
| <b>Total Power Consumption</b> |                            |              |                   |                             | <b>1011.5 kWh/month</b>                       |



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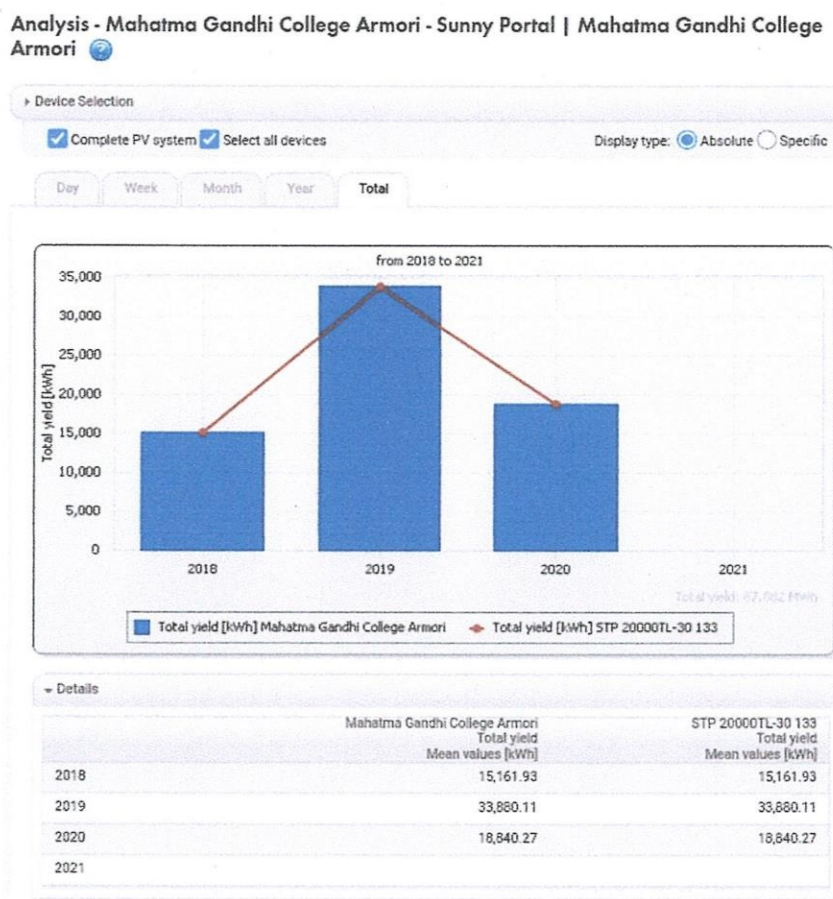


Majority of electricity is consumed by water cooler (262.5 kWh/month) followed by ceiling fans (291 kWh/month).

Total consumption of electricity in the college by all blocks is around **2,156 kWh/month** or **25,872 kWh/annum**. The annual energy yield of Solar PV System is **35,000 kWh**. Hence, the college is generating excess electricity than it needs and extra generated electricity has been feeding to **MSEDCL**. The data of electricity produced by the solar pv system and electricity consumption during June 2018 to September 2021 is summarized in following charts.

### 7.0 Total Yield Vs Total Consumption

During June 2018 to September 2020, the college has total electricity yield 67,882 kWh, whereas total electricity consumption (Internal energy supply + External energy supply) in this duration is 47,951 kWh.



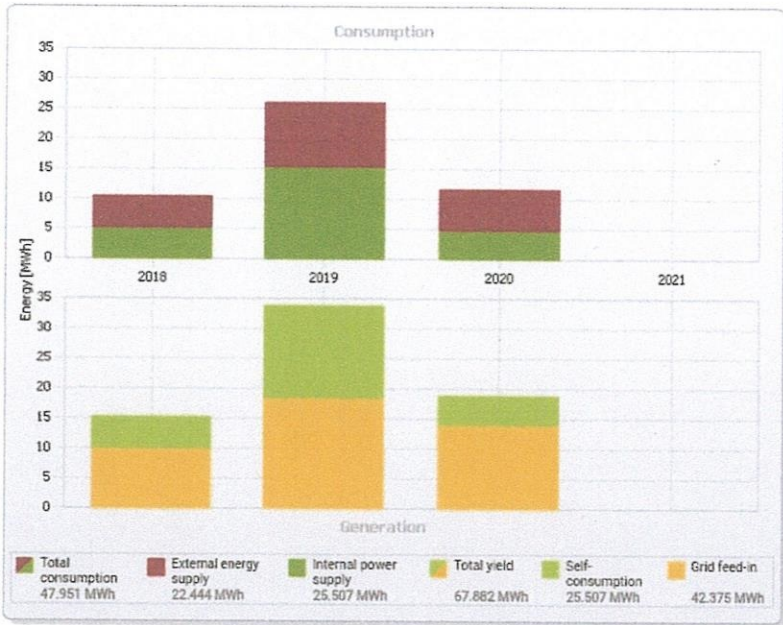
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**ARMORI, Distt.Gadchiroli**



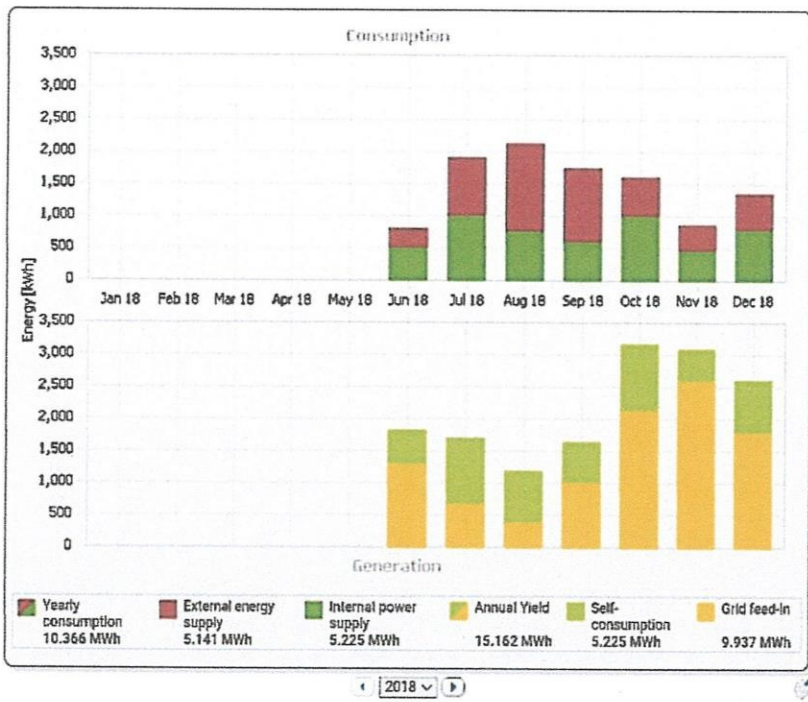
# Energy Balance

Current Day Month Year **Total**



Balance

|                        |            |                       |            |
|------------------------|------------|-----------------------|------------|
| Total consumption      | 47.951 MWh | Total yield           | 67.882 MWh |
| External energy supply | 22.444 MWh | Self-consumption      | 25.507 MWh |
| Internal power supply  | 25.507 MWh | Grid feed-in          | 42.375 MWh |
| Self-sufficiency quota | 53 %       | Self-consumption rate | 38 %       |

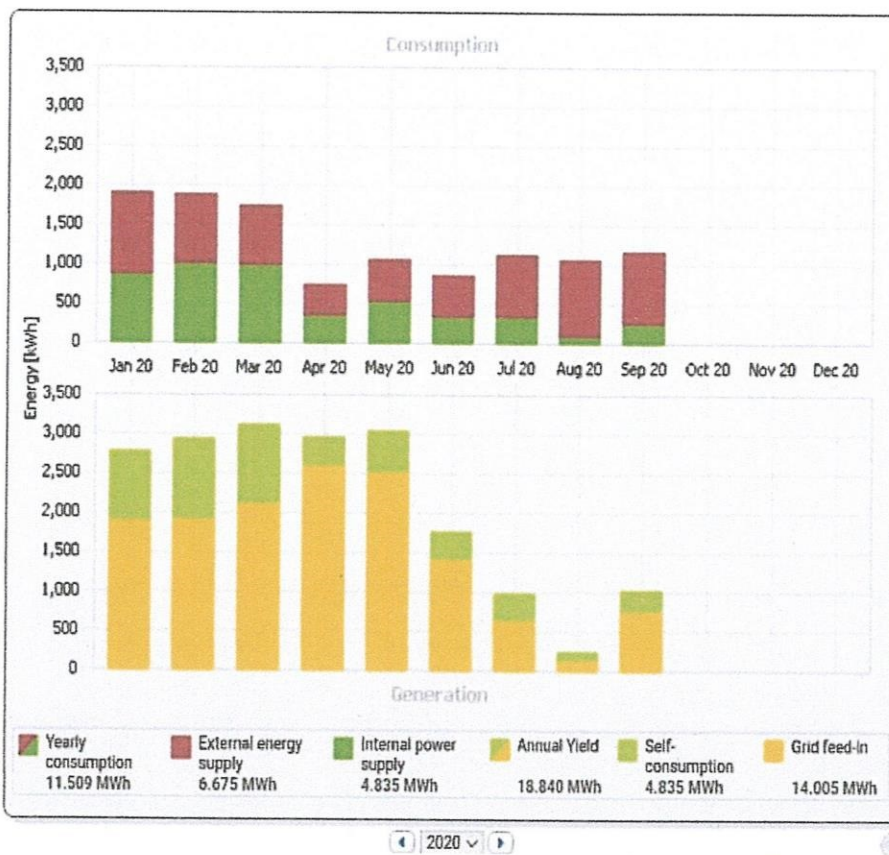
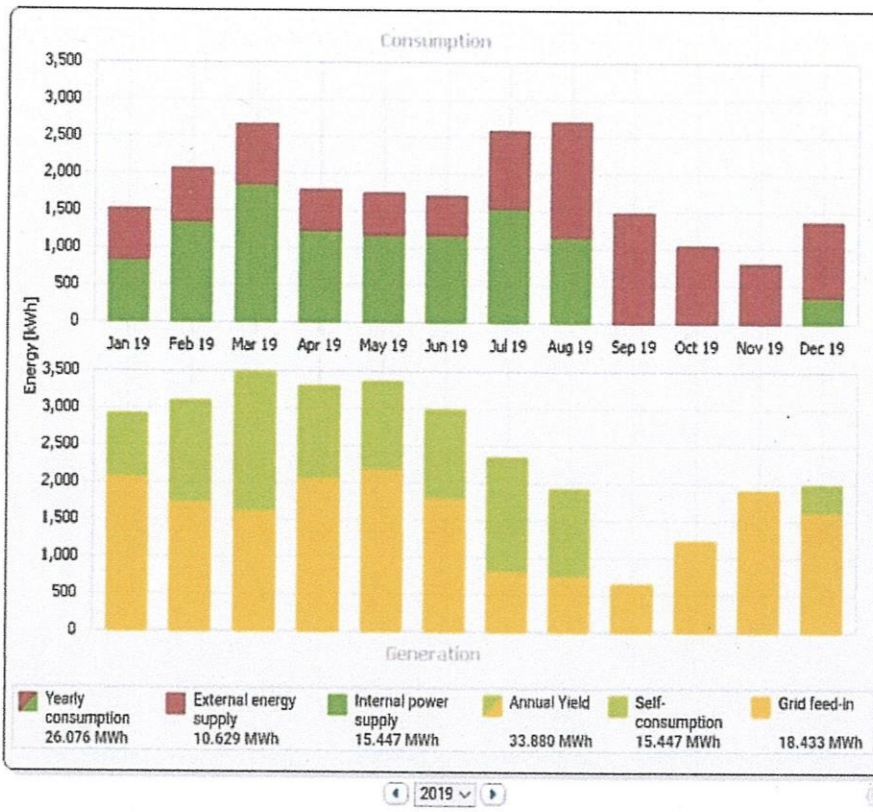


*Chunp*

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The electricity consumption and electricity generation for last six months i.e. April 2021 to Sept. 2021 taken from MSEDCL is summarized as follows.

| SOLAR CONSUMPTION DETAILS |              |              |                  |
|---------------------------|--------------|--------------|------------------|
| Bill Month                | IMPORT Units | EXPORT Units | GENERATION Units |
| SEP-2021                  | 704          | 1443         | 1509             |
| AUG-2021                  | 696          | 1377         | 1377             |
| JUL-2021                  | 341          | 1853         | 1916             |
| JUN-2021                  | 288          | 2002         | 2039             |
| MAY-2021                  | 206          | 2544         | 2578             |
| APR-2021                  | 869          | 2064         | 2071             |



**महाराष्ट्र स्टेट इलेक्ट्रिसिटी डिस्ट्रीब्यूशन कंपनी लि.**

बीज पुरवठा देयक माह: SEP-2021

Website : www.mahadiscom.in  
 GSTIN of MSEDCL 27AAECM2933K1ZB  
 BILL NO.(GGN): 000001319481440

HSN code 27160000

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ग्राहक क्रमांक: 490510119522  
 THE PRINCIPAL M.G. VIDHYALYA HELTH C  
 AT-POSTARMORI DIST-GADCHIROLI ARMORI 442401  
 मोबाइल/ इमेल: 78\*\*\*\*\*94/\*\*\*/oriurban@gmail.com

देयक दिनांक: 16-SEP-21  
 देयक रक्कम रु: 0.00

देय दिनांक: 06-OCT-21  
 या तारखे नंतर भरल्यास: 0.00

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बिलिंग युनिट: 4339 :ARMORI S/DN.  
 दर संकेत: 073 /LT VII(B) Public Service 0-20KW Oth  
 पोल नं: 00000000  
 पी.सी./घर-मार्ग-क्रमांक/टी.सी.: 0 / 40-0014-0974 /4339079  
 मिटर क्रमांक: 055XC463498  
 रिडिंग ग्रुप: 00

पुरवठा दिनांक: 10-Jan-07  
 मंजूर भार: 18 KW  
 सुरक्षा ठेव जमा(रु): 18,130.00  
 चालू रिडिंग दिनांक: 10-SEP-21  
 मागील रिडिंग दिनांक: 10-AUG-21

| चालू रिडिंग | मागील रिडिंग | गुणक अवयव | युनिट | समा. युनिट | एकूण |
|-------------|--------------|-----------|-------|------------|------|
| 31072       | 30368        | 01        | 704   | -704       | 0    |

NORMAL  
 Bill Period:1.03 Month(s) /

### MSEDCL Bill for the Month of September 2021

The data is also collected from the solar meter installed in the college and electricity bill of MSEDCL. From the meter reading, total electricity yield by the solar PV system from June 2018 up to September 2021 is 90666 kWh; the electricity consumption from external energy supply (MSEDCL) in this duration is 31,072 kWh whereas electricity consumption from internal (solar) power supply is 31,905 kWh. Hence, the total



  
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electricity consumption by the college in this duration is 62,977 kWh. Therefore, the Rooftop Solar PV System has generated 27,689 kWh excess electricity which is exported to MSEDCL for community use.

## 8.0 Environment Conservation

The college has been producing electricity by renewable energy source i.e. Solar PV System with annual production of approximately 35,000 kWh. The college not only become energy self-sufficient but also provide approximately 10,000 kWh electricity annually to the community through MSEDCL.

Benefits of Solar PV System installed in the college campus are as follows:

- ◆ Use of green energy source do not produce greenhouse gas emission which reduces air pollution.
- ◆ The installed Solar PV System in the college decreases approximately 24.8 Metric Tons per annum CO<sub>2</sub> emission in the environment.
- ◆ It reduces hazardous toxic waste that would be produced from thermal power plant or nuclear power plant.
- ◆ It reduces consumption of water.

The carbon dioxide-equivalent greenhouse gas emissions data is calculated by using calculator provided on the website of US Environmental Protection Agency (EPA). Other equivalent ways to express those emissions are also presented.

The screenshot shows the EPA Greenhouse Gas Equivalency Calculator interface. The browser address bar displays 'epa.gov/energy/greenhouse-gas-equivalencies-calculator'. The 'If You Have Emissions Data' tab is selected. The input field contains '35000' and the unit is 'kilowatt-hours of electricity'. A green 'Calculate' button is visible. Below the input, the 'Equivalency Results' section shows '24.8 Metric Tons'. A note states: 'The sum of the greenhouse gas emissions you entered above is of Carbon Dioxide Equivalent. This is equivalent to:'. Underneath, two boxes illustrate the equivalent emissions: '5.4 Passenger vehicles driven for one year' and '62,337 Miles driven by an average passenger vehicle'.

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## Equivalency Results


[How are they calculated?](#)

The sum of the greenhouse gas emissions you entered above is of Carbon Dioxide Equivalent. This is equivalent to:

24.8 Metric Tons

### Greenhouse gas emissions from


5.4



Passenger vehicles driven for one year

-or-


62,337



Miles driven by an average passenger vehicle

### CO<sub>2</sub> emissions from


2,791



gallons of gasoline consumed

-or-

2,437



gallons of diesel consumed

-or-


27,415



Pounds of coal burned

-or-


0.328



tanker trucks' worth of gasoline

-or-


3



homes' energy use for one year

-or-

4.5



homes' electricity use for one year

-or-

<https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>




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**0.137**



railcars' worth of coal burned

**57.4**




barrels of oil consumed

**1,014**



propane cylinders used for home barbeques

**0**



coal-fired power plants in one year

**3,017,210**



number of smartphones charged


**Greenhouse gas emissions avoided by**

**8.4**



Tons of waste recycled instead of landfilled

**1.2**




Garbage trucks of waste recycled instead of landfilled

**1,055**



trash bags of waste recycled instead of landfilled

**0.005**



Wind turbines running for a year

<https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>

*Chung*

*[Signature]*  
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### Solar PV System installed on the College Rooftop

#### 9.0 Recommendations

The college has become energy self-sufficient due to installation of Solar PV System and supplying extra electricity to community through MSEDCL. Still some of the recommendations are given bellow to reduce electricity consumption.

- \* Old Fluorescent Tube Lights can be replaced by LED lights to reduce electricity consumption.
- \* Old Desktops and instruments can be replaced with ones having energy efficient certification.
- \* Old Ceiling fans can also be replaced by energy efficient fans.
- \* Switch off equipment when they are not in use.
- \* Replace faulty equipment.

Dr. C. D. Mungmode  
Department of Physics



PRINCIPAL  
M.G.Arts,Science &  
Late N.P.Commerce College  
ARMORI, Distt.Gadchiroli

## **CONTENT**

### **Invoice of Solar Panel, LED Bulb, Projector and Consumer Information**

| <b>SR.<br/>NO.</b> | <b>EVIDENCE PARTICULARS</b>                                     |
|--------------------|---|
| <b>1.</b>          | <b>Invoice of Solar Panel</b>                                   |
| <b>2.</b>          | <b>Work order of Solar Panel</b>                                |
| <b>3.</b>          | <b>Financial Proposal of Fortune Energy Sol<sup>n</sup> LLP</b> |
| <b>4.</b>          | <b>Consumer Information</b>                                     |
| <b>5.</b>          | <b>LED Bulb Bill</b>  |
| <b>6.</b>          | <b>Projector Bill</b>   |
| <b>7.</b>          | <b>Percentage of Annual Lighting of LED Bulb</b>                |
| <b>8.</b>          | <b>Wheeling to Grid</b>   |



**Tax Invoice**

|   |  |  |  |
|---|--|--|--|
| <b>Fortune Energy Solution LLP</b><br>401, Utkarsh Rajnigandha Apt.<br>Lane No 1, Khare Town<br>Dharampath, Nagpur.<br>GSTIN/UIN: 27AAEFF8801C1Z0<br>State Name: Maharashtra, Code: 27<br>CIN: AAH-4070<br>Contact: 07122569999, 9763410000<br>E-Mail: info@fortuneenergysolution.com |  | Invoice No.<br><b>6</b>                    | Dated<br><b>28-Sep-2017</b>  |
| Consignee<br><b>Mahatma Gandhi Collage, Armori</b><br>Wadsa Road, Bardi, At Po Ta Armori, District<br>Gadchiroli<br>PAN/IT No : AAAJN2356F<br>State Name : Maharashtra, Code : 27   |  | Delivery Note<br>Supplier's Ref.           | Mode/Terms of Payment<br><b>By Cheque/RTGS</b><br>Other Reference(s) |
| Buyer (if other than consignee)<br><b>Mahatma Gandhi Collage, Armori</b><br>Wadsa Road, Bardi, At Po Ta Armori, District<br>Gadchiroli<br>PAN/IT No : AAAJN2356F<br>State Name : Maharashtra, Code : 27   |  | Buyer's Order No.<br>Despatch Document No. | Dated<br>Delivery Note Date  |
|   |  | Despatched through<br>Terms of Delivery    | Destination<br><b>Armori</b>   |

| SI No | Description of Goods  | HSN/SAC | Quantity     | Rate  | per | Amount       |
|-------|---|---------|--------------|-------|-----|--------------|
| 1     | Solar Power Generation System 25.175kWp<br>Seraphim 265Wp Mono Module 95 Nos.<br>SMA STP 20000TL-30 Solar Inverter<br>Aluminium Structure with S.S. Nut Bolts<br>B.O.S. |         | 25,175.00 Wp | 75.00 | Wp  | 18,88,125.00 |
|       | INPUT CGST 2.5%   |         |              |       |     | 47,203.00    |
|       | INPUT SGST 2.5%   |         |              |       |     | 47,203.00    |
|       | Total   |         | 25,175.00 Wp |       |     | 19,82,531.00 |

Amount Chargeable (in words) **INR Nineteen Lakh Eighty Two Thousand Five Hundred Thirty One Only** E. & O.E

| HSN/SAC | Taxable Value | Central Tax |           | State Tax |           | Total Tax Amount |
|---------|---------------|-------------|-----------|-----------|-----------|------------------|
|         |               | Rate        | Amount    | Rate      | Amount    |                  |
|         | 18,88,125.00  | 2.50%       | 47,203.00 | 2.50%     | 47,203.00 | 94,406.00        |
| Total   | 18,88,125.00  |             | 47,203.00 |           | 47,203.00 | 94,406.00        |

Tax Amount (in words) : **INR Ninety Four Thousand Four Hundred Six Only**

**Remarks**  
 Warranties & Guarantees: As per respective manufacturer warranty and guarantee.  
 Company's VAT TIN: 27081426880V  
 Company's CST No: 27081426880C  
 Company's PAN: AAJFF8801C

**Declaration**  
 I/We hereby certify that recipient registration certificate number the Maharashtra Value Added Tax Act, 2002 in its force and invoice is made by recipient in the manner specified in this law and shall be accounted for in its turnover of sales or value of sales and the State, if any, payable on the sale tax has been paid or shall be paid.



**Company's Bank Details**  
 Bank Name : Punjab National Bank  
 A/c No. : 2162002100011826  
 Branch & IFS Code : Bharat Nagar Nagpur & PUNE0216200

Customer's Seal and Signature

**PRINCIPAL**  
 M.G.Arts, Science &  
 Late N.P. Commerce College  
 ARMORI, Dist. Gadchiroli

SUBJECT TO NAGPUR JURISDICTION  
 This is a Computer Generated Invoice  
**Mahatma Gandhi Arts,  
 Science & Late  
 N. P. Commerce College,  
 Armori, Dist - Gadchiroli**

for Fortune Energy Solution LLP  
  
 Authorized Signatory



MAHATMA GANDHI ARTS, SCIENCE &  
LATE NASARUDDINBHAI PANJWANI COMMERCE COLLEGE  
ARMORI Dist. Gadchiroli (M.S.) 441 208  
Re-accredited by NAAC 'A' with 3.02 CGPA

PRINCIPAL  
Dr. Lalsingh H. Khalsa  
M. Sc., Ph. D.  
Mob: 9422153197  
E-mail: [lalsinghkhalsa@yahoo.com](mailto:lalsinghkhalsa@yahoo.com)

S.T.D.: 07137  
Office: 266558/266043  
Fax : 266558  
E-mail : [mcollege.armori@gmail.com](mailto:mcollege.armori@gmail.com)

Letter No. 501/17

Date 29/08/2017

To,  
MR. SHRIPAL KHAJANCHI  
FORTUNE ENERGY SOLUTION LLP  
101, Rajnandini, Khare Town  
Dharampethi, Nagpur (MS)

Subject: Work Order for Supply, install, testing and commissioning of on-Grid solar PV rooftop power plant at our institution campus.

Dear Sir,

With reference to your proposal dt. 09/07/2017, the Purchasing Committee of the institution in its meeting has approved your proposal with that effect the following work order is made as per the financial proposal, general terms and condition were mentioned and the discussion.


So you are requested to supply and install the following components as per mentioned in technical specification in a due time period upto 10<sup>th</sup> November 2017.

|   |   |                   |
|---|---|-------------------|
| 1 | PV module and Quantity                                | 95x265 Wp Mono    |
| 2 | System size / price summary                           | 25.175 kWp        |
| 3 | Annual energy yield kWh                               | 35000kWh          |
| 4 | Supply as per the specification in technical proposal | 1888125           |
| 5 | Price per watt peak                                   | 75.00             |
| 6 | Price Per Kilo Watt Peak                              | 75000             |
|   | <b>Total</b>  | <b>1888125.00</b> |

Service Support: Onsite, Telephonic, Internet, on lineduring warranty. You are requested to immediately depute person for training & installation.



  
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ARMORI, Dist. Gadchiroli

  
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N. P. Commerce College,  
Armori, Dist - Gadchiroli



# Fortune Energy Solution LLP

Save Energy, Save Money, Live Happily.

Authorized Distributor of Kirloskar Solar Pumps for Vidarbha.  
EPC in On Grid, Off Grid Solar Power Plant and  
Kirloskar Solar Water Pumping system.



Enriching Lives  
KIRLOSKAR BROTHERS LIMITED

|   |                                 |                       |   |
|---|---------------------------------|-----------------------|---|
| 6 | AC Cables                       | Polycab               | Four core 16 sq mm aluminium armoured cables as per site requirement.                     |
| 7 | Module Mounting Structures      | Full rail aluminium.  | Anodized Aluminium, with S.S. Nut and Bolts.  |
| 8 | Earthing & Lightning Protection | OBO Betterman Germany | 15 years Manufacturer warranty, Dedicated for Inverter, PV Module with M.M.S. & Lighting. |
| 9 | Online Monitoring System        | SMA Home Manager 2.0  | Includes software for monitoring of Generation of all Inverters.                          |

## 5. Financial Proposal:

### 5.1 On-Grid System:

Price for design, supply, installation, testing & commissioning (Turn Key) :

|   |                   |
|---|-------------------|
| PV Module & Quantity                                  | 95 x 265 Wp Mono. |
| System Size / Price Summary                           | 25.175 kWp        |
| Annual energy yield kWh                               | 35000 kWh         |
| Supply as per the specification in technical proposal | 1888125           |
| Price Per Watt Peak                                   | 75.00             |
| Price Per Kilo Watt Peak.                             | 75000             |
| <b>Total</b>  | <b>1888125</b>    |

\*GST @ 5% will be extra in above price.

Prices are quoted with consideration of Installation at Your collage on RCC roof.

### Payment Schedule:

- 55% advance on release of purchase order.
- 40% before despatch of modules from our warehouse (on Proforma Invoice)
- 5% After commissioning of the system.

|             |  |
|-------------|--|
| Exclusions: | Computer (for generation monitoring), internet connectivity and related hardware |
|             | Construction water and power.  |

## 6. Terms & Conditions:

### 6.1 General Terms:

- Validity: This proposal will remain valid for 30 days from the date of issue
- Delivery & Installation: Delivery of material at site will be 2 weeks from the date of purchase order and release of advance. Installation will be dependent on the conditions available at the site or as per the agreement with customer during the issue of purchase order.
- Installation & Commissioning: Free
- Warranties & Guarantees: As per respective manufacturer warranty and guarantee
- The PV systems will have 365 days' warranty from date of Installation and Commissioning.
- 20 kVa Load Extension and Net Metering will be our scope of work. Security Deposit for Meter will be extra as actual.

20G · DHIRAJ'S

01, Rajnigandha, Khare Town, Dharampeth, Nagpur - 440010.

Mobile 9422151123, 9763410000. E-mail - info@fortuneenergysolution.com

2021, 16:07



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Science & Late  
N. P. Commerce College,  
Armorel, Dist - Gadchiroli





## Maharashtra State Electricity Distribution Co. Ltd.

### Consumer Information

|   |  |
|---|--|
| <b>Application ID</b>                   | 14261918   |
| <b>Application Date</b>                 | 10-Jan-18  |
| <b>Consumer No</b>                      | 490510119522   |
| <b>Sanctioned Load</b>                  | .2 KW  |
| <b>Contract Demand (KVA)</b>            | 0 KVA  |
| <b>Consumer Name</b>                    | THE PRINCIPAL M.G. VIDHYALYA HELTH C M.G. VIDHYALYA HEALTH C |
| <b>Address</b>                          | AT-POST:ARMORI DIST-GADCHIROLI AT-POST:ARMORI ARMORI 442401  |
| <b>Mobile No</b>                        | 9403235866   |
| <b>Email Address</b>                    |  |
| <b>Consumer Category</b>                | Public Services  |
| <b>Service Type</b>                     | Renewable Energy Sources                                     |
| <b>Supply Type</b>                      | LT-SUPPLY  |
| <b>RE Source</b>                        | Solar  |
| <b>RE Capacity (KW)</b>                 | 20   |
| <b>Scheme Name</b>                      |  |
| <b>Arrangement Type</b>                 |  |
| <b>Total Applied RE Capacity</b>        | 20 KW  |
| <b>Applied Chronology</b>               |  |
| <b>No of Documents Online Uploaded.</b> | 0  |
| <b>Application Status</b>               | Meter Assignment Approved (Paid Offline)                     |
| <b>Region Name/Zone Name</b>            | NAGPUR REGION / CHANDRAPUR ZONE                              |
| <b>Circle Name/Division Name</b>        | GADCHIROLI CIRCLE / GADCHIROLI DIVISION                      |
| <b>Sub Division Name/BU</b>             | ARMORI S/DN. / 4339  |

### Firm Quotation / Demand Note

| Estimate No | Estimate Date | Type | Description                | Amount (Rs.)  |
|-------------|---------------|------|----------------------------|---------------|
| 9491449     | 17-Jan-18     | LT   | FIRST SECURITY DEPOSIT     | 10000         |
|             |               |      | GOODS AND SERVICE TAX      | 27            |
|             |               |      | PROCESSING FEE             | 100           |
|             |               |      | SERVICE CONNECTION CHARGES | 50            |
|             |               |      |                            | Total : 10177 |



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Armori, Dist - Gadchiroli

8/25/2021

Solar RTS Status

Maharashtra State Electricity Distribution Co. Ltd.

NEW CONNECTION SOLAR ROOFTOP CHANGE OF NAME LOAD CHANGE RE-CONNECTION ADDRESS CORRECTION SD REFUND INSTALL

CHECK SOLAR RTS APPLICATION STATUS , PAY FIRM QUOTATION / DEMAND NOTE AND UPLOAD DOCUMENTS.

Search

Search By : Consumer Number

Application Type :  RoofTop Solar PV  RoofTop Solar PV Enhancement

Consumer Number: 490510119522


9Y6DZY

Enter the above characters in the box.

XSRF8Q

Submit Reset

| Consumer Information             |  |
|----------------------------------|--|
| Application ID                   | 14261918   |
| Application Date                 | 10-Jan-18  |
| Consumer No                      | 490510119522   |
| Sanctioned Load                  | .2 KW  |
| Contract Demand (KVA)            | 0 KVA  |
| Consumer Name                    | THE PRINCIPAL M.G. VIDHYALYA HELTH C M.G. VIDHYALYA HEALTH C |
| Address                          | AT-POST:ARMORI DIST-GADCHIROLI AT-POST:ARMORI ARMORI 442401  |
| Mobile No                        | 9403235866   |
| Email Address                    |  |
| Consumer Category                | Public Services  |
| Service Type                     | Renewable Energy Sources                                     |
| Supply Type                      | LT-SUPPLY  |
| RE Source                        | Solar  |
| RE Capacity (KW)                 | 20   |
| Scheme Name                      |  |
| Arrangement Type                 |  |
| Total Applied RE Capacity        | 20 KW  |
| Applied Chronology               |  |
| No of Documents Online Uploaded. | 0  |
| Application Status               | Meter Assignment Approved (Paid Offline)                     |
| Region Name/Zone Name            | NAGPUR REGION / CHANDRAPUR ZONE                              |
| Circle Name/Division Name        | GADCHIROLI CIRCLE / GADCHIROLI DIVISION                      |
| Sub Division Name/BU             | ARMORI S/DN. / 4339  |

  
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Armori, Dist - Gadchiroli

Firm Quotation / Demand Note

8/25/2021

### Solar RTS Status

| Estimate No | Estimate Date | Type | Description                | Amount (Rs.)  |
|-------------|---------------|------|----------------------------|---------------|
| 9491449     | 17-Jan-18     | LI   | FIRST SECURITY DEPOSIT     | 10000         |
|             |               |      | GOODS AND SERVICE TAX      | 27            |
|             |               |      | PROCESSING FEE             | 100           |
|             |               |      | SERVICE CONNECTION CHARGES | 50            |
|             |               |      |                            | Total : 10177 |

[Print](#)

| Receipt Details         |          |           |              |               |
|-------------------------|----------|-----------|--------------|---------------|
| Description             | Number   | Date      | Amount (Rs.) |               |
| SERVICE CONNECTION CHRG | 01042976 | 17-Jan-18 | 50           |               |
| PROCESSING FEES         | 01042976 | 17-Jan-18 | 100          |               |
| GOODS AND SERVICE TAX   | 01042976 | 17-Jan-18 | 27           |               |
| FIRST SECURITY DEPOSIT  | 01042976 | 17-Jan-18 | 10000        |               |
|                         |          |           |              | Total : 10177 |

[Print Receipt](#)

| Technical Feasibility Information |           |
|-----------------------------------|-----------|
| DTC Code                          | 4339079   |
| Tech Feasibility Done Date        | 12-Jan-18 |
| RE Generation Sanctioned Date     |           |
| Latitude                          |           |
| Longitude                         |           |
| Sanctioned RE Capacity            | 0 KW      |

[Commission Documents Upload](#)

| Meter Assignment Information  |           |
|-------------------------------|-----------|
| Meter Serial No.              | XC463498  |
| Meter Receipt Date            | 15-May-18 |
| Install Date                  | 18-May-18 |
| Supply Date                   | 18-May-18 |
| Meter Make                    | 055       |
| Meter Make Name               | Secure    |
| RE Generating Commission Date |           |
| Solar Agreement Date          |           |
| Solar Appc Rate               |           |

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Airmori, Dist: *Uttichawal*



8/25/2021

View RE Consumption



Web Self Service

Web Self Service Home > View RE Consumption

View RE Consumption

Home

New User Registration

Login

Forgot Login Name/Password?

View/Pay Bill

Consumption Calculator

Energy Bill Calculator

New Connection Request

Complaint Registration

Complaint Status

Submit Reading

View HT Consumer Info

View RE Consumption

Track Status, Upload Documents and Pay Charges

\*Online Payment of Other Charges

\*Register / Update Mobile number, Email, Aadhar number, TDS and PAN No

New

Below details are only for information purpose

indicates a required field

Solar Consumer Number\* 490510119522

Submit Clear

MSEDCL SOLAR CONSUMER STATIC INFORMATION

Consumer No. : 490510119522  
 Consumer Name : THE PRINCIPAL M.G. VIDHYALYA HELTH C  
 Address : AT-POSTARMORI  
 DIST-GADCHIROLI  
 Pin Code : 442401  
 Circle: GADCHIROLI CIRCLE  
 Division : GADCHIROLI DIVISION  
 SubDivision: ARMORI S/DN.  
 Meter No. : 055-XC463498  
 Tariff : 073/ LT-X B I 0-20KW Pub Ser oth  
 Contract Demand(KVA) : 0  
 Sanctioned Load(KW) : 18  
 RE Arrangement Type : Net Metering Arrangements  
 RE Capacity(KW) : 18  
 Date of Connection : 10-JAN-2007

SOLAR CONSUMPTION DETAILS

| Bill Month | IMPORT Units | EXPORT Units | GENERATION Units |
|------------|--------------|--------------|------------------|
| AUG-2021   | 696          | 1377         | 1377             |
| JUL-2021   | 341          | 1853         | 1916             |
| JUN-2021   | 288          | 2002         | 2039             |
| MAY-2021   | 206          | 2544         | 2578             |
| APR-2021   | 869          | 2064         | 2071             |
| MAR-2021   | 1275         | 347          | 366              |

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*(Signature)*  
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 Mahatma Gandhi Arts,  
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 N. P. Commerce College,  
 Armori, Dist - Gadchiroli





GSTIN: 27CABPD1261M1ZV

Shree Ganeshal Namah  
CASH/CREDIT/TAX INVOICE

# Shreejee

## Security Solution

Mob - 7775000574  
9834387965

Ground Floor, Karvat Complex,  
Opp. HDFC Bank  
Wadsa Road, Bramhapuri,  
Dist - Chandrapur 441206

66

No.....

Date


18/10/2021

Mob. No.

Shri. Principal... Mahatma Gandhi College

Add. Amari... Dist: Gadchiroli

GST No.....

| Sr.  | Particulars   | HSC Code | Qty. | Rate(Rs.) | Amount(Rs.) |
|--|---|----------|------|-----------|-------------|
| ①  | Desktop,<br>Intel Dual core Processor<br>4GB Ram, 500 GB<br>Hard Disk, cabinet,<br>KM |          | 15   | 700/-     | 10,500/-    |
| Passed for Payment of Rs. 10,500/-   |   |          |      |           |             |
| <br>Principal |   |          |      |           |             |

I/We Herewith Certify that my/our Registration Certificate Under the Goods Services Tax Act-2017 is in Force on the date on which the sale of goods specified in this Tax Invoice and the Tax Invoice is made by me/us and that transaction of the sale covered by this "Tax Invoice has been effected by me/us and it shall be accounted for in the turnover of sale while filing of return and the due tax if any payable on the sale has been paid or shall be paid"

Received the goods mentioned hereon credit as per our order & in good condition from SHREEJEE SECURITY SOLUTION we Promised to pay as per your terms & Conditions. We have been explained by the dealers all about the procedure of settlement of claims.

| LACS | TEN THOUSANDS | THOUSANDS | HUNDREDS | TENS | UNITS |
|------|---------------|-----------|----------|------|-------|
| 1    | 0             | 5         | 0        | 0    | 0     |

TERMS & CONDITIONS : 1) Goods once sold will not be taken back or exchanged under any circumstances. 2) Our risk & responsibility ceases no sooner goods leave our premises. 3) interest @ 2% p.m. will be charged from the date of the bill if the payment is not made within seven days. 4) All types of claims will be settled as per the inspection booklet of the manufacturing Company 5) All Subject to Bramhapuri Jurisdiction.

Signature of Receiver

NET SALE

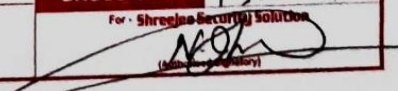
CGST 9 %

SGST 9 %

GROSS-SALE

10,500/-

For: Shreejee Security Solution

  
(Signature of Receiver)


  
2/10



# Multitask Solutions

12, Reshimbag, Umrer Road,  
Nagpur-440009 Ph. 9890929725

## INVOICE

| DM No. :  | Date :  | No.: 11/16-17  |               |                                  |
|---|---|--|---------------|----------------------------------|
| M/s : To, The Principal, Mahatma Gandhi Arts Science & Late<br>N.P. Commerce College, Armori, Gadchiroli, Maharashtra   |   | Date : 10-02-2017  |               |                                  |
| Sr. No  | Particulars   | Rate   | Qty           | Amount                           |
| 1)  | K-YAN INTEGRATED COMMUNITY COMPUTER<br>K-YAN PRO STANDERD<br><br>(6% Vat) | 1,87,750.00/-  | 1             | 1,87,750.00/-<br><br>11,265.00/- |
| <p>Bill By<br/>Multitask Solutions<br/>12, Reshimbag, Umrer Road, Nagpur- 440009 (Maharashtra)<br/>TIN VAT NO. 27691069042V DT. 25.06.2014<br/>CST TIN NO. 27691069042C<br/>Bank Indusind Bank<br/>C/Ac No 2009996661040,<br/>Dhantoli Branch, IFSC Code INDB0000547</p>  |   |        |               |                                  |
| Amount in Words:- One Lac Ninety Nine Thousand Fifteen Rupees only  |   | Total  | 1,99,015.00/- |                                  |
| <p>Goods once sold cannot be taken back. Our responsibility ceases the moment the goods leaves your premise and no claim of breakage etc. will be accepted claim if any settled in Nagpur.<br/>Interest @ 24% will be charge no bill if not paid within one month.<br/>If payment not received in a month we have rights to take back goods paying advance money.<br/>Please make payment in favour of "Multitask Solutions" NAGPUR</p> |   | <p><b>Multitask Solutions</b><br/><i>Prhad</i><br/>For Multitask Solutions<br/>Partner</p> |               |                                  |



*[Signature]*  
Principal  
Mahatma Gandhi Arts,  
Science & Late  
N. P. Commerce College,  
Gadchiroli, Dist. Gadchiroli

**Environmental Consciousness and Sustainability (10)**

**7.1.4 Percentage of annual lighting power requirements met through LED bulbs (Current Year data) (1)**

| <b>Total Lighting requirements</b> | <b>Percentage Lighting through LED bulbs</b> | <b>Percentage Lighting through other sources</b> |
|------------------------------------|--|--|
| 6372 kWh                           | 1507 kWh (23.64 %)                           | 4865 kWh (76.36 %)                               |



  
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Environmental Consciousness and Sustainability (Current Year data) (10)

7.1.2 Alternate Energy initiatives such as:

Percentage of annual power requirement of the Institution met by the renewable energy sources

(1)

| Power requirement met by renewable energy sources | Total power requirement | Renewable energy source | Renewable energy generated and used | Energy supplied to the grid |
|---|-------------------------|-------------------------|-------------------------------------|-----------------------------|
| 25.507 MWh  | 47.951 MWh              | 67.882 MWh              | 25.507 KWh                          | 42.375 MWh                  |



  
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**Permission document for connection to the grid for  
Permission document for connection to the grid from  
government/ electricboard or authority on government/  
electric board or authority**

Billing Unit: 4339 - ARMORI S/DN. S/DN

LT

**CONSUMER DETAILS :**

Appln No.: **14261918** Appln Date : 10-Jan-2018 Consumer No.: **490510119522**

Consumer Name: **THE PRINCIPAL M.G. VIDHYALYA HELTH C M.G. VIDHYALYA HEALTH C** Service Type: Renewable Energy Sources

Billing Address: AT-POST:ARMORI  
Address Line 1 : DIST-GADCHIROLI  
Lane/ Street :AT-POST:ARMORI  
Village : ARMORI  
Pin Code : 442401

Meter Address: AT-POST:ARMORI  
Address Line 1: DIST-GADCHIROLI  
Lane/ Street : AT-POST:ARMORI  
Village : ARMORI  
Pin Code : 442401

Contact Details: Telephone No.: Mobile No: 9403235866 email Id:

Processing Cycle: MRCY-ROUTE-SEQ : 01- POLE NO.: 1

**LOAD ASSESSMENT DETAILS :**

| Load Number             | Load Date   | Item Name       | Wattage | Quantity | Load in W                  |
|-------------------------|-------------|-----------------|---------|----------|----------------------------|
| 16592622                | 10-Jan-2018 | TUBES           | 40.00   | 25       | 1000.00                    |
|                         |             | FAN             | 60.00   | 25       | 1500.00                    |
|                         |             | MOTOR           | 1500.00 | 1        | 1500.00                    |
|                         |             | COMPUTER        | 100.00  | 12       | 1200.00                    |
|                         |             | AIR CONDITIONER | 1800.00 | 1        | 1800.00                    |
|                         |             | WATER COOLER    | 760.00  | 8        | 6080.00                    |
|                         |             | 5 A POWER PLUG  | 60.00   | 40       | 2400.00                    |
|                         |             | CFL             | 20.00   | 51       | 1020.00                    |
|                         |             | 30 A PLUG       | 100.00  | 5        | 500.00                     |
|                         |             | STREET LIGHT    | 500.00  | 6        | 3000.00                    |
| Load Demanded : 0.20 Kw |             |                 |         |          | Load Sanctioned : 20000.00 |

**ESTIMATE GENERATION DETAILS :**

| Estimate Number | Estimate Date | Account Head Name          | Amount in Rs |
|-----------------|---------------|----------------------------|--------------|
| 9491449         | 17-Jan-2018   | FIRST SECURITY DEPOSIT     | 10000.00     |
|                 |               | SERVICE CONNECTION CHARGES | 50.00        |
|                 |               | PROCESSING FEE             | 100.00       |
|                 |               | GOODS AND SERVICE TAX      | 27.00        |
|                 |               |                            | 10177.00     |

**RECEIPT GENERATION DETAILS :**

| Receipt Number  | Receipt Date | Mode of Payment | Manual Receipt Number | Manual Receipt Date | Receipt Type                | Amount in Rs |
|-----------------|--------------|-----------------|-----------------------|---------------------|-----------------------------|--------------|
| 9042242         | 17-May-2018  | Cash            | 01042976              | 17-Jan-2018         | 22-SERVICE CONNECTION CHRGS | 50.00        |
|                 |              |                 | 01042976              | 17-Jan-2018         | 23-PROCESSING FEES          | 100.00       |
|                 |              |                 | 01042976              | 17-Jan-2018         | 32-GOODS AND SERVICE TAX    | 27.00        |
|                 |              |                 | 01042976              | 17-Jan-2018         | 03-FIRST SECURITY DEPOSIT   | 10000.00     |
| Receipt Total : |              |                 |                       |                     |                             | 10177.00     |

**METER DETAILS :**

| Meter Number Make Code | No.of Digits | MF  | Status | Test Lab Number Test Date | Allotment Status Allotment Date | SF KWH |
|------------------------|--------------|-----|--------|---------------------------|---------------------------------|--------|
| XC463498 Secure        | 6            | 1.0 | Normal | 111 07-May-2018           | Alloted 18-May-2018             | 1      |

**UNIT TYPE DETAILS :**

| Unit Type | Serial Number | Make Code                       | Date Of Assignment | CT Ratio | PT Ratio |
|-----------|---------------|---------------------------------|--------------------|----------|----------|
| CT UNIT   | 05329678      | 113-Ashmore Electricals Pvt Ltd | 20-Apr-2016        | 100/5    | NA       |

**METER ASSIGNMENT DETAILS :**

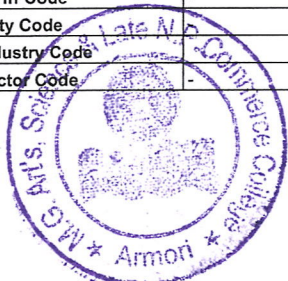
| Substation Name  | 104003  | Licence Number    |
|------------------|---------|-------------------|
| Feeder Name      | 201     | Installation Date |
| Transformer Name | 4339079 | Supply Date       |
|                  |         | 18-May-2018       |

**METER READINGS DETAILS :**

| Reading Date | KW   | KVA  | KWH  | KVAH | RKVAH(Lag) | RKVAH(Lead) |
|--------------|------|------|------|------|------------|-------------|
| 18-May-2018  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
| Slot 1       | 0.0  | 0.0  | 0.0  | 0.0  | 0.0        | 0.0         |
| Slot 2       | 0.0  | 0.0  | 0.0  | 0.0  | 0.0        | 0.0         |
| Slot 3       | 0.0  | 0.0  | 0.0  | 0.0  | 0.0        | 0.0         |
| Slot 4       | 0.0  | 0.0  | 0.0  | 0.0  | 0.0        | 0.0         |

**BILLING CODES DETAILS :**

| Tariff Code   | - | Scale Code          | -     |
|---------------|---|---------------------|-------|
| Duty Code     | - | Authority Type      | -     |
| Industry Code | - | Contract Demand KVA | 20.00 |
| Sector Code   | - | Sanction Demand KVA | 20.00 |



PRINCIPAL  
M.G. Arts, Science &  
Late N.P. Commerce College  
ARMORI, Distt. Gadchiroli

Dy. Executive Engineer  
M.S. Elect. Dist. Co. Ltd.  
Sub-Division, ARMORI



# Maharashtra State Electricity Distribution Company Limited

Web Self Service Home > View RE Consumption

## Web Self Service

### View RE Consumption

Below details are only for information purpose

\* indicates a required field

Home

New User Registration

Login

Forgot Login Name/Password?

View/Pay Bill

Consumption Calculator

Energy Bill Calculator

New Connection Request

Complaint Registration

Complaint Status

Submit Reading

Shri Vilasrao Deshmukh Abhay Yojana

View HT Consumer Info

View RE Consumption

Track Status, Upload Documents and Pay Charges

\*Online Payment of Other Charges

\*Register / Update Mobile number, Email Aadhar number, TDS and PAN No

Process Flow for Shri Vilasrao Deshmukh Abhay Yojna (Help Manual & Video)

Solar Consumer Number\*

Submit Clear

#### MSEDCL SOLAR CONSUMER STATIC INFORMATION

Consumer No. : 490510119522

Consumer Name : THE PRINCIPAL M.G. VIDHYALYA HELTH CLUB

Address : AT -POST: ARMORI  
DIST-GADCHIROLI

Pin Code : 442401

Circle: GADCHIROLI CIRCLE

Division : GADCHIROLI DIVISION

SubDivision: ARMORI S/DN.

Meter No. : 055-XC463498

Tariff : 073/ LT-X B I 0-20KW Pub Ser oth

Contract Demand(KVA) : 0

Sanctioned Load(KW) : 18

RE Arrangement Type : Net Metering Arrangements

RE Capacity(KW) : 18

Date of Connection : 10-JAN-2007

#### SOLAR CONSUMPTION DETAILS

| Bill Month | IMPORT Units | EXPORT Units | GENERATION Units |
|------------|--------------|--------------|------------------|
| APR-2022   | 761          | 974          | 1087             |
| MAR-2022   | 574          | 1518         | 1605             |
| FEB-2022   | 427          | 2122         | 2211             |
| JAN-2022   | 794          | 1330         | 1471             |
| DEC-2021   | 851          | 1467         | 1546             |
| NOV-2021   | 750          | 1840         | 1887             |

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For any queries related to online applications, please mail [customercare@mahadiscom.in](mailto:customercare@mahadiscom.in) or contact our customer care center at 1912,1800-233-3435, 1800-102-3435.

For queries related to your online payment transactions, please mail [helpdesk\\_pg@mahadiscom.in](mailto:helpdesk_pg@mahadiscom.in)



PRINCIPAL  
M.G. Arts, Science &  
Late N.P. Commerce College  
ARMORI, Dist. Gadchiroli





19

GSTIN : 27ALKPK6997M1Z1

Original Copy

**TAX INVOICE**  
**CYBERTECH**

6 SBI COLONY,, ANANTNAGAR  
NAGPUR

Tel. : 9373107887 email : mail@cybertechnp.com

Invoice No. : CT-GST/1048/17-18  
Date of Invoice : 21-09-2017

Place of Supply : Maharashtra (27)  
Reverse Charge : N

**Billed to :**  
The Princiapl  
Mathama Gandhi Arts, Science &  
Late N.P. Commerce College,  
Armori

**Shipped to :**  
The Princiapl  
Mathama Gandhi Arts, Science &  
Late N.P. Commerce College,  
Armori

Party Mobile No :  
GSTIN :

Party Mobile No :  
GSTIN :

| S.N. | Description of Goods                             | HSN/SAC Code | Qty. | Unit | Price     | CGST Rate | CGST Amount | SGST Rate | SGST Amount | Amount ( ) |
|------|--|--------------|------|------|-----------|-----------|-------------|-----------|-------------|------------|
| 1.   | Desktop AIO Lenovo FOCL001GIN<br>CDC/4GB/1TB/DOS | 8471         | 1.00 | Nos. | 20,042.38 | 9.00 %    | 1,803.81    | 9.00 %    | 1,803.81    | 23,650.00  |
| 2.   | UPS 600 VA ARTIS POWERSAFE                       | 8504         | 1.00 | Nos. | 1,525.42  | 9.00 %    | 137.29      | 9.00 %    | 137.29      | 1,800.00   |



Passed for Payment of Rs. 25450/-

*[Signature]*  
Principal

Grand Total 2.00 Nos.

25,450.00

| Tax Rate | Taxable Amt. | CGST     | SGST     | Total Tax |
|----------|--------------|----------|----------|-----------|
| 18%      | 21,567.80    | 1,941.10 | 1,941.10 | 3,882.20  |

**Rupees Twenty Five Thousand Four Hundred Fifty Only**

**Declaration**

I/We hereby certify that our registration certificate under the Maharashtra Value Added Tax Act, 2002 is in force on the date on which the sales of the goods specified in this 'Tax Invoice' is made by me/us and that the transaction of sale covered by this 'Tax Invoice' has been effected by me/us and it shall be accounted for in the turnover of sales while filing of return and the due tax, if any, payable on the sale has been paid or shall be paid.

**Terms & Conditions**

E. & O.E.

1. Goods once sold will not be taken back.
2. Interest @ 18% p.a. will be charged if the payment is not made with in the stipulated time.
3. Subject to 'Nagpur' Jurisdiction only.

Receiver's Signature :

for CYBERTECH  
*[Signature]*  
Authorised Signatory

*Remedial Coaching*

GSTIN : 27ALKPK6997M1Z1

**TAX INVOICE**  
**CYBERTECH**

6 SBI COLONY,, ANANTNAGAR  
NAGPUR

Tel. : 9373107887 email : mail@cybertechnp.com

12

Original Copy

Invoice No. : CT-GST/1043/17-18  
Date of Invoice : 11-09-2017

Place of Supply : Maharashtra (27)  
Reverse Charge : N

**Billed to :**  
The Principl  
Mathama Gandhi Arts, Science &  
N.P. Commerce College,  
ori

**Shipped to :**  
The Principl  
Mathama Gandhi Arts, Science &  
Late N.P. Commerce College,  
Armori

Mobile No :  
IN :

Party Mobile No :  
GSTIN :

| Description of Goods                             | HSN/SAC Code | Qty. | Unit | Price     | CGST Rate | CGST Amount | SGST Rate | SGST Amount | Amount ( ) |
|--|--------------|------|------|-----------|-----------|-------------|-----------|-------------|------------|
| Desktop AIO Lenovo FOCL001GIN<br>CDC/4GB/1TB/DOS | 8471         | 2.00 | Nos. | 20,042.37 | 9.00 %    | 3,607.63    | 9.00 %    | 3,607.63    | 47,300.00  |



Grand Total 2.00 Nos.

Passed for Payment of Rs. 47300/-

47,300.00

| Rate | Taxable Amt. | CGST     | SGST     | Total Tax |
|------|--------------|----------|----------|-----------|
|      | 40,084.74    | 3,607.63 | 3,607.63 | 7,215.26  |

Principal

Fourty Seven Thousand Three Hundred Only

**Declaration**

I/We hereby certify that our registration certificate under the Maharashtra Value Added Tax Act, 2002 is in force on the date on which the sales of the goods specified in this 'Tax Invoice' is made by me/us and that the transaction of sale covered by this 'Tax Invoice' has been effected by me/us and it shall be accounted for in the turnover of sales while filing of return and the due tax, if any, payable on the sale has been paid or shall be paid.

**Conditions**

D.E.  
Goods once sold will not be taken back.  
Interest @ 18% p.a. will be charged if the payment is not made within the stipulated time.  
Subject to 'Nagpur' Jurisdiction only.

Receiver's Signature :

for CYBERTECH  
*[Signature]*  
Authorised Signatory

*to Mr. Coaching*



GSTIN : 27ALKPK6997M1Z1

Original Copy

**TAX INVOICE**  
**CYBERTECH**

6 SBI COLONY,, ANANTNAGAR  
NAGPUR

Tel. : 9373107887 email : mail@cybertechngp.com

Invoice No. : CT-GST/1050/17-18  
Date of Invoice : 23-09-2017

Place of Supply : Maharashtra (27)  
Reverse Charge : N

**Billed to :**  
The Principl  
Mathama Gandhi Arts, Science &  
Late N.P. Commerce College,  
Armori

**Shipped to :**  
The Principl  
Mathama Gandhi Arts, Science &  
Late N.P. Commerce College,  
Armori

Party Mobile No :  
GSTIN :

Party Mobile No :  
GSTIN :

| S.N. | Description of Goods                             | HSN/SAC Code | Qty. | Unit | Price     | CGST Rate | CGST Amount | SGST Rate | SGST Amount | Amount ( ) |
|------|--|--------------|------|------|-----------|-----------|-------------|-----------|-------------|------------|
| 1    | Desktop AIO Lenovo FOCL001GIN<br>CDC/4GB/1TB/DOS | 8471         | 1.00 | Nos. | 20,042.38 | 9.00 %    | 1,803.81    | 9.00 %    | 1,803.81    | 23,650.00  |
| 2    | PRINTER CANAON 2900B                             | 8443         | 1.00 | Nos. | 7,881.36  | 9.00 %    | 709.32      | 9.00 %    | 709.32      | 9,300.00   |

Passed for Payment of Rs. 32950/-

Principal

Grand Total 2.00 Nos.

32,950.00

| Ter. Rate | Taxable Amt. | CGST     | SGST     | Total Tax |
|-----------|--------------|----------|----------|-----------|
| 18%       | 27,923.74    | 2,513.13 | 2,513.13 | 5,026.26  |

**Rupees Thirty Two Thousand Nine Hundred Fifty Only**

**Declaration**

I/We hereby certify that our registration certificate under the Maharashtra Value Added Tax Act, 2002 is in force on the date on which the sales of the goods specified in this 'Tax Invoice' is made by me/us and that the transaction of sale covered by this 'Tax Invoice' has been effected by me/us and it shall be accounted for in the turnover of sales while filing of return and the due tax, if any, payable on the sale has been paid or shall be paid.

**Terms & Conditions**

E.& O.E.

1. Goods once sold will not be taken back.
2. Interest @ 18% p.a. will be charged if the payment is not made with in the stipulated time.
3. Subject to 'Nagpur' Jurisdiction only.

Receiver's Signature :



for CYBERTECH  
*[Signature]*  
Authorised Signatory

*Entry into  
Services.*

6

No Image

TIN : 27410279422 V , 27410279422C

Original Copy

<< TAX INVOICE >>  
**AASHIRVAAD SERVICES**  
 MAIN ROAD DESAIGANJ (WADSA), DIST : GADCHIROLI 441207  
 07137-272715, 9422153041, 9423121358, 9325303253  
 Tel. : 07137-272715 email : aashirvaad\_services@yahoo.co.in

Party Details :  
Principal M.G. College Armori

Invoice No. : 2554  
Dated : 09-03-2015  
Term Of Payment : Credit

Party TIN :

| S.N.               | Description of Goods             | Qty. | Unit | Price     | VAT %  | VAT Amt. | Amount(Rs.)      |
|--------------------|----------------------------------|------|------|-----------|--------|----------|------------------|
| 1.                 | Desktop Lenovo AIO C260-57325928 | 1.00 | Pcs. | 24,619.05 | 5.00 % | 1,230.95 | 25,850.00        |
| 2.                 | Antivirus Quickheal Pro          | 1.00 | Pcs. | 657.14    | 5.00 % | 32.86    | 690.00           |
| <b>Grand Total</b> |                                  |      |      |           |        |          | <b>26,540.00</b> |



Passed for Payment of Rs. 26,540/-  
 Principal

**PAID**

Sale @5%=25,276.19 VAT=1,263.81  
 Rupees Twenty Six Thousand Five Hundred Forty Only

**DECLARATION**

I/We hereby certify that our registration certificate under the Maharashtra Value Added Tax Act, 2002 is in force on the date on which the sales of the goods specified in this 'Tax Invoice' is made by me/us and that the transaction of sale covered by this 'Tax Invoice' has been effected by me/us and it shall be accounted for in the turnover of sales while filing of return and the due tax, if any, payable on the sale has been paid or shall be paid.

**Terms & Conditions**

- E.B. O.E.
- 1. Goods once sold will not be taken back.
- 2. Interest @ 18% p.a. will be charged if the payment is not made with in the stipulated time.
- 3. Subject to 'Debit' deduction only.
- 4. No warranty for physically damage goods.

Receiver's Signature :

for AASHIRVAAD SERVICES WADSA

Authorized Signatory

*Received  
 MGC Goa KAS  
 through*

GSTIN : 27ALKPK6997M1Z1

Original Copy

**TAX INVOICE**  
**CYBERTECH**

6 SBI COLONY,, ANANTNAGAR  
NAGPUR

Tel. : 9373107887 email : mail@cybertechnp.com

Invoice No. : CT-GST/1044/17-18  
Date of Invoice : 14-09-2017

Place of Supply : Maharashtra (27)  
Reverse Charge : N

**Billed to :**  
The Principl  
Mathama Gandhi Arts, Science &  
Late N.P. Commerce College,  
Armori

**Shipped to :**  
The Principl  
Mathama Gandhi Arts, Science &  
Late N.P. Commerce College,  
Armori

Party Mobile No :  
GSTIN :

Party Mobile No :  
GSTIN :

| Description of Goods                             | HSN/SAC Code | Qty. | Unit | Price     | CGST Rate | CGST Amount | SGST Rate | SGST Amount | Amount ( ) |
|--|--------------|------|------|-----------|-----------|-------------|-----------|-------------|------------|
| Desktop AIO Lenovo FOCL001GIN<br>CDC/4GB/1TB/DOS | 8471         | 1.00 | Nos. | 20,042.38 | 9.00 %    | 1,803.81    | 9.00 %    | 1,803.81    | 23,650.00  |
| UPS 600 VA ARTIS POWERSAFE                       | 8504         | 1.00 | Nos. | 1,525.42  | 9.00 %    | 137.29      | 9.00 %    | 137.29      | 1,800.00   |

Grand Total 2.00 Nos.

25,450.00

| Rate | Taxable Amt. | CGST     | SGST     | Total Tax |
|------|--------------|----------|----------|-----------|
|      | 21,567.80    | 1,941.10 | 1,941.10 | 3,882.20  |

Twenty Five Thousand Four Hundred Fifty Only

**Declaration**

I/We hereby certify that our registration certificate under the Maharashtra Value Added Tax Act, 2002 is in force on the date on which the sales of the goods specified in this 'Tax Invoice' is made by me/us and that the transaction of sale covered by this 'Tax Invoice' has been effected by me/us and it shall be accounted for in the turnover of sales while filing of return and the due tax, if any, payable on the sale has been paid or shall be paid.

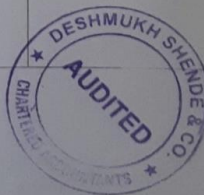
**Conditions**

i.e.  
Goods once sold will not be taken back.  
Interest @ 18% p.a. will be charged if the payment made with in the stipulated time.  
Subject to 'Nagpur' Jurisdiction only.

Receiver's Signature :

for CYBERTECH

Authorised Signatory



*Handwritten note:* Web services

*Handwritten note:* Passed for Payment 25450/- Principal



## **Sensor- based energy conservation**

## Water tank overflow controller

