

SHREE CHAITANYA ELECTRICAL ENGINEERS & CONTRACTORS

Licenced Electrical Contractors

Shop No.4, Muncipal Shopping Centre, Somwar Peth, Karad. 415110.

☎ : 222171, 99701 72371

Ref No. CE/Gen/615

Date : 1-Sep-23

To,
The Principal
Mahila Mahavidyalay, Karad

A. Total annual Lighting requirement

Sr	Item	Quantity	Watt	Hours /day	Annual Days	Total KWH
1	Tubes	45 Nos	40	5	250	2250
2	Tubes	29 Nos	28	4	300	974
3	Led	58 Nos	14	5	250	1015
4	Area Lighting LED	6 Nos	15	12	300	324
Annual Lighting requirement						4563 KWh

- **Annual Lighting requirement** **4563 KWh**
- **Annual Lighting requirement by LED** **1015+324** **1339 KWh**
- **Percentage of annual lighting requirement of institution met LED bulbs** **29 %**

B. Total annual Power requirement

Sr	Item	Quantity	Watt	Hours /day	Annual Days	Total KWH
1	Lighting Load					4563
2	Ceiling Fans	66 Nos	70	5	70	1617
3	Desktop PC	7 Nos	150	8	250	2100
4	laptop	13 Nos	100	1	250	325
5	Printer	14 Nos	500	0.5	250	875
6	Interactive board	10 Nos	700	0.5	250	875
7	Desktop PC	28 Nos	150	2	250	2100
8	Fan	30 Nos	70	12	280	7056
9	Water pump	2 Nos	800	4	250	1600
Total annual Power requirement						21111 KWh

Total annual Power requirement met by renewable energy

- | | | | | |
|---|------------------------------------|--------|-----|-----------|
| 1 | Solar Water heater
2000Ltrs/day | 50 KWh | 300 | 15000 KWh |
|---|------------------------------------|--------|-----|-----------|

- **Annual power requirement** **21111 KWh**
- **Annual power requirement met by renewable energy source** **15000 KWh**
- **Percentage of annual power requirement of institution met by renewable energy source** **71 %**

Thanking you 
IQAC Co-ordinator
Mahila Mahavidyalaya, Karad


Principal
Mahila Mahavidyalaya, Karad

Yours faithfully
Shree Chaitanya Ele. Engrs. & Contrs.


Coordinator

REPORT

Report on Analysis of Water

Name of the firm/Person : Mahila Mahavidyalaya Karad
Sample submitted by : Hrushikesh Karmalkar
Sample location/type : Municipal Water
Sample Container : PET Bottle.
Sample submission date : 12 Dec 2022
Report Issued : 18 Dec 2022

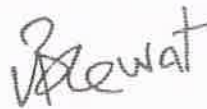
Parameter	Result	Reference Range
Total Dissolved solids	90 mg/L	<200mg/L
Total Hardness as CaCO ₃	46 mg/L	<80 mg/L
Free Chlorine	Not detected	<0.8 ppm
pH	7.76	
Sulphates	In Traces	In Traces
Nitrates	In traces	In traces
MPN for Faecal Coliforms	2	2/ml

Impression:

Within the scope of parameters tested, Suitable for human consumption.

आयक वारनिशी क्लाक
महिला महाविद्यालय, कराड
आ.क्र.९९९ दि. 26/12/2022


IQAC Co-ordinator
Mahila Mahavidyalaya, Karad


Authorized Signatory


Principal
Mahila Mahavidyalaya, Karad

