

**Rayat Shikshan Sanstha's
Arts Science & Commerce College, Mokhada
Dist. Palghar 401 604**

**7.1.2 The Institution has facilities and initiatives for
Alternate sources of energy and energy conservation measures**

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"Education through self help is our motto"- Karmveer Bhaurao

Rayat Shikshan Sanstha's

Arts, Science & Commerce College, Mokhada Dist Palghar 401604

Accredited by NAAC-'B' Grade (CGPA : 2.21)
(Affiliated to University of Mumbai)



POLICY DOCUMENT ON ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES

Arts Science and Commerce College, Mokhada is committed to manage energy in such a systematic way so as to minimize its impact on the environment. This document implies to explore the renewable energy resources to reduce the burden on our environment in order to reduce the energy crisis carbon footprint.

This environment and energy policy is binding for all the components of the institution and applies to all its stakeholders and to the various activities undertaken by the institution. It will help us to embed efficiency and environmental awareness into our everyday activities, thus helping us to realize our responsibilities and commitment to conserve natural resources and to limit its usage.

The important policy objectives are as follows:

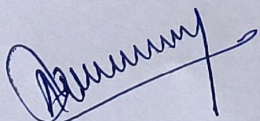
1. To install and use LED bulbs and tube-lights in the college campus to save energy.
2. To invest in power efficient equipments.
3. To create awareness in the local community about efficient energy usage, environment protection and sustainable development.
4. To create awareness by celebrating World Environmental Day, etc.
5. Use of natural lighting and ventilation is encouraged whenever possible.
6. To ensure the availability of necessary resources to achieve our objectives.

➤ Provision of Solar Energy:

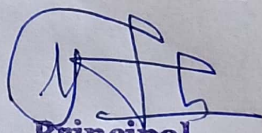
One Solar Power Tie Grid Power Systems of 2.7KW for the use of renewable energy are available in College.

➤ Provision of LED Bulbs and Tubes:

100% LED bulbs and tube lights are used in offices, laboratories, and classrooms on the College Campus to save energy.


(IQAC Co-ordinator)




Principal
Arts, Science & Com. College
Mokhada, Dist. Palghar





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Details of Energy Resources used in College Campus 2021-22

Use of LED Bulbs & Tube lights & Incandescent tubes

Sr. No.	Particulars	LED Tube lights	LED Bulbs	Incandescent Tube lights	CFL Bulbs
Main Building					
1	Principal Cabin	-	8	-	-
2	Examination Section	-	-	2	-
3	Staffroom	2	-	-	-
4	Library	12	1	3	-
5	Office	3	-	1	1
6	Marathi Department	1	1	-	-
7	Economics Department	-	-	-	1
8	Commerce Department	-	-	-	1
9	History Department	-	1	-	-
10	Language Lab	1	-	1	-
11	Reading room	-	-	1	-
12	Physics Laboratory	-	-	2	-
13	Electrical tech. Lab	1	2	-	1
14	Chemistry Laboratory	-	-	2	-
15	Chemistry Department	1	-	-	-
16	Zoology Laboratory	-	1	1	-
17	Botany Laboratory	-	-	2	-
18	Veranda	2	2	1	-
19	Entrance	-	3	-	-
20	Classroom	1	-	-	-
21	Staff Toilet-Gents	-	-	-	1
22	Staff Toilet-Ladies	-	1	-	1
Digital Saksharata Centre					
23	Machine Room 1	5	-	-	-
24	Machine Room 2	5	-	-	-
25	Soft Skill Room	5	-	-	-
26	Digital Saksharata Centre Office	4	-	-	-
27	Library	5	-	-	-
28	Classroom	2	-	-	-
29	Classroom	2	-	-	-
30	Wash Basin	-	1	-	-
Total		52	21	16	06


IQAC Co-ordinator




Principal
Arts, Science & Com. College
Mokhada, Dist. Palghar



Rayat Shikshan Sanstha's

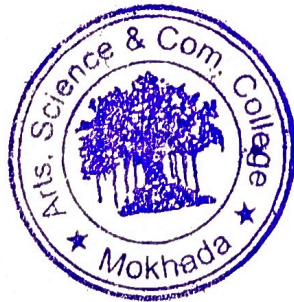
Arts, Science and Commerce College, Mokhada, Dist. Palghar

Report on Use of Conventional Method Energy Saving adopted by College

Date: 03/01/2023

Colleges are the center of motivation for the society and to convey the message of using conventional methods of energy saving our college works keenly. As part of this Bio-Flock unit of our college is operated through the electricity generated by the solar panel. The project is funded by the The Energy and Research Institute (TERI) under the scheme Biofloc technology in Palghar to provide livelihood opportunities for the tribal community. The power of electricity is generated from the solar panel- Solar PCU 3.5KVA with 4 batteries having capacity of 200AH and solar capacity having 2.7 KW capacity.

We are thankful to the TERI for providing us such facility and this helps us to convey the message about energy saving and this can be a role model through which society will be motivated to install similar projects.



Principal
Arts, Science & Com. College
Mokhada, Dist. Palghar

7.1.2 The Institution has facilities and initiatives for

1) Alternate sources of energy and energy Conservation measures

Percentage of lighting power requirements met through LED bulbs

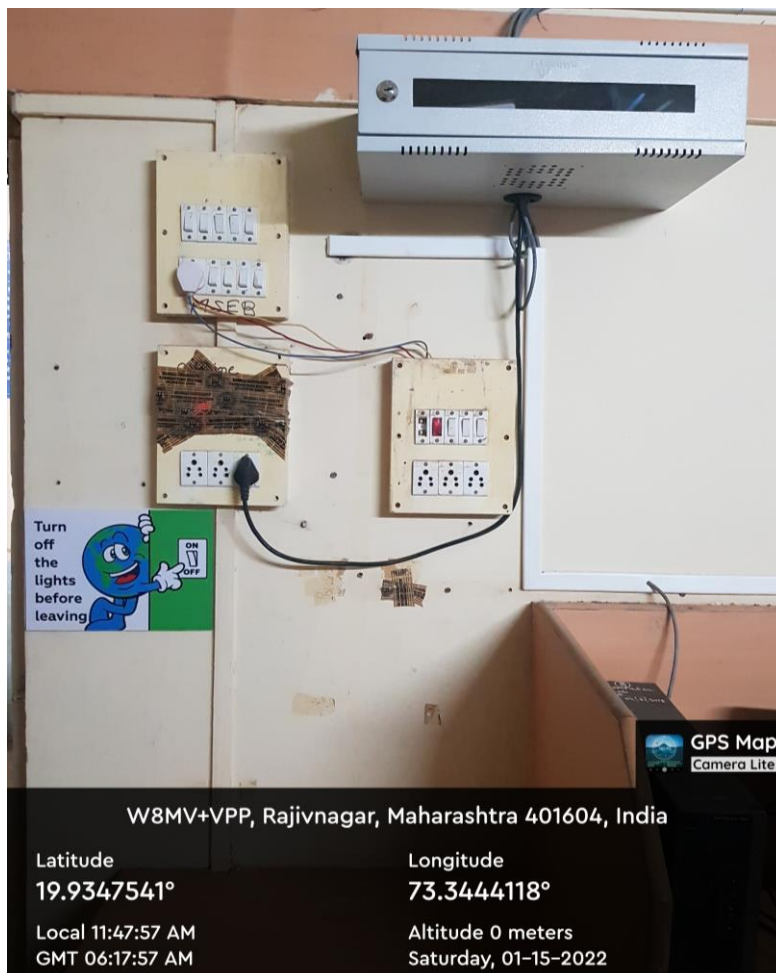
- LED bulb



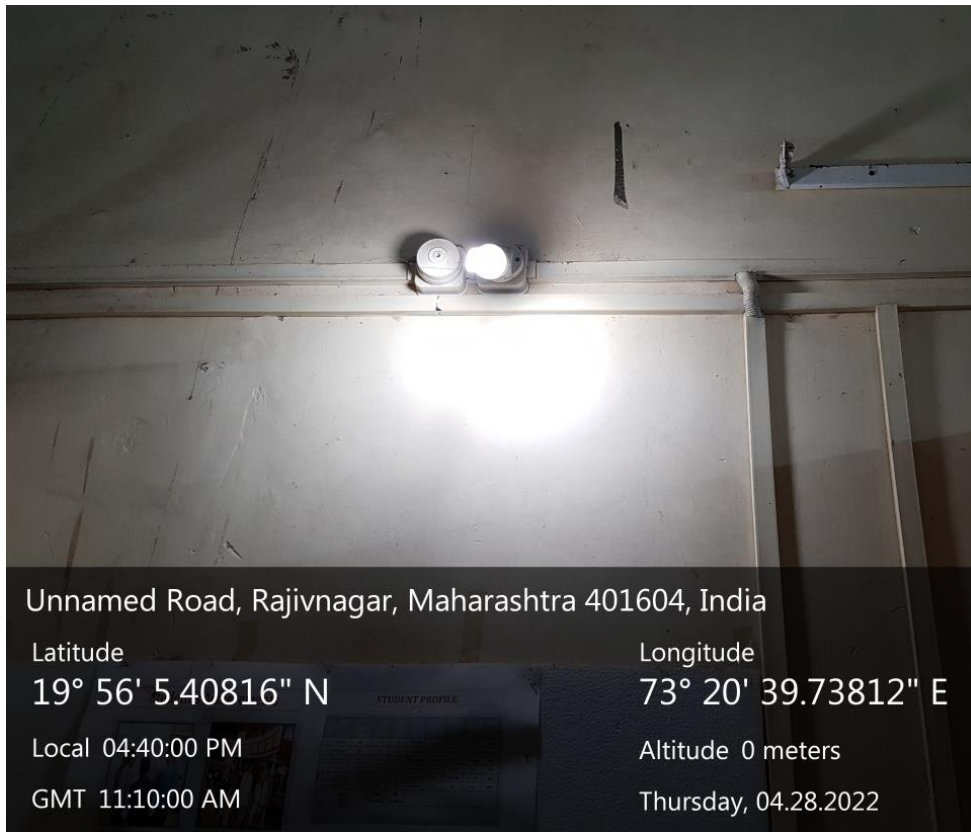
- **LED Tube light**



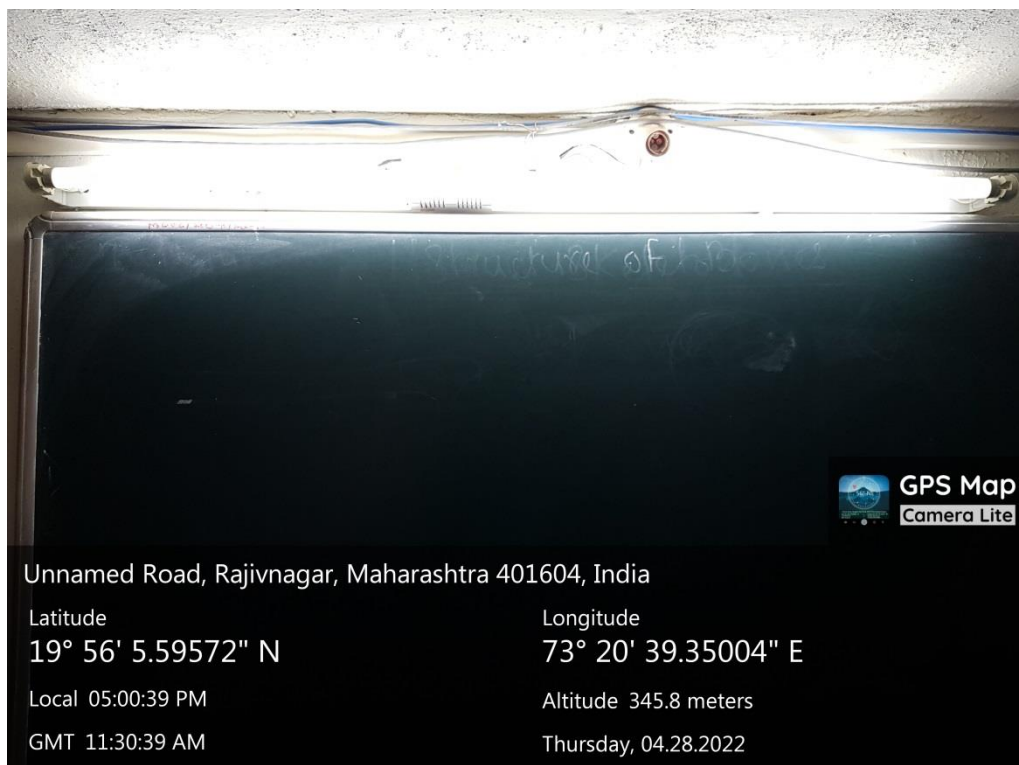
- **Board/Stickers of Save Electricity**



- **CFL Bulb**



- **Incandescent Tube light**



2) Alternate Energy initiatives

- **Solar Panel**



- **Aluminium Non Power Driven Roof Top Ventilators**



- **Backup batteries and inverters**



कॅश / ब्रॉडीट मेमो



रज़ा स्टार इलेक्ट्रीकल्स अँड मोबाईल शॉपी



आमचे येथे लाईट सामान, लाईट फिटींगची कामे योग्य दरात मिळतील.
मेनरोड, मोखाडा, जि. पालघर- ४०१ ६०४.

123

Pan Card No. CFYPM4424B

मोबा.: ९२२५७८८६९९, ७३८७८६९६८६

पा.क्र.

367

दि. 25/11/2021

श्री./श्रीमती कमा व बाणिलाल विस्तान महारिष्याम्य
पत्ता मोखाडा ना मोखाडा जि. पालघर

मालाचे वर्णन	नग	दर	रक्कम रुपये	पैसे
1) L.E.D. ब्युब माहि 25/10/21	5	350	1750	
2) ब्युब नळी philips	10	50	500	
3) L.E.D ब्युब मेठ	2	350	700	
4) SYSKA LED B14P 9watt	2	150	300	
5) लॉन कॅपरील	5	50	250	
6) ब्युब ब्युब	2	200	400	
एकूण :-			3900	

Paid & Cancelled

अक्षरी Cashier
हरी Head Clerk
प्रिन्सिपल Principal

रोख मिळाले, धन्यवाद !

Raza Star Electricals
मो. शाहरुख मनीयार
Main Road, Mokhada, Palghar.
Mob. 9225788611
Prop. Shahrukh Maniyar

सर्व प्रकारचे मोबाईल व डिश टि.व्ही. रिचार्ज

॥ श्री ॥

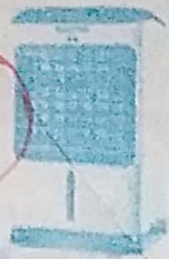
प्रो.प्रा. प्रशांत रा. लाडे

मो.नं. : ७५०७४०७९९९



श्री गणेश मोबाईल & इलेक्ट्रीकल

30



शनिमंदीर समोर, मेनरोड, मोखाडा, जि. पालघर

पावती नं. **595** Principal

दि. 20/09/2021

श्री./श्रीमती Arts and commerce college mokhada.

अ.क्र.	तपशील	नग	दर	एकूण रूपये
①	Bell Switch (mod)	1	45	45/-
②	Two way Switch	2	35	70/-
③	Patti	10	55	550/-
④	9W LED BULB	6	130	780/-
⑤	Siska Tube	6	200	1200/-
⑥	Zero bulb	6	60	360/-
⑦	1mm. Polycab	1	1500	1500/-
<p>Paid & Cancelled</p> <p><i>[Signature]</i> <i>[Signature]</i> <i>[Signature]</i> Cashier Head Clerk Principal</p>				एकूण ₹ 4505/-

अक्षरी रूपये चार हजार पाचशे पच (4505) मात्र

टीप :- विकलेला माल कुठल्याही सबबीवर परत घेतला जाणार नाही.

धन्यवाद

श्री गणेश मोबाईल & इलेक्ट्रीकल
प्रो.प्रा. प्रशांत रा. लाडे
मोबा. ७५०७४०७९९९

Tax Invoice

SIDDHIVINAYAK ELECTRICALS

Address: Ground Floor, Shop No. 1, Mitra Apartment,
Behind HDFC Bank, Upendra Nagar, Ambad, Nashik
Tel : 8308613239, Tel2 : 8855822734
email : elvneteletrics@gmail.com
GSTIN : 27CZKPB2800A1Z3

(210)

Customer Name : **The Principal Art , Science & Commerce College Mok**
Mokhada , Dist Palghar
GSTIN/UIN : 27AAATT1566E1ZJ
State : Maharashtra StateCode : 27

Invoice No. : 605
Phone : 8275318377
Date : 16-Feb-2021

Sr. No.	Description of Goods / Services	HSN/ SAC	Quantity	Rate	Disc. (%)	GST	Amount
1	KETCO CASSING NON ISI 25 MM	3916	20 NOS	40.00		18%	800.00
2	AN PENTA 4M PLATE	8538	6 NOS	98.00	40	18%	352.80
3	AN PENTA 6M PLATE	8538	6 NOS	142.00	40	18%	511.20
4	AN PENTA 8M SQ PLATE	8538	6 NOS	185.00	40	18%	666.00
5	AN PENTA 5 IN 1 WITH BOX (39984)	8536	2 NOS	150.00		18%	300.00
6	An-Penta 6A One Way Switch 1M	8536	40 NOS	17.00		18%	680.00
7	AN PENTA BLANK PLATE	8536	20 NOS	20.00	40	18%	240.00
8	AN CHOR ANGALE HOLDER	8536	6 NOS	25.00		18%	150.00
9	ANCHOR BATTAN HOLDER	8536	6 NOS	25.00		18%	150.00
10	AN PENTA 1M INDICATOR	8536	20 NOS	69.00	40	18%	828.00
11	AN PENTA FAN REGULETOR 2M	8414	10 NOS	313.00	40	18%	1,878.00
12	POLYCAB SP MCB (B6A-B32A)	8536	6 NOS	110.00		18%	660.00
13	VEBSTAR 1&2 MCB BOX	8536	6 NOS	15.00		18%	90.00
14	P/f Square Box 431	3925	12 NOS	5.00		18%	60.00
15	SEA BLISS CF 1.2 IVORY	8414	3 NOS	1,250.00		18%	3,750.00
16	PHILIPS LED BATTAN 20W	9405	20 NOS	180.00		12%	3,600.00
17	SYSKA 1 FOOT BATTAN	9405	6 NOS	150.00		12%	900.00
18	SYSKA 0.5 W BULB	8539	6 NOS	40.00		12%	240.00
19	PF INSULATION TAP	3919	6 NOS	10.00		18%	60.00
20	Ravel Pule LAKDI		6 BOX	5.00		18%	30.00
21	PF 4M SURFACE BOX	8538	6 NOS	35.00		18%	210.00
22	PF 6M SURFACE BOX	8538	6 NOS	50.00		18%	300.00
23	PF 8M (SQ) SURFACE BOX	8538	6 NOS	70.00		18%	420.00
231				19,860.00	2,984.00		16,876.00

Paid & Cancelled

Cheque No. 809454

Date 17/02/2021 को प्राप्त.

(Signatures)
Cashier Head Clerk Principal

Our Bank Details	Sales@18%	12,136.00 TAX	2,184.48	SGST	1,376.64
Bank Name : IDBI Bank	Sales@12%	4,740.00 TAX	568.80	CGST	1,376.64
A/c No. : 1991651100000550				Rounding	(-0.28)
Brnch-IFSC Code : Pathardi Phata, Ambad/IBKL0001991					
Total	16,876.00 TAX	2,753.28	Grand Total	19,629.00	

Total Amount in Words : Nineteen Thousand Six Hundred Twenty Nine Only

Last Bal. : 19,765.00 +This Bill : 19,629.00 - Pymt : 0.00 Cur. Bal. : 39,394.00

Declaration: We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Terms & Conditions :
1. Sunday is closed.



Receiver's Seal and Signature

Subject to Nashik Jurisdiction

For SIDDHIVINAYAK ELECTRICALS

Page No: 1 of 1

EBase by Impression Systems <EP: HD Solutions : +91-8237834878>