

Vidya Prasarak Mandal's

Maharshi Parshuram College of Engineering, Velneshwar Hedvi-Guhagar road, At: Velneshwar, Taluka: Guhagar,

Dist: Ratnagiri (Maharashtra) 415 729

(AICTE & DTE approved and affiliated to University of Mumbai)

Tel No. 02359-243102/3/4 Fax No. 02359-243102 E-mail: mpcoe@vpmmpcoe.org URL:www.vpmmpcoe.org

7.1.4 Environmental Conscious							
7.1.4 Percentage of annual lighting power requirements met through LED bulbs							
Total Lighting requirements	Percentage Lighting through	Percentage Lighting through					
	LED bulbs	other sources					
65.488 kW	3.8 kW = 5.8%	0.756 kW = 1.15%					

# **Supporting documents:**

## **Lighting load calculation**

Sr.	Area	Type of lighting						
No.		Tube	LED 9	<b>LED 24</b>	CFL 9	Bulb 9		
		light 28	watts	watts	watts	watts		
		watts						
1	A1- library	36	-	ı	-	-		
2	A1- second floor, outside library	12	-	1	-	-		
3	A1- first floor outside office area	24	-	-	-	-		
4	A1- office area and First year department	217	-	-	-	-		
5	A1- mechanical department	229	19	-	-	-		
6	A1- lower ground floor	91	49 (Shripati Auditorium)	-	-	-		
	A1 total	609	68	-	-	-		
7	B1- ground floor (EXTC department)	164	-	-	-	-		
8	B1- first floor (Instrumentation department)	159	-	-	-	-		
9	B1-second floor	92	-	-	-	-		
	B1 total	415	-	-	-	-		
10	A2- ground floor	255	-	-	-	-		

				LED (24 watts)		
load	d =			light	watts)	watts)
cam	pus, total	tubes	(9 watts)	street	(9	(9
In all MPCOE		2176	324 LED	40	83 CFL	1 bulb
29	Servor room	23	8	-	-	-
	substation				_	_
28	hostel area  DG room and	22	_		_	_
27	VPM building VPM building to	-	_	7	-	_
26	housing road) Gate office to		_	22	-	-
	tank to teacher					
	workshop (Water					
25	Banwari	=	-	8	-	-
24	Teacher housing	168	72	3		-
23	Dnyaneshwari 5	47	31			
22	Dnyaneshwari 4	47	31	-	-	-
21	Dnyaneshwari 3	35	23	-	-	-
20	(Hostel) Dnyaneshwari 2	23	35	-	_	-
19	Dnyaneshwari 1	28	44	-	-	-
18	house VPM & Nana Phadanvis hall	79	-	-	40	-
17	Aparant guest	20	12	-	24	-
16	Gym	32	-	-	18	-
15	Utility	52	-	-	1	-
14	Gate office	13	-	-	-	1
	A2 total	538	-	-	-	-
	(including entrance and staircase)					
13	Department) A2- corridor	30	-			-
11	department) A2- first floor (Electrical	252	-	-	-	-
	(Civil					

#### Total lighting load calculation

Total tube light wattage = 2176 x 28 watts = 60,928 watts

Total LED wattage =  $(324 \times 9 \text{ watts} + 37 \times 24 \text{ watts}) = 3,804 \text{ watts}$ 

Total CFL wattage = 83 x 9 watts = 747 watts

Total bulb wattage =  $1 \times 9$  watts = 9 watts

Total lighting load = 65,488 watts = 65 kW.

Percentage of lighting made by LED = (LED wattage / Total lighting wattage) x 100

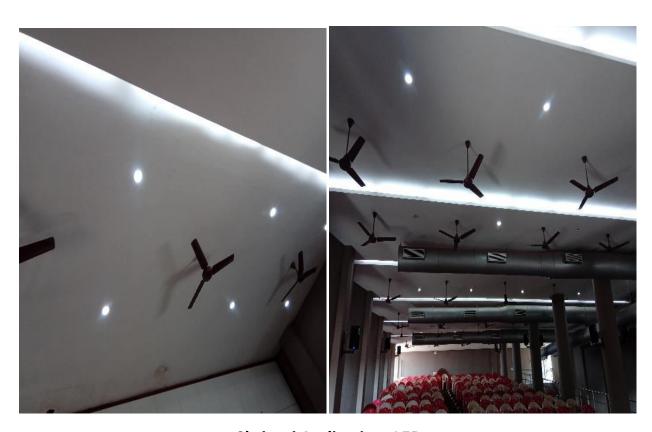
Percentage of lighting made by other sources (CFL and bulb)

Percentage of lighting made by (LED + Others)

# Some photographs:



Mechanical ground floor LED



**Shripati Auditorium LED** 

Pooja theatre building, oppo. Chiplun Urban Bank, Main Road, Bazarpeth, Chiplun. 415 605. Phone Number: 02355260005

E-Mail:devendra.cosmic@gmail.com

Ph/Mob.02355260005 GSTIN:27AHYPT3414G1ZU

# TAX INVOICE

Original for Receipients Duplicate for Supplier/Transporter

Triplicate for Supplier

Reverse Charge:

No

NA

Invoice No.

E-Way Bill No.

P. O. No.

Invoice Date

Name

GSTIN

Address

State

Maharashtra

Details of Receiver | Billed to:

21-01-2018

CEAT/2017/738

VIDYA PRASARAK MANDAL

velneshwar,tal:guhagar

State Code:

27

Name Address

**GSTIN** 

Transportation Mode

Vehicle No.

**Date of Supply** 

Place of Supply

Details of Consignee | Shipped to:

VIDYA PRASARAK MANDAL

velneshwar,tal:guhagar

NA

NA

21-01-2018

27-Maharashtra

St.	: Maharashtra	State	e Code :	27		GSTIN State	: N	A laharashtra											
No	Name of Product / Service	HSN SAC	иом	Qty	Rate	Amount	Less	Taxable	c	GST	State Coo	de : 2 GST	7						
1	16SQ MM X 4CORE COPPER ARMD						t	Value	Rate %	Amount	Rate %	Amount	Total						
	CABLE FINOLEX	8544	Mtr.	60.00	466.10	27966.10	0.00	27966.10	9.00	2516.95		3							
2	4SQMM SOLAR CABLE COPPER POLYCAB								3.00	2310.95	9.00	2516.95	33000.00						
	16X18 WAY DISTRIBUTION	8544	Mtr.	200.00	42.37	8474.58	0.00	8474.58	9.00	762.71	0.00								
3	16X18 WAY DISTRIBUTION BOX SPN DOUBLE DOOR	8537	8537 No.						5.00	702.71	9.00	762.71	10000.00						
1				No.	No.	No.	No.	No.	No.	No.	No.	No.	1.00	550.85	550.85	0.00	550.85	9.00	40.50
4	4WAY MCB BOX PC NIZWA	-20-20-74							9.00	49.58	9.00	49.58	650.00						
-	62AMD 40015 1 100	8537	No.	1.00	101.69	101.69	0.00	101.69	9.00	0.45									
5	63AMP 4POLE MCB L&T	8536.20.30	No.	1					9.00	9.15	9.00	9.15	120.00						
5	53AMP BUSBAR 15X12X4 BHAIRAV 3PH	0330.20.30	INO.	1.00	1144.07	1144.07	0.00	1144.07	9.00	102.97	9.00	102.97	4200						
		8536	No.	2.00	1788.14	3576.27	0.00				3.00	102.97	1350.00						
7	CROMPTON 360V N.V. COIL				1100.14	3370.27	0.00	3576.27	9.00	321.86	9.00	321.86	4220.00						
		85389000	No.	4.00	169.49	677.97	0.00	677.97	9.00	6100									
			Total:	269.00		42404.50			5.00	61.02	9.00	61.02	800.00						
						42491.53	0.00	42491.53		3824.24		3824.24	50140.00						

Bank Name

BANK OF INDIA 141120110000329

Bank A/c No Bank Branch IFSC

BKID0001411

(In Words)

Invoice Amount: Fifty Thousand One Hundred and Forty Rs. Only.

: Terms and Conditions :

\* Payment within 30 days.

Total Amount Be	fore Tax :	424	91.53		
Add : CGST :	3824.24	Add : SGST ·	3824.24		
Tax Amount : GST			8.47		
Disc % on Bill :	0.00	Disc Amt on Bill :			
Round Off	:		0.00		
Total Amount Aft	er Tax :	0.00 50140.00			
GST Payable on Re	everse Charge :	3014	0.00		

Certified that the particulars given above are true and correct.

Pooja theatre building, oppo. Chiplun Urban Bank, Main Road, Bazarpeth, Chiplun. 415 605. Phone Number: 02355260005

E-Mail:devendra.cosmic@gmail.com

Ph/Mob.02355260005 GSTIN:27AHYPT3414G1ZU

# TAX INVOICE

Original for Receipients

Duplicate for Supplier/Transporter

Triplicate for Supplier

Reverse Charge:

Invoice No.

CEAT/2018-19/338

E-Way Bill No. :

NA

P. O. No.

NA

Invoice Date

12-06-2018

State

Maharashtra

State Code: 27

Details of Receiver | Billed to:

9405

94054090

8546

No.

No.

No.

35.00

15.00

30.00

Total: 247.00

Details of Consignee | Shipped to:

NA

NA

12-06-2018

27-Maharashtra

Name

GETIN

6

7

8

VIDYA PRASARAK MANDAL

Address

9WATT LED BULB CROMPTON

**INSULATION TAPE BICON 9MTR** 

velneshwar,tal:guhagar

Name Address VIDYA PRASARAK MANDAL velneshwar,tal:guhagar

**GSTIN** 

Transportation Mode

Vehicle No.

Date of Supply

Place of Supply

Sta	: Maharashtra	State	Code :	27		State	: Ma	aharashtra	3	9	State Cod	le : 27	
Sr. No	Name of Product / Service	HSN SAC	UOM	Qty	Rate	Amount	Less Discoun	Taxable Value	C Rate %	GST Amount	S	GST Amount	Total
1	MAGIC LED STREET LIGHT 24WATT	9405	No.	6.00	982.14	5892.86	0.00	5892.86	6.00	353.57	6.00	353.57	6600.00
2	45W SPIRAL CFL CROMPTON	85393110	No.	10.00	398.31	3983.05	0.00	3983.05	9.00	358.48	9.00	358.48	4700.00
3	5 STEP REGULATOR GW	8414	No.	31.00	152.54	4728.81	0.00	4728.81	9.00	425.59	9.00		
4	6AMP 3PIN SOCKET ANCHOR	8536	No.	60.00	23.73	1423.73	0.00	1423.73	9.00			425.59	5580.00
5	2.5MFD CAPACITOR HAVELLS	8532	No.	60.00	25.42					128.14	9.00	128.14	1680.00
6	9WATT LED BULB TEJAS WIPRO	USSE	140.	60.00	25.42	1525.42	0.00	1525,42	9.00	137.29	9.00	137.29	1800.00

107.14

107.14

10.17

3750.00

1607.14

305.09

23216.10

0.00

0.00

0.00

0.00

**Total Amount Before Tax** 

3750.00

1607.14

305.09

23216.10

6.00

6.00

9.00

225.00

96.43

27.46

1751.95

6.00

6.00

9.00

225.00

96.43

27.46

23216.10

4200.00

1800.00

360.00

1751.95 26720.00

Bank Name

BANK OF INDIA

Bank A/c No

141120110000329

Bank Branch IFSC :

BKID0001411

Invoice Amount:

Twenty-Six Thousand Seven Hundred and Twenty Rs. Only.

(In Words)

GST Payable on Reve		2012	0.00	
Total Amount After	Tax ·	26720.00		
Round Off		0.00		
Disc % on Bill :	0.00	Disc Amt on Bill :	0.00	
Tax Amount : GST		3503.90		
Add : CGST :	1751.95	Add : SGST :	1751.95	
The state of the s	and the same of the same of the same of			

: Terms and Conditions :

\* Payment within 30 days.

Certified that the particulars given above are true and correct.

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E-Mail:devendra.cosmic@gmail.com

Ph/Mob.02355260005 GSTIN:27AHYPT3414G1ZU

#### TAX INVOICE

Original for Receipients

Duplicate for Supplier/Transporter

Triplicate for Supplier

Reverse Charge:

CEAT/2018-19/373

Transportation Mode

NA

Invoice No.

Vehicle No.

NA

E-Way Bill No. :

NA

**Date of Supply** 

20-06-2018

P. O. No.

NA

Place of Supply

27-Maharashtra

Invoice Date

20-06-2018 Maharashtra

State Code: 27

Details of Receiver | Billed to:

Name

Details of Consignee | Shipped to: VIDYA PRASARAK MANDAL

Name

VIDYA PRASARAK MANDAL

velneshwar,tal:guhagar

Address

velneshwar,tal:guhagar

Address **GSTIN** 

GSTIN

State

NA

State

Maharashtra

: NA

Stace Maharashtra State Code: State Code Less HSN Taxable CGST SGST Name of Product / Service UOM Qty Rate Amount Discoun Total No SAC Value Rate % Amount | Rate % Amount ASLON LED S/L 24WATTS 9405 30.00 1071.43 32142.86 0.00 32142.86 6.00 1928.57 6.00 1928.57 36000.00 30.00 32142.86 Total 0.00 32142.86 1928.57 1928.57 36000.00

Bank Name BANK OF INDIA **Total Amount Before Tax** 32142.86 Bank A/c No 141120110000329 Add: CGST: 1928.57 Add: SGST: 1928.57 3857.14 Bank Branch IFSC : BKID0001411 Tax Amount: GST Disc % on Bill: Invoice Amount: Thirty-Six Thousand Rs. Only. 0.00 Disc Amt on Bill: 0.00 (In Words) Round Off 0.00 **Total Amount After Tax** 36000.00 GST Payable on Reverse Charge: 0.00

: Terms and Conditions :

\* Payment within 30 days.

Certified that the particulars given above are true and correct.

Pooja theatre building, oppo. Chiplun Urban Bank, Main Road, Bazarpeth, Chiplun. 415 605. Phone Number: 02355260005

E-Mail:devendra.cosmic@gmail.com

Ph/Mob.02355260005 GSTIN:27AHYPT3414G1ZU

TAX INVOICE

Original for Receipients Duplicate for Supplier/Transporter

Triplicate for Supplier

Reverse Charge:

No

Invoice No.

CEAT/2018-19/373

Invoice Date State

20-06-2018

Maharashtra

State Code:

Transportation Mode

Vehicle No.

NA

NA

**Date of Supply** 

20-06-2018

Details of Consignee | Shipped to:

Place of Supply

27-Maharashtra

Details of Receiver | Billed to:

Name Address

State

VIDYA PRASARAK MANDAL

velneshwar,tal:guhagar **GSTIN** 

NA

Maharashtra

State Code :

Name

VIDYA PRASARAK MANDAL velneshwar,tal:guhagar

Address **GSTIN** 

NA

State Maharashtra State Code : 27 HSN Less lame of Product / Service Taxable **UOM** CGST Qty Rate SGST Amount Discoun SAC Total Value Rate % Amount Rate % Amount ASLON LED S/L 24WATTS 9405 No. 30.00 1071.43 32142.86 0.00 32142.86 600 1928.57 6.00 1928.57 36000.00 Total 30.00 32142.86 32142.86 1928.57 1928.57 36000.00

Bank Name BANK OF INDIA Bank A/c No 141120110000329 Bank Branch IFSC : BKID0001411

Invoice Amount: (In Words)

Thirty-Six Thousand Rs. Only.

: Terms and Conditions :

\* Payment within 30 days.

**Total Amount Before Tax** 32142.86 Add: CGST: 1928.57 Add: SGST: 1928.57 Tax Amount: GST 3857.14 Disc % on Bill 0.00 Disc Amt on Bill : 0.00 Round Off 0.00 **Total Amount After Tax** 36000.00 GST Payable on Reverse Charge: 0.00

Certified that the particulars given above are true and correct.

Pooja theatre building, oppo. Chiplun Urban Bank, Main Road, Bazarpeth, Chiplun. 415 605. Phone Number: 02355260005

E-Mail:devendra.cosmic@gmail.com

Ph/Mob.02355260005 GSTIN:27AHYPT3414G1ZU

### TAX INVOICE

Original for Receipients Duplicate for Supplier/Transporter

Triplicate for Supplier

Reverse Charge:

Invoice No.

CEAT/2017/296

E-Way Bill No. : P. O. No.

NA

Invoice Date

NA

Name

GSTIN

Si

Address

11-10-2017

State

Maharashtra

State Code:

27

Details of Receiver | Billed to:

VIDYA PRASARAK MANDAL

velneshwar,tal:guhagar

NA

Maharashtra

State Code : 27

Details of Consignee | Shipped to:

VIDYA PRASARAK MANDAL

NA

NA

11-10-2017

27-Maharashtra

Address

Name

velneshwar,tal:guhagar

GSTIN : NA

Transportation Mode

Vehicle No.

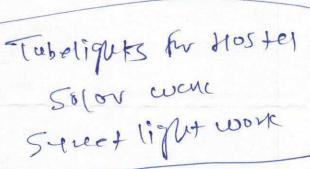
**Date of Supply** 

Place of Supply

State Maharashtra

State Code :

HSN Name of Product / Service Taxable CGST UOM Qty Rate Amount Discoun SAC Total Value Rate % Amount Rate % Amount 24WATT LED STREET LIGHT PRIDE (WHT) 94052090 No. 10.00 982.14 9821.43 0.00 9821.43 6.00 589.29 6.00 589.29 11000.00 63AMP 4POLE ELCB+MCB 4POLE 100MA 2 8536 20 90 No. 2.00 2343.75 4687.50 0.00 4687.50 14.00 656.25 14.00 656.25 6000.00 Total: 12 00 14508.93 14508.93 1245.54 1245.54 17000.00



Bank Name

BANK OF INDIA

Bank A/c No.

141120110000329

Bank Branch IFSC

BKID0001411

Invoice Amount: (In Words)

Seventeen Thousand Rs. Only.

:	Terms	and	Conditions	:
		OII I W	Conditions	

\* Payment within 30 days.



Total Amount Befo	re Tax ;	14508.93				
Add : CGST :	1245.54	Add:SGST:	1245.54			
Tax Amount : GST		2491.07				
Disc % on Bill :	0.00	Disc Amt on Bill :	0.00			
Round Off		0.00	0			
Total Amount After	Tax :	17000,00				
GST Payable on Rev	erse Charge :		0.00			

Certified that the particulars given above are true and correct.

Pooja theatre building, oppo. Chiplun Urban Bank, Main Road, Bazarpeth, Chiplun. 415 605. Phone Number: 02355260005

E-Mail:devendra.cosmic@gmail.com

Ph/Mob.02355260005 GSTIN:27AHYPT3414G1ZU

### TAX INVOICE

Original for Receipients Duplicate for Supplier/Transporter

Triplicate for Supplier

Reverse Charge:

No

Invoice No. CEAT/2017/572 E-Way Bill No. NA

P. O. No. NA

Invoice Date

17-12-2017

State

Name

GSTIN

Address

Maharashtra

Details of Receiver | Billed to:

VIDYA PRASARAK MANDAL

velneshwar,tal:guhagar

NA

State Code:

27

Details of Consignee | Shipped to: VIDYA PRASARAK MANDAL

NA

NA

17-12-2017

27-Maharashtra

Name Address

velneshwar,tal:guhagar

**GSTIN** 

NA

**Transportation Mode** 

Vehicle No.

**Date of Supply** 

Place of Supply

Shund Maharashtra State Code: 27 State Maharashtra State Code Sr HSN Less Name of Product / Service Taxable No UOM CGST Qty Rate Amount Discoun SAC Total Value Rate % Amount Rate % Amount 12WATT LED BULB GARNET WIPRO WHT 1 9405 No. 17.00 178.57 3035.71 0.00 3035.71 6.00 182.14 6.00 182.14 3400.00 28WATT T5 TUBE CROMPTON WHT 2 8539 No. 50.00 93.22 4661.02 0.00 4661.02 9.00 419.49 9.00 419.49 5500.00 Total: 67.00 7696.73 0.00 7696.73 601.63 601.63 8900.00

Bank Name Bank A/c No BANK OF INDIA

141120110000329

Bank Branch IFSC: Invoice Amount:

BKID0001411

Thirteen Thousand Five Hundred Rs. Only.

(In Words)

11803.87 Add: CGST: 848.06 Add: SGST: 848.06 Tax Amount: GST 1696.13 Disc % on Bill : 0.00 Disc Amt on Bill 0.00 Round Off 0.00 **Total Amount After Tax** 13500.00 GST Payable on Reverse Charge : 0.00

: Terms and Conditions :

\* Payment within 30 days.

Certified that the particulars given above are true and correct.

FOR, Cosmic Electricals & Traders

**Total Amount Before Tax** 

Pooja theatre building, oppo. Chiplun Urban Bank, Main Road, Bazarpeth, Chiplun. 415 605. Phone Number: 02355260005

E-Mail:devendra.cosmic@gmail.com

Ph/Mob.02355260005 GSTIN:27AHYPT3414G1ZU

## TAX INVOICE

Original for Receipients

Duplicate for Supplier/Transporter

Triplicate for Supplier

Reverse Charge:

No

Invoice No.

CEAT/2018-19/1024

E-Way Bill No. :

NA

P. O. No. Invoice Date

NA 15-02-2019

State

Maharashtra

State Code:

27

Qty

**Date of Supply** Place of Supply

Vehicle No.

Transportation Mode

15-02-2019

NA

NA

27-Maharashtra

Name Address

St

No

1

2

3

VIDYA PRASARAK MANDAL

Details of Receiver | Billed to:

velneshwar,tal:guhagar

Maharashtra

GSTIN

Name of Product / Service

ASLON LED S/L 24WATTS

NA

HSN

SAC

State Code:

UOM

Details of Consignee | Shipped to: Name VIDYA PRASARAK MANDAL

Address

State

velneshwar,tal:guhagar

**GSTIN** 

Amount

NA

Less

Discoun

Maharashtra State Code : Tavable **CGST** Total Value Rate % Amount Rate % Amount 6428.57 6.00 385.71 6.00 385.71 7200.00

9405 No. 6.00 1071.43 6428.57 0.00 LIONIA FLOOD LIGHT 50WATT 9405 No. 3.00 1696.43 5089.29 0.00 5089.29 6.00 305.36 6.00 305.36 5700.00 LIONIA FLOOD LIGHT 100WATT WHT 9405 No. 2.00 2946.43 5892.86 0.00 5892.86 6.00 353 57 6.00 353.57 6600.00 Total: 11.00 17410.71 0.00 17410.71 1044.64 1044.64 19500.00

Rate

Bank Name

BANK OF INDIA

Bank A/c No

141120110000329

Bank Branch IFSC :

BKID0001411

Invoice Amount: (In Words)

Nineteen Thousand Five Hundred Rs. Only.

Total Amount Before	Tax :	174	110.71
Add : CGST :	1044.64	Add : SGST :	1044.64
Tax Amount : GST		208	39.28
Disc % on Bill :	0.00	Disc Amt on Bill :	0.00
Round Off	:	0	.00
Total Amount After T	ax :	195	00.00
GST Payable on Rever	se Charge :		0.00

Certified that the particulars given above are true and correct.

FOR, Cosmic Electricals & Traders

: Terms and Conditions :

\* Payment within 30 days.