


Kolar, Karnataka, India
Kolaramma Temple Rd, Fort Area, Kolar, Karnataka 563101, India
Lat 13.138906°
Long 78.139696°
03/07/21 01:50 PM

LED BULBS INSTALLED IN THE PRINCIPAL'S CHAMBER



Kolar, Karnataka, India
Kolaramma Temple Rd, Fort Area, Kolar, Karnataka 563101, India
Lat N 13° 8' 20.1948"
Long E 78° 8' 21.0408"
05/07/21 02:36 PM

LED TUBES ARE INSTALLED IN THE CLASS ROOMS


PRINCIPAL
GOVT. COLLEGE FOR WOMEN
KOLAR-563101.

ABSTRACT

GCW, being the second biggest college in Karnataka, consumes on an average 5.53 kW- hr (units) of electricity which turns out to be 48459 kW-hr per year only to maintain its voluminous activities throughout the year. The authority keeps on replacing the old filament bulbs, CFL bulbs and tube lights by low energy consuming LED bulbs and bulky high-power consuming fans by energy efficient fans in order to keep the electricity consumption of the college as low as possible.

Before using LED bulbs and tubes

For the year 2018-19 the average power consumption is found to be 48459 kW-hr

After using LED bulbs and tubes

Appliances	Number / Type of appliance	Units of current per month kWh
LED bulbs	164	223.45
LED tubes	201	914.75
Fans	138	846
Computers/ Laptops	85	1699.5
Total Energy usage per month (kWh)		3683.7

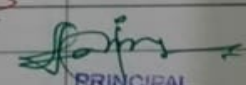
For the year 2019-20 the average power consumption is found to be 44208 kW-hr

After using **LED bulbs and tubes** the average power **saved** per year is found to be **4251** kW-hr which saves annually **Rs 28694/** (Rupees twenty eight thousand six hundred and ninety four only)

Year	Number / Type of appliance	Units of current kWh	Difference in the consumption of units
2018-19	Regular Type appliance	48459	-
2019-20	LED Tubes/Bulbs	44208	4251


Assistant Executive Engineer (Ele),
BESCOM., USD Kolar

LED BULBS/TUBES PURCHASE CASH BOOK EXTRACT

		chandra's Dr. Pf
15.10.18	Narasimhacharya Physics Lab Sec Lights / Ray Box 5 tubes M/s Karnataka Bk. Solov ch. no. 231865.	7806 ✓
	Physics Lab Elec. Repair Labour, Charges. ch. no. 231866.	3000 ✓
23.10.18	Towards the Elec. Bills payments. ch. no. 231867	38997 ✓
27.10.18	Dr. H.C. Manjunali A.K.A. Prof. Physics Lab. [Research Work] ch. no. 231868	1200 ✓
		51003
		546/-
		552110
		603113
<p>adom 30/10/18 bank balance 553856/-</p> <p>payments ₹ 51003</p> <p>closing</p> <p>Balance ₹ 552110</p> <p style="text-align: right;">+ 546</p> <hr style="width: 20%; margin-left: auto; margin-right: 0;"/> <p style="text-align: right;">Total ₹ <u>603113</u></p>		
 PRINCIPAL GOVT COLLEGE FOR WOMEN, KOLAR-563101		

4.5.17	M/s Karnataka Elec. Kolar 2502 Wiring/ Bulbs 2502 80x80 Bill No. 122 Ch.No. 454890.	6285 ✓
	M/s Bilal Auto Elec. Works. Kolar Males / chem. Dept for UPS 3 Yu repair Distill Water Filling Ch.No. 454891	9603 ✓
	BESCOM Elec. Bilty payment. March. 17 Ch.No. 454892	19075 ✓
18.5.17	ಬೆಂಗಳೂರು ಹೆಚ್.ಎಸ್.ಎಸ್. ವಿ.ಎಸ್. Ch.No. 449921	2661 ✓
31.5.17	M/s Sindhu Printers Kolar. 2502 2502 0k 2502 2502 2502 2502 2502 2502 2502 Ch.No. 454893	4853 ✓
	M/s Rak Sulta Enter (pvt) Prin. Kolar. Supply of Toner / Drum / Blade Set. Ch.No. 454894	1477 (pvt) 43934
31.5.17	62800 sum	76,708 1,20,662

Jayaramalli
Principal
Govt. College for Women
KOLAR

