



S.S.V.V. Sangha's

Tel : 08359-225118

**SHRI G.R.GANDHI ARTS, SHRI Y.A.PATIL  
COMMERCE & SHRI M.F.DOSHI SCIENCE  
DEGREE COLLEGE, INDI- 586 209**

NAAC RE-ACCREDITED AT THE 'B' LEVEL IN 3<sup>rd</sup> CYCLE

College Code-5225

INDI-586209 Dist : VIJAYAPUR(Karnataka)

Web site :www.grgayapcci.org

Email : pplgrgindi@gmail.com

Date :



## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### Key Indicator - 7.1 Institutional Values and Social Responsibilities

#### 7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures


1.Solar energy


2.Biogas plant

3.Wheeling to the Grid

4.Sensor-based energy conservation

**5.Use of LED bulbs/ power efficient equipment**

  
Co-Ordinator  
I.Q.A.C.  
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& Shri M.F.Doshi Science Degree College,  
INDI-586209, Dist: Vijayapur.

  
Principal  
Shri G.R.Gandhi Arts, Shri Y.A.Patil Commerce  
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## **7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures**


**1.Solar energy:** Solar energy is a powerful source of energy that can be used to heat, cool, and light homes and businesses. More energy from the sun falls on the earth in one hour than is used by everyone in the world in one year. A variety of technologies convert sunlight to usable energy for buildings. The most commonly used solar technologies for homes and businesses are solar photovoltaics for electricity, passive solar design for space heating and cooling, and solar water heating. Solar Panels not installed in our campus.

**2.Biogas plant:** Biogas is a clean and efficient fuel. Biogas is produced from Cattle Dung, Human Excreta and other organic matter in Biogas plant through a process called 'Digestion'. Biogas contains 55% to 60% methane which is inflammable. It also contains 30% to 35% carbon dioxide and traces of Nitrogen, Hydrogen and Water. Bio slurry which is by product has manurial value than farm yard manure. Biogas plant not Installed in Our Campus.

**3.Wheeling to the Grid:** Wheeling is the movement of electric energy from within an electrical grid to an electrical load beyond the grid borders in electric power transmission. There are two forms of wheeling: 1) a wheel-through, in which the electrical power generation and load are both outside the transmission system's borders, and 2) a wheel-out, in which the generation resource is inside the transmission system's limits but the load is outside. Wheeling to the Grid facility is not available in Our Campus

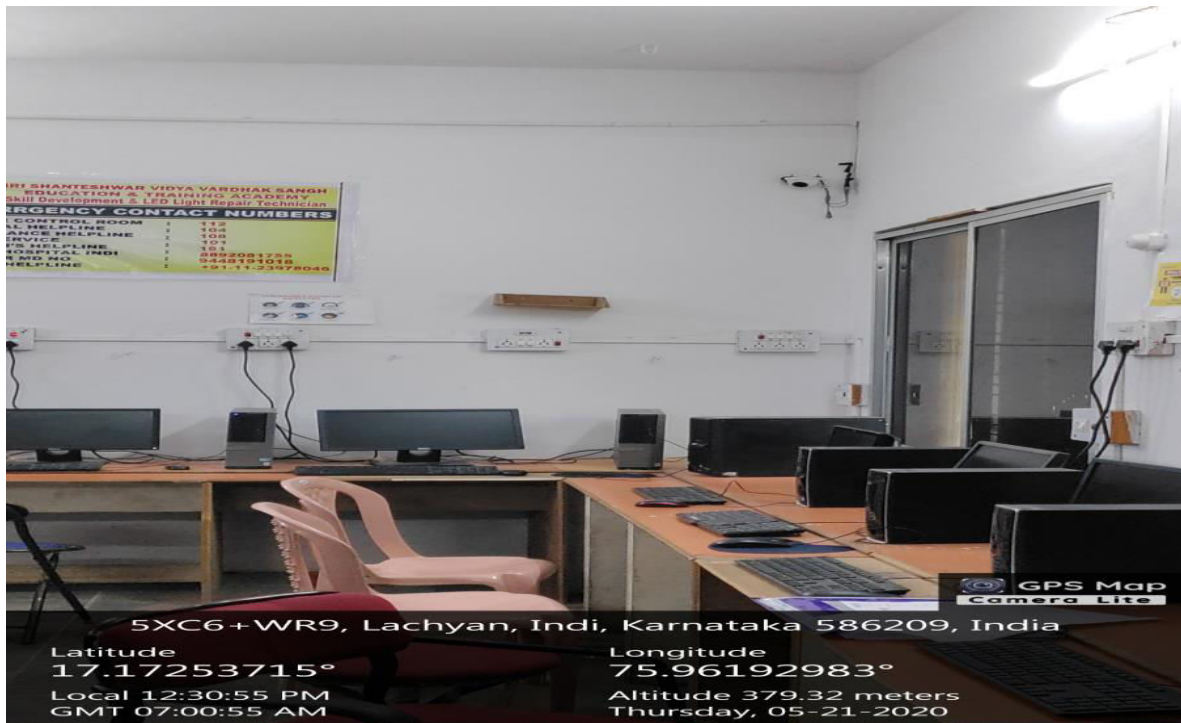
**4.Sensor-based energy conservation:** Sensor-based energy conservation has drawn attention of many places because of the reduced cost, easy mobility, easy maintenance, power management etc. But Sensor based systems has not installed in our campus.

**5.Use of LED bulbs/ power efficient equipment:** The College is using CFL, LED and star rated power equipments etc. which consume lesser electricity vis-a-vis illumination and result in lesser energy utilization. College procures electrical equipments which have energy star rating as per Bureau of Energy Efficiency (BEE) standard which ensure relatively lesser consumption of electricity. The College has installed the LED light in the whole campus for low consumption of energy and replace the old light systems. We use of LED bulbs/ power efficient equipment for better power management.

  
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## USE OF LED BULBS AND CC CAMERA



## USE OF LED BULBS IN STAFF REST ROOM



  
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## USE OF LED BULBS :



## USE OF LED & CFL BULBS IN PRINCIPAL ROOM



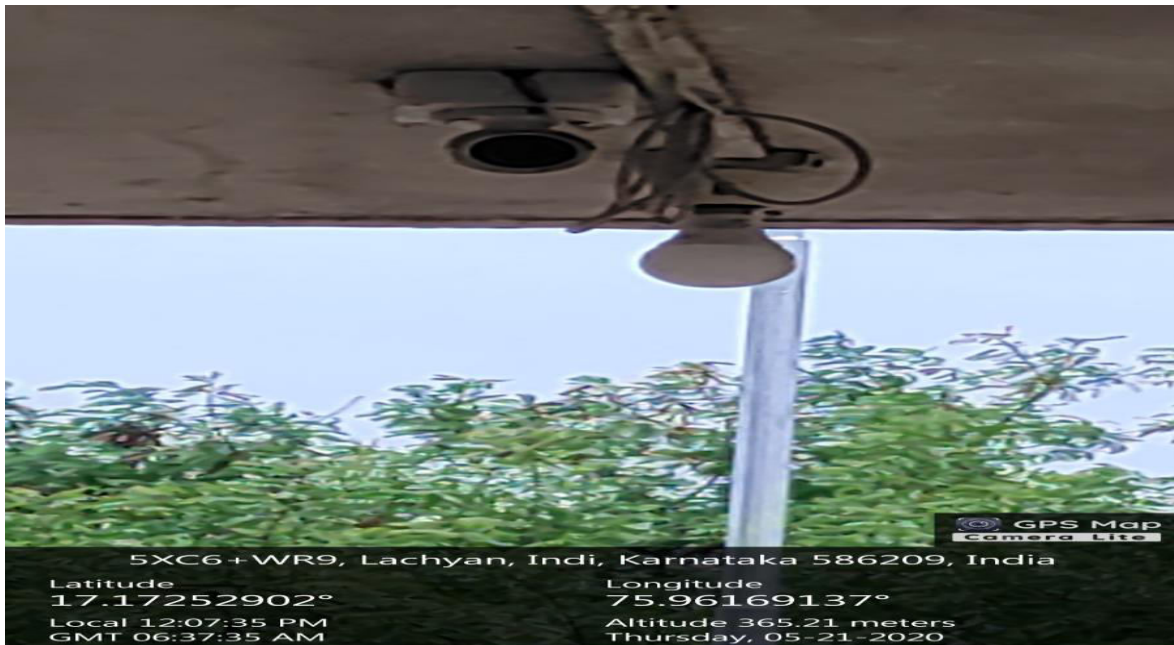
  
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## USE OF LED BULBS



## LED BULBS AND CAMERA SURVIVALANCE



  
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## POWER EFFICIENT EQUIPMENT



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*Ganesh D*  
**Co-Ordinator**  
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*[Signature]*  
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**BILL FOR LED BULBS**

GSTIN : 29GAJPS6447E1ZZ      GST INVOICE CASH / CREDIT      Cell : 814774475

**LAXMI MARKETINGS**  
LGD, LED TV, DVD Home Theater, Home Appliances Etc.  
OPP. GOCC BANK, MAHAVEER ROAD, VIJAYAPUR-586101

To: Principal G.R.G. YAP      Date: 01/09/21 No.: 1130  
Address: College, Indri      Party's GST: -  
Mobile: \_\_\_\_\_      Transport: \_\_\_\_\_

No.	Product Description	HSN Code	Qty.	Rate	Taxable Value	12%	Total
1	<u>Panasonic 15w LED Bulb</u>	<u>-</u>	<u>6</u>	<u>178.57</u>	<u>1071.42</u>	<u>128.58</u>	<u>1200</u>

Warranty: \_\_\_\_\_  
Guaranty: \_\_\_\_\_

1200/-

TOTAL	1071.42
CGST 6 %	64.29
SGST 6 %	64.29
GRAND TOTAL	1200/-

Subject to Jurisdiction of Y.A. Patil Commerce & Shri M.F. Doshi Science Degree College.  
Goods are sold on credit basis.  
Interest @ 15% will be charged after 15 days.

Principal  
Shri G.R. Gandhi Arts, Shri Y.A. Patil Commerce & Shri M.F. Doshi Science Degree College  
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For : LAXMI MARKETINGS  
Principal  
Authorised Signature

Principal  
Co-Ordinator  
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