

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

SOLAR ENERGY: Solar power, also known as solar electricity, is the conversion of energy from sunlight into electricity, either directly using photovoltaics (PV) or indirectly using concentrated solar power. Solar panels use the photovoltaic effect to convert light into an electric current for hot water .

SOLAR ENERGY

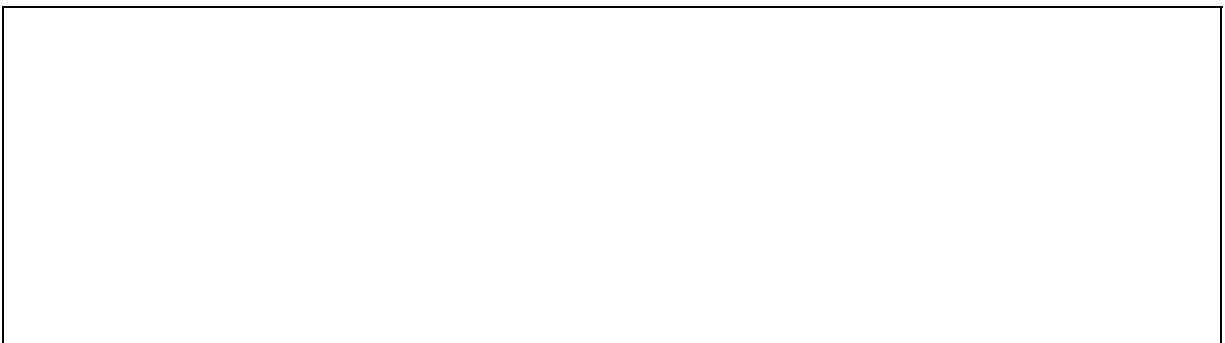




SENSOR-BASED ENERGY CONSERVATION:-

PDSJACASC college is using the equipments which are saving energy and time to do work timely. Also purchasing the instruments with power consumption and saving the electricity. Measures taken to conserve energy and utilize alternate source of energy.

LIFT





BIOMETRIC FINGERPRINT SCANNER



XEROX MACHINE

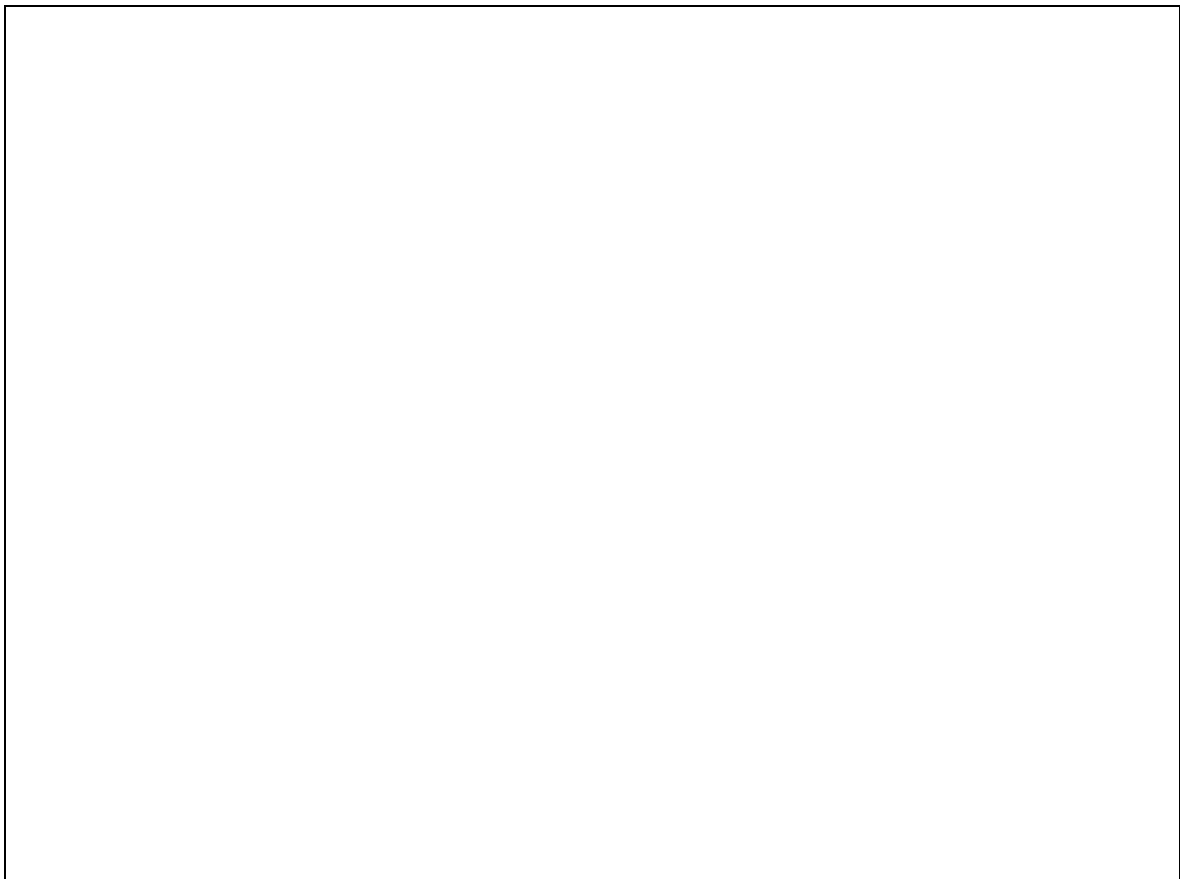


1. Use of LED bulbs/ power efficient equipment:

The high efficiency and directional nature of LEDs makes them ideal for many uses. LEDs are increasingly common in street lights, parking garage lighting, walkway and other outdoor area lighting, refrigerated case lighting, modular lighting, and task lighting.

These are more efficient than incandescent lights, having a luminous efficacy from 50 to 100 lm/W (depending on the structure, type of phosphor and type of ballast used), have a longer lifetime of 6,000—15,000 hours, and are widely used for residential and office lighting.

MULTIPURPOSE





USE OF LED BULBS/ POWER EFFICIENT EQUIPMENT

