

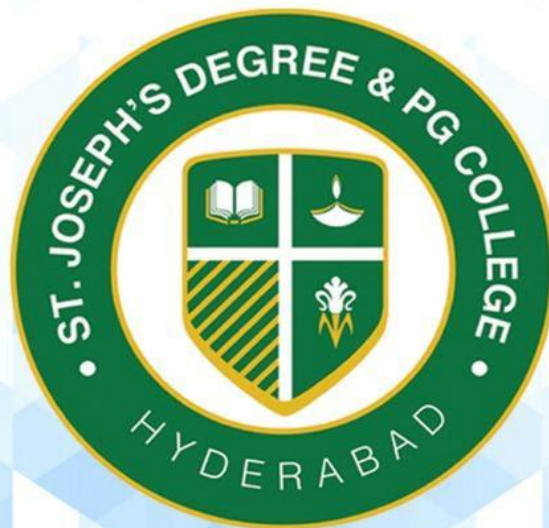
# **ST. JOSEPH'S DEGREE & PG COLLEGE**

Autonomous, Affiliated to Osmania University

Re-accredited by NAAC with 'A' Grade with CGPA 3.49 (September 2019)

A Catholic Christian Minority Institution

Managed by Hyderabad Archdiocese Educational Society, KingKoti, Hyderabad



## **ENERGY CONSERVATION POLICY**

### **Preamble:**

To promote environmental consciousness and holistic development of students, St. Joseph's Degree and PG College, has adopted Energy Conservation Policy for an "Environment of educational excellence." The institution aims to realistically and comprehensively reduce energy consumption, assure acceptable indoor air quality and improve energy efficiency on campus through methods that are consistent with a safe, secure, and Eco-conscious campus community. As outlined in this policy, energy conservation will be accomplished by developing a proactive and progressive approach to providing energy efficient, responsible, and cost- effective operations on campus.

### **Applies to:**

Faculty, staff, students and visitors.

### **Energy Conservation Practices:**

- St. Joseph's has developed a plan to save energy at the institution level with time-bound plan towards energy conservation. Thus the institution has adopted a mechanism to use renewable energy and install 25 KWH Solar Power Station. This not only enables the institute to have 24x7 power supply but also ensures that renewable energy is used to meet considerable degree of power requirement, thus subscribing to Environmental Sustainability.
- Annual Energy audit is made mandatory.
- Our Energy conservation practices include the College replacing all tube lights with LED tubes, LED bulbs being the most energy efficient lighting option. LED tubes use 75% less electricity than incandescent tubes (Energy Star). LED tubes last about 25 times longer than traditional incandescent tubes. 100 percent of lighting requirement is met through LED.
- Energy conservation practices and eco-friendly habits are inculcated among students and staff through cautioning them about simple things which are really effective to reduce Electricity Consumption like students and staff turning off all lights, appliances and electronics not in use.

### **Raising Awareness on Energy Conservation:**

Sustainability efforts, energy savings, and greenhouse gas inventory metrics are all high priorities to a college and more importantly, to our students. When engaging in a master energy plan or energy savings renovation project, there is an excellent opportunity to build student support around campus sustainability.

Energy improvements occur mostly out of sight so raising awareness of these projects can hold real benefits, including encouraging desired behavior on how a campus building can and should be used to contribute to a college's carbon footprint reduction goals.

Rising utility rates are generally a fact of life. Just like inflation, the cost of electricity, gas, and water will go up a few percentage points each year. Whether all at once or over time, utility rate increases can wreak havoc on the operations budgets for the college.

### **Save Energy TIPS to be followed:**

1. Activate power management features on computer and monitor so that it will go into a low power "sleep" mode when the students and staff are not working on it.
2. Turn off the monitor when the students and staff leave the table.
3. Activate power management features on laser printer.
4. Whenever possible, shut down rather than logging off.
5. Turn off unnecessary lights and use daylight instead.
6. Avoid the use of decorative lighting.
7. Use LED or compact fluorescent bulbs.
8. Keep lights off in conference halls, classrooms, seminar halls when they are not in use.
9. Use the fans only when they are needed.
10. Unplug appliances not plugged into power strips  
(Like TVs, Refrigerators, ACs, tea/coffeepots, printers, and chargers etc.)