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## Energy conservation policy document

Yogita Dental College and Hospital strives to use energy in the most efficient, cost effective, and environmentally responsible manner possible.

The purpose of this policy is to optimize energy use throughout the college and hospital, improve cost-effectiveness and productivity, enhance working conditions, contribute to sustainability and otherwise reduce waste associated with energy use.

Energy conservation pertains to the actions that we take to reduce the amount of energy we need, especially in the college campus.

With the effects of global warming and climate change becoming more apparent, conserving energy has become vital. The less energy we use through our utilities and gadgets, the better off we will be in terms of health and money.

### Objectives-

1. Achieve and maintain compliance with applicable legal and other requirements.
2. Continuously improve energy efficiency by establishing and implementing strategic energy management practices
3. Procure adequate and dependable energy supplies at the most advantageous rate and implement appropriate risk contingency plans to protect operations from supply interruptions.
4. Ensure adequate resources are available
5. Use of LED bulbs to reduce power consumption

### Importance of Energy Conservation :

The rise of global warming has been attributed to increased energy consumption. Through energy conservation, we can reduce our carbon footprint and minimize the effects of global warming before it gets even worse.



Although increasing energy efficiency is crucial because it reduces environmental pollution without compromising comfort levels or adding costs, conservation remains highly effective when it comes to preventing climate change.

### **Benefits of Energy Conservation :**

Below are some benefits associated with the conservation of energy:

Benefits\_of\_Energy\_Conservation

Slows Down Global Warming

Energy conservation helps slow down global warming.

By helping to reduce emissions through energy conservation, we make a difference for our planet and future generations.

### **Energy Conservation Tips**

While we cannot possibly list all conservation tips, here are some practical ways to conserve energy:

Inside the College :

Turn off appliances you know you will not use for an extended period.

Avoid leaving your computer or television on standby mode all day when it is not in use. These devices continue to suck electricity even when turned off. So, always unplug them when they are not in use.

Replace old light bulbs with new LED ones. They tend to give out more light while consuming less power than traditional incandescent bulbs.

Solar panels can be installed on the rooftops of homes to produce electricity from the sun. In tropical countries, this method of generating electricity is a renewable resource that can reduce bills by a significant percentage.

Use fans instead of air conditioners wherever possible because this lessens carbon dioxide emissions.



**In the Campus :**

Shut off your water heater once it uses up all the hot water; then, wait until the tank reheats enough to take a shower or wash the dishes.

Clean your air filters regularly to improve airflow and respiration. This also ensures you are not sucking dust particles into your indoor environment.

Turn off your computer if you will not be using it for a long period.

Install energy-saving devices, such as light sensors and timers, to turn lights on and off, respectively.

Unplug unnecessary appliances from outlet sockets to save energy.

Making a conscious effort to cut back on the usage of electricity by turning off lights when they are not in use helps conserve energy.

On the other hand, switching to LED light bulbs rather than the traditional incandescent bulb is an example of energy efficiency. In such a case, you still use lights but in a more energy-efficient way by using less electric power when they are lit.

Energy conservation is not limited to bigger tasks either. Everyone can employ energy-saving methods in their day-to-day activities, whether at home, school, or the workplace.

The most important thing you can do as a consumer is to be mindful of how energy is used. Every positive action helps protect our environment and make it more sustainable for future generations