

## Energy Conservation Policy

### Preamble:

Environment-friendliness and energy harvesting are of prime interest today which are the key factors in achieving Sustainable Development Goals (SDGs) for any organization. Keeping these factors in specifying energy policy Christ College, Bhopal, we presume that it is in accordance with the prescriptions of National Institution for Transforming India (NITI) Aayog with reference to support for renewable energy resources. Another factor of significance is rapidly and dynamically increasing energy demand. Since conventional sources cannot meet this requirement easily, college has incorporated establishment of alternative energy sources in the form of establishment of rooftop Solar Power plant. The Christ college energy policy also has taken an efficient energy management and conservation through good established procedures specified in its policy.

### Statement

The Energy policy of Christ College monitors, conserves and manages the energy needs of the campus with the growth in the energy demands of the institute; It is the responsibility of the institute in creating awareness among the students and staff about the energy conservation measures and maintain the efficiently utilize the Electrical Energy with maximum utilization of Renewable solar power.

Generating system and optimal consumption of lighting load with the proper energy conservation measures on the campus. Also, to maintain green energy campus with utilization of energy management system.

### Objectives:

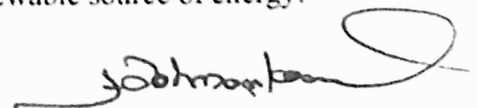
The following objectives will lead to the implementation of Christ College Energy policy:

1. Improvement in Energy efficiency to reduce Energy consumption and cost.
2. Minimize the energy consumption by use of energy efficient equipment and maximize use of day light and natural ventilation.

### Action Plan:

Christ College is committed to maximize energy conservation procedures through various measures.

1. Form a committee to monitor and check wastage of energy in the campus.
2. Maintain the Energy needs of the campus with back-up power supply system for supplying uninterrupted energy demands.
3. Replacement of the existing conventional lighting with the LED lamps.
4. Monitor the electricity bills for the efficient utilization of solar power plant installed in the campus.
5. Encourage students and staff to be energy efficient by encouraging vehicle pooling and use of bicycles.
6. Organizing expert lectures in the area of energy conservation.
7. The Institute shall continuously review and update the approved policy and is committed to its implementation.
8. Solar panels were installed to minimize the use of non-renewable source of energy.



**Principal**

**Christ College, Bhopal**  
Anand Nagar, Bhopal-462021 (M.P.)

9. Directions are given to students are given for the proper utilization of the electronic devices in the institution. Ensures all the institutional electronics are turned off when not in use.
10. Reduce e-waste to maximum with proper maintenance, before moving on to Replace & Recycle stage.
11. Use of energy efficient, star labelled equipment for various purposes.

## **Water Management Policy**

### **Preamble**

Although the college is situated in a prime urban location of Bhopal, where there is no water scarcity, the students are made aware of the water conservation policy of the college in the beginning of the course during the orientation programme. The students are to realize that every single drop of water is very precious and should be utilized with ultimate care and not to be wasted.

### **Statement**

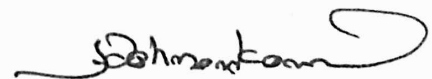
Christ College, Bhopal is committed to conserve water resources and practice rain water harvesting in order to replenish and recharge ground water resource.

### **Objectives**

- To ensure clean and safe drinking water to the people present on the campus
- To ensure continuous supply of water throughout the year
- To replenish ground water through rainwater harvesting
- To minimize wastage of water in the campus

### **Action Plan**

1. The institution will have a good storage capacity of water for cleaning and drinking purposes.
2. Rainwater harvesting pit will also be there for collecting rain water. Rainwater harvesting pit is monitored regularly and students are made aware about the concept of rainwater harvesting and its importance. The rainwater thus collected in the pit helps to replenish the ground water table.
3. Students will be given awareness on conservation of water throughout the year.
4. The college maintains leak proof water fixtures.
5. Immediate measures to deal with water leakage through taps, pipes, tanks, toilet flush etc.
6. Installing sensors in the taps in the washrooms for minimizing water wastage.
7. For waste water management the staff and students are advised to minimize water wastage by turning off taps when washing their hands and report any leaking taps. Every effort is taken by the staff and students to reduce wastage of water in mess, canteen and washrooms.
8. There is availability of proper functional drainage system in the college.



**Principal**  
**Christ College, Bhopal**  
 Ahand Nagar, Bhopal-462021 (M.P.)