



# ST PHILOMENA COLLEGE

Affiliated to Mangalore University Re-Accredited by NAAC at 'A' Grade

**MAI DE DEUS EDUCATIONAL INSTITUTIONS**

Managed by the Catholic Board of Education, Mangalore

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## ENERGY CONSERVATION POLICY



## Energy Conservation policy

### 1.Preface:

All citizens have a moral obligation to utilize energy wisely in their daily lives, to prevent any waste, and to raise awareness of the value of energy conservation for a sustainable present and future. The mission of our college's Energy Conservation Policy is to raise public awareness about the prudent and economical use of energy while eliminating energy waste for a better future. As a result, the institution's energy policy will be successful in putting together well-organized initiatives to encourage knowledge of good energy management and conservation on campuses that are examples of resource-efficient, low-carbon, and sustainable practices.

Utilizing less energy is a choice and a practice known as energy conservation. Energy saving measures include turning off the lights when leaving a room, disconnecting appliances when not in use, and choosing to walk rather than drive. Gaining more control over their energy cost and lowering the pressure on the planet's natural resources are the two main motivations for energy conservation.

### 2.Vision:

Our vision is to create a sustainable energy future for the campus by expanding access to electricity, reducing our reliance on petroleum through the use of renewable energy, and promoting energy efficiency and conservation.

### 3.Mission:

- ✓ Increased energy efficiency to reduce energy consumption and costs.
- ✓ Reduce waste by employing good housekeeping practices.
- ✓ Reduce environmental damage

### 4. Objectives:

- ✓ Reduce, Reuse and Recycle.
- ✓ Utilization of renewable energy.
- ✓ Utilize energy resources more efficiently by introducing new technologies.
- ✓ Conduct regular internal energy audits to identify energy-saving opportunities.
- ✓ The Institution Energy Audit/Management Cell manages regular monitoring and follow-up procedures to ensure effective implementation at the departmental level.
- ✓ Make use of energy-efficient, star-rated equipment.
- ✓ Regular maintenance and conversion of other lights/lighting fixtures to LED.
- ✓ Maintaining a sustainable approach by extending the life of existing equipment and replacing it with more efficient equipment when necessary.

- ✓ Make the best use of renewable energy by installing a Grid Interactive Solar PV System on campus.
- ✓ Encourage faculty members to obtain Certified Energy Auditors and Managers certification.
- ✓ Train faculty, non-teaching staff, students, and housekeeping staff to make the Institute an energy conservation role model.
- ✓ Establish relationships with industries and conduct a comprehensive energy audit.
- ✓ Promote energy conservation awareness among various segments of society.
- ✓ Maintain a regular review of the Policy.

### **5. Policy statement:**

The energy conservation policy of the college, in its nature and scope comprises the following.

- Installation of solar powered equipment's on campus.
- Application of energy efficient measures like usage of Led bulbs in functional areas of college, installing power saving mode in computers, using LED/LCD monitors in computer lab, installation of sensor-based lights, installation of star rated electronic appliances and equipment's in the campus.
- Conduct energy audit every year for the better usage of various sources of energy in the college.
- Usage of auto power cutoff equipment's in college labs.
- Auto Power on of switch has been installed in

  
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**PHILONAGAR, DARBE, PUTTUR - 574 202**

*With Effect from 01-07-2017*