



# NIRMALA COLLEGE OF PHARMACY

(A UNIT OF CATECHIST SISTERS OF ST.ANN'S, HYD)

ATMAKURU (Village), Mangalagiri (M), Guntur Dist-522503, A.P, India.

Approved by AICTE & PCI New Delhi & Govt. of A.P, Affiliated to SBTET & A.N University, Guntur

Accredited by NAAC & Approved under UGC 2f & 12b and Approved Institutional Innovation Council by AICTE

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## Energy Conservation Policy

To promote environmental consciousness and holistic development of students, Nirmala College of Pharmacy 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 various 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 provide energy efficient, responsible and cost-effective operations on campus.

### 1. PURPOSE

Nirmala College of Pharmacy is committed to adopt energy conservation measures in all activities, products and services across the Laboratory. The mission is;

- Continuously enhance energy efficiency by adopting suitable practices and use of energy efficient equipment and technologies.
- To prevent energy wastages with full participation of the employees
- To conduct regular management reviews to ensure continual improvement
- To conduct energy audit and energy conservation awareness programmes at regular intervals
- To recognize the efforts of the employees in energy conservation initiatives

### 2. SCOPE

- This policy is applicable to all buildings, facilities and equipment in the college.


### 3. POLICY

#### (A) Lighting

Employees and students shall make every effort to reduce the amount of energy associated with lighting in all campus' facilities by:

- Turn lights off in unoccupied spaces.



  
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- Discontinuing the use of incandescent lighting wherever more efficient lighting is possible such as when compact fluorescent or light-emitting diode (LED) bulbs can be used.
- Maximizing the use of natural light and turning off all nonessential lighting whenever possible.
- Utilizing task lighting in lieu of overhead lighting when appropriate.
- Turning off exterior building architectural lighting between 11:00 PM and 6:00 AM
- Personal safety shall not be compromised from lighting energy reduction decisions

## (B) Computers

- Computer power management should be able to minimize the operation and consumption of electricity when computers are not in use. This excludes computers performing the unique computational function
- Computers purchased must have energy-saving features and should be enabled whenever in use.
- Peripheral equipment should be turned off whenever possible.
- Students are encouraged to turn off and unplug consoles when not in use


## (C) Office Equipment

- All powered office is equipment should be turned off or place on standby when not in use unless it is detrimental to the operation of the equipment to do so. Items such as printers, calculators, Xerox machine, refrigerators, scanners, etc., should be turned off at the end of the workday.
- Office equipment quantities should be reduced through consolidation to the central locations.

## (D) Instruments and machinery in Labs

- All the instruments such as Hot air oven, Tablet punching machine, disintegrating machine, driers, etc., shall be turned off when not in use unless it is detrimental to do so.
- Lighting facilities and air conditioning units inside the classrooms/laboratory/computer room must be turned off before leaving the room.



  
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- Make sure that all computers/gadgets are unplugged when leaving the classrooms and laboratories.
- Fume hoods that won't be used for a long period of time should be brought to the attention of the Office of Physical Plant for the shutdown.

## 5. RESPONSIBILITIES

**Employees and Students – are responsible for:**

- Complying with the policy.
- Take actions to conserve energy and reduce energy waste.
- If employees or students have ideas on energy conservation or wish to report energy waste, they should report to the respective Department Heads.

**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 TV's, Refrigerators, AC's, tea/coffee pots, printers and chargers etc.)



*SARASWATI*  
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