



ENERGY CONSERVATION POLICY (ECP)

Purpose:

The purpose of this Energy Conservation Policy (ECP) is to establish guidelines and practices that will help New Horizon College of Engineering (NHCE), Bengaluru, reduce its energy consumption, lower its environmental impact, and contribute to sustainability efforts.

Scope:

This policy applies to all faculty, staff, students, and visitors at NHCE. It covers all campus facilities, including classrooms, laboratories, administrative offices, and other buildings.

Policy Objectives:

1. Reduce Energy Consumption: Implement strategies to reduce energy use across all campus facilities.
2. Promote Sustainable Practices: Encourage behaviors and practices that support energy conservation.
3. Improve Efficiency: Invest in and maintain energy-efficient infrastructure and technologies.
4. Enhance Awareness: Educate the NHCE community about the importance of energy conservation and how to contribute.

Guidelines:

1. Energy Management:
Conduct regular energy audits to identify opportunities for efficiency improvements.
Set measurable energy reduction targets and track progress towards these targets.
2. Building Management:
 - Implement and maintain energy-efficient lighting systems, including the use of LED bulbs and motion sensors.
 - Implement Solar PV system in the buildings to supply power to all the class rooms and laboratories.



- Implementation of hybrid wind power mill in the Institution building to supply power to class rooms and Laboratories.
 - Optimize heating, ventilation, and air conditioning (HVAC) systems for efficiency.
 - Ensure that all electrical equipment is turned off when not in use, including computers, printers, and other devices.
3. Energy-Efficient Equipment:
Purchase and use energy-efficient appliances and equipment with high Energy Star ratings. Regularly maintain and service equipment to ensure it operates efficiently.
4. Behavioral Practices:
Encourage faculty, staff, and students to practice energy-saving behaviors such as reducing the use of personal heaters and fans, using natural light when possible, and reporting any energy waste or inefficiencies and promote awareness programs and workshops on energy conservation.
5. Sustainable Practices:
 - Support initiatives that reduce the carbon footprint of the campus, such as waste reduction, recycling, and the use of renewable energy sources.
 - Integrate energy conservation into the curriculum to educate students about sustainable practices.
 - Implementation of Sewage Treatment Plant.
6. Monitoring and Reporting:
 - Regularly monitor energy consumption and performance metrics.
 - Prepare and disseminate periodic reports on energy use and conservation efforts to the NHCE.

Responsibilities:

Energy Management Team: Oversee the implementation of this policy, conduct energy audits, and manage energy-saving projects.

Facilities Management: Ensure the maintenance of energy-efficient infrastructure and address any energy-related issues.

Faculty and Staff: Adhere to energy-saving practices and participate in awareness programs.

Students: Contribute to energy conservation efforts and report any energy waste or inefficiencies.



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