



ENERGY MANAGEMENT

POLICY



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PRINCIPAL
ACHARIYA COLLEGE OF ENGINEERING TECHNOLOGY
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ENERGY MANAGEMENT POLICY

Energy management policies for different energy sources or aspects within Achariya College of Engineering Technology would involve tailoring strategies and guidelines specific to each form of energy usage.

1. SOLAR ENERGY MANAGEMENT POLICY:

Purpose:

- Utilize solar energy to reduce dependency on conventional electricity.
- Minimize carbon footprint by promoting renewable energy sources.
- Foster a culture of sustainability and environmental responsibility.

Scope:

- Implementing solar panels and systems across campus buildings.
- Educating the college community about solar energy benefits and usage.

Policy Making:

- Forming a committee to oversee solar energy adoption and implementation.
- Conducting feasibility studies and assessments for optimal solar panel placements.

Effective Measures:

- Installing solar panels on rooftops or dedicated areas for maximum sunlight exposure.
- Integrating storage systems to harness and utilize solar energy efficiently.

Problem Solving:

- Addressing issues related to maintenance and system efficiency promptly.
- Exploring advancements in solar technology for better energy production.

Responsibility and Implementation:

- Administrative staff oversee policy adherence and allocate resources.
- Facilities teams ensure proper installation and maintenance of solar panels.
- Students and faculty participate in educational programs and support solar initiatives.



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2. ELECTRICAL ENERGY MANAGEMENT POLICY:

Purpose:

- Reduce electricity consumption and associated costs.
- Implement energy-efficient practices to minimize wastage.

Scope:

- Monitoring and regulating electrical usage in campus buildings.
- Implementing energy-saving technologies and practices.

Policy Making:

- Establishing a committee to oversee electrical energy management.
- Conducting energy audits to identify areas for improvement.

Effective Measures:

- Upgrading to energy-efficient lighting and appliances.
- Implementing smart systems to monitor and control electricity usage.

Problem Solving:

- Identifying and rectifying electrical system inefficiencies promptly.
- Encouraging behavior change through awareness campaigns.

Responsibility and Implementation:

- Administrative staff oversees policy adherence and resource allocation.
- Maintenance teams ensure proper functioning of electrical systems.
- Students and faculty actively engage in energy-saving initiatives.

3. HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) MANAGEMENT POLICY:

Purpose:

- Optimize HVAC systems for energy efficiency.
- Maintain comfortable indoor environments while reducing energy consumption.

Scope:

- Regulating heating and cooling systems in campus buildings.
- Educating the college community about HVAC optimization.



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Policy Making:

- Establishing a committee to manage HVAC policies and practices.
- Conducting assessments to optimize HVAC usage.

Effective Measures:

- Installing energy-efficient HVAC systems.
- Implementing temperature control and scheduling systems.

Problem Solving:

- Addressing HVAC system malfunctions or inefficiencies promptly.
- Educating occupants on proper usage for optimal energy efficiency.

Responsibility and Implementation:

- Administrative staff oversee policy adherence and allocate resources.
- Facilities teams ensure proper maintenance and functioning of HVAC systems.
- Students and faculty support energy-efficient HVAC practices.

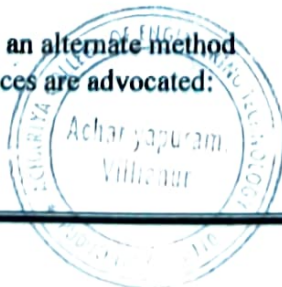
Creating specific energy management policies for different aspects allows for a more targeted approach, maximizing the efficiency and effectiveness of energy usage within Achariya College of Engineering Technology.

Objectives:

Ensuring access to clean and affordable energy is essential for economic and human development. The policy intends to sensitize and guide the students, teachers and other employees in optimising energy use in the campus.


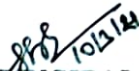
Scopes:

- Energy is vital for every form of work and our college is conscious of its responsibility on this issue of saving energy. The college encourages and practices to the optimum utilization of energy. Use when necessary and put off the use when work is over or when not necessary is the philosophy.
- The college is responsible to take initiative to promote optimizing energy use and periodic monitoring of energy use. The college encourages research on the methodology and reducing energy sus for various activities.
- The alternative electricity through renewable and sustainable energy sources are encouraged.
- Tapping of solar energy is an alternate method
- The following good practices are advocated:



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- Maximum use of natural day light for indoor illumination.
- Use of natural ventilation
- Fine tune of temperature setting of Air conditioners in Auditorium and Laboratories.

Verified by	Approved by
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