



Maitrey Educational Society's

**Nagarjuna**

**Institute of Engineering, Technology & Management**



# Energy Policy

**College Address:** Village Satnavari, Amravati Road, Nagpur-440023

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## Energy Policy

### **Purpose:**

The choice we make today on energy production and consumption will determine how sustainable a future energy system can progress in socio-economic endeavors. Considering this viewpoint, the Nagarjuna Institute of Engineering Technology and Management framed its energy policy and guidelines. The purpose of this policy and related guidelines is to save energy to ensure adequate, secure, optimal, and reliable energy supply which is indispensable to have a coherent, comprehensive, and workable IEP (Institute Energy Policy) framework. This framework eventually becomes a guide for maintainable energy expansion, effective utilization of natural resources, and provision of reliable energy supply to the citizenry. This policy also defines the roles and responsibilities of all stakeholders positioned at all levels in the institute. Ultimately, energy conservation is the responsibility of all members of the organization, not of an individual.

### **Statement:**

The Energy policy of Nagarjuna Institute of Engineering Technology and Management is focused on electrical energy. The Institute is also possessive to make use of other sources of energy. At the institute level, we monitor, conserve, and manage the need for electrical energy on the campus in commensuration with the growth in energy demands. It is the responsibility of the Institute to create awareness among the faculty, staff, and students about energy conservation measures. The institute policy boldly states to save energy along with maximum utilization of renewable energy.

### **Objectives:**

The following are the objectives of the Energy Policy of the Institute.

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- To reduce electrical Energy consumption.
- To use energy-efficient equipment.
- To use renewable energy resources

### Action Plan:

- To maintain the energy needs (electrical energy) with a backup power supply system 0 ensuring uninterrupted energy demands.
- To promote using sensor-based gadgets such as lightning equipment, fans, etc.
- To replace the existing conventional light bulbs with LED bulbs in a phased manner.
- To expand the installation of Solar PV Systems for increased loads in a phased manner.
- To create awareness among the faculty, staff, and students about saving electricity
- To conduct training programs for the faculty, staff, and students on saving electricity
- To promote the use of daylight and ventilation systems.
- To promote the use of equipment based on the star rating

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## Effective measures

- The setting of a Benchmark for energy saving in all the departments.
- Visualizing the use of electrical energy spent by the institute
- Using star-rated equipment
- Using LEDs and Solar panels.
- Using Sensor-based types of equipment
- Use the soundproof silent generator
- Maximize the use of natural ventilation and lighting systems by decreasing the electrical load by minimizing the use of fans and light during working hours.
- Identifying factors responsible for increment in energy usage.

## Problem-Solving

- Energy Audit by third party
- Strategic Energy Management and Continuous Improvement
- Campaigning

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## Responsibility

- Management Representatives
- Head of the Institution
- Dignitaries and Officers
- Faculty Members
- Staff Members
- Fourth Class Employee

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