

# Energy Policy



**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES**

**(AUTONOMOUS)**

## 1. Preamble:

Environment-friendliness and energy harvesting are of prime interest today which is the key factors in achieving Sustainable Development Goals (SDGs) for any organization. Keeping these factors in specifying energy policy of Anil Neerukonda Institute of Technology and Sciences (Autonomous), we presume that it is in accordance with the prescriptions of National Institution for Transforming India (NITI) Aayog with reference to support for renewable energy resources. Another factor of significance is rapidly and dynamically increasing energy demand. Since conventional sources cannot meet this requirement easily, ANITS has incorporated establishment of alternate energy sources in the form of Solar PV generation. ANITS energy policy also has taken an efficient energy management and conservation through good established procedures specified in its policy.

## 2. Statement

The Energy policy of ANITS monitor, conserve and manage the energy needs of the campus with the growth in the energy demands of the institute. It is the responsibility of the institute in creating awareness among the students and staff about the energy conservation measures. Maintain the efficient utilization of electrical energy with maximum usage of renewable PV power generating system and optimal consumption of lighting load with proper energy conservation measures in the campus. Also maintain green energy campus with utilization of energy management system. ANITS committed proactively in using energy in the most cost-effective, efficient and environmentally responsible way possible. The policy implies to explore the renewable energy resources and creating continuous awareness on efficient management of energy utilization among its students and staff.

The following objectives will lead to the implementation of ANITS Energy policy

## 3. Objectives:

- Improvement in energy efficiency to reduce energy consumption and cost.
- Minimize the energy consumption by use of energy efficient equipment and maximize use of day light and natural ventilation.
- Maximize the utilization of solar energy.
- Design future energy needs with energy conservation.
- Conduct energy audit annually.

## 4. Action Plan:

- 4.1. Conduct of External Energy Audit once in a year and internal energy audit once in six months.
- 4.2. Maintain the energy needs of the campus with back-up power supply system for supplying uninterrupted energy demands.
- 4.3. Establishment of energy efficient utilization measures in the supply, demand systems as part of energy management of the campus.
- 4.4. Implementation of Sensor-based energy conservation.

- 4.5. Replacement of existing conventional lighting with the LED lamps in phased manner.
- 4.6. Expansion of Solar PV System in Phased manner.
- 4.7. Create awareness among the students and staff in energy conservation and management by conducting training programs.
- 4.8. Encourage faculty members to obtain Energy Audit certification.

The Institute shall continuously review and update the approved policy and is committed to its implementation.

**Principal**  
**ANITS**