



ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES :: RAJAMPET

Approved by AICTE, New Delhi. Affiliated to Jawaharlal Nehru Technological University Anantapur
B.Tech : EEE, ECE & CSE courses Accredited by NBA, New Delhi. Accredited by NAAC with 'A' Grade
Recognized by UGC, New Delhi under sections 2(f) & 12(B) as per UGC act 1956. Institutional Member of ISTE

ENERGY CONSERVATION POLICY

Scope of the Policy

Policies and initiatives focused on conserving energy, protecting the environment, and promoting green campus activities will foster a positive attitude towards nature and inspire a commitment to safeguarding our resources among prospective teachers. As future nation builders, students and teachers are expected to pass on these values to younger generations in schools through various activities.

Objectives

- ☑ To help students and teachers grasp the significance of the environment and identify key problem areas.
- ☑ To empower students and teachers to raise public awareness.
- ☑ To safeguard and preserve ecological systems and resources both on and off campus.
- ☑ To collaborate with the local community to improve environmental protection practices and energy conservation strategies in rural areas.

Preamble

Environment-friendliness and energy harvesting are crucial today, serving as key factors in achieving sustainable development goals for any organization. In defining the energy policy of Annamacharya Institute of Technology and Sciences (AITS), Rajampet, we align with the guidelines of the National Institution for Transforming India (NITI) Aayog, particularly in supporting renewable energy resources. Given the rapidly increasing energy demand that conventional sources cannot easily meet, AITS, Rajampet has integrated alternative energy sources into its infrastructure. Additionally, the AITS, Rajampet energy policy emphasizes efficient energy management and conservation through well-established procedures.

Statement

The energy policy of AITS Rajampet aims to monitor, conserve, and manage the campus's energy needs in response to growing demands. The Institute is responsible for raising awareness about energy conservation measures among students and staff. This includes ensuring the efficient use of electrical energy and maximizing the utilization of the generating system. The policy also focuses on optimizing lighting load consumption through proper



College Code : 70

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energy conservation measures. Additionally, the campus maintains its commitment to green energy by implementing an energy management system.

Action Plan

AITs Rajampet is dedicated to maximizing energy conservation through a variety of measures.

- Form a committee to monitor and regulate campus energy efficiency.
- Conduct an annual green audit.
- Meet campus energy needs with a backup power supply system to ensure uninterrupted energy.
- Implement energy-efficient measures in both supply and demand systems as part of campus energy management.
- Replace conventional lighting with LED and sensor-based lamps.
- Monitor electricity bills to ensure efficient power usage.
- Raise awareness about energy conservation and management among students and staff through the Institute's eco-club.
- Promote energy efficiency by encouraging vehicle pooling and the use of bicycles among students and staff.
- Organize expert lectures on energy conservation.
- Regularly review, update, and commit to implementing the approved energy policy.
- Disseminate awareness programs, including energy campaigns and conservation measures, to the community for sustainable development.
- Instruct students on the proper use of electronic devices and ensure all Institute electronics are turned off when not in use.
- Minimize e-waste through proper maintenance before moving to the replacement and recycling stages.
- Use energy-efficient, star-labeled equipment for various purposes.
- Provide students and faculty with training in energy audit procedures for sustainable Institute and household energy conservation.

Sree. Naray
PRINCIPAL

