



RISE KRISHNA SAI PRAKASAM GROUP OF INSTITUTIONS::ONGOLE
(APPROVED BY AICTE-NEW DELHI, AFFILIATED TO JNTUK KAKINADA & RANKED AS "A" GRADE BY GOVT. OF AP)

POLICY ON ENERGY MANAGEMENT

VERSION 1.0

Document Number: RPRA/POL/03

Date of release :

Approved by	Date of Release
GC Members	
Date: 7/2/2016	09/2/16

Prepared by:

- 1 S.v. Satyanarayana, EEE, Asst. prof - *Saus*
- 2 N-Surekha, EEE, Asst. prof - *N Surekha*
- 3 K. Thirumalswera Rao, EEE, Asst. prof - *K. Thirumal*

ENERGY POLICY

Preamble

Energy is becoming a need. With 1.4 billion people and is one of the world's fastest expanding national industries, our country will be a big energy user. educational institutions must develop programmes and policies that turn them into carbon-negative institutions, educate students and staff on environmental issues and conservation, be responsive to new threats in the Energy sector, and So, the educational community must adopt sustainable energy that benefits the ecosystem.

With an energy policy that promotes resource efficiency and low-carbon campuses, the institution will be able to effectively organize organized programmes to raise knowledge about energy management and conservation.

Facilities in the Campus:

1. Grid-tied Solar Plant
2. Solar Plant - 100% Power Backup
3. LED Lighting.
4. Management of peak load
5. Repair, reuse, and regular maintenance of equipment for lifespan.
6. Effective yearly maintenance. Contracts to boost resiliency

Policy

As per the rules of Energy Protection and Sustainable, the RISE energy strategy articulates the Institutions commitment to energy conservation by outlining power management protocol for thermoelectric energy systems.

Objectives

- Use energy efficiently by introducing new technology
- Using renewable energy and reducing energy costs.
- Reuse and recycle

- Conduct frequent annual energy audits to uncover energy savings.
- Institutionalized monitoring and follow-up methods
- Train academics, non-teaching personnel, students, and cleaning staff to conserve energy.
- Raise public awareness about energy conservation.

Committee Plan of Action

- It is formed with the following members of the institutions
- Principal
- Electrical Department Faculty
- Tech Support

Action Plan

1. Regular monitoring of resource utilization and waste production.
2. Monitor and assess energy efficiency Strategies for a Zero Carbon Campus.
4. Use of energy-efficient equipment.
5. Periodic maintenance and LED replacement of other lights.
6. Use current equipment efficiently until its life cycle finishes and replace it as necessary.
7. Reduce e-waste as much as possible before going on to Substitute & Recycle.
8. Maximum utilization of natural light and ventilation. Adjusting the temperature of air conditioning units and water coolers.
9. Support student projects on Power Management, Energy Optimization, and Renewable Energy Harvesting to raise awareness of energy consumption and cost.