



# ANDHRA LOYOLA COLLEGE

**AUTONOMOUS :: VIJAYAWADA - 520 008**

**Established : 1954**

A CHRISTIAN MINORITY COLLEGE WITH CONSTITUTIONALLY PROVIDED RIGHT OF ADMISSION  
(AN ISO 14001 : 2015 INSTITUTION)

THE ONLY COLLEGE IN BOTH THE TELUGU STATES TO HAVE BEEN RANKED AMONG  
THE TOP 150 COLLEGES BY NIRF SINCE THE INCEPTION OF THE RANKING IN 2017

SELECTED UNDER THE STAR COLLEGE SCHEME OF DBT AND FIST PROGRAMME OF DST, GOVT.OF INDIA  
SELECTED FOR ENHANCEMENT OF QUALITY AND EXCELLENCE UNDER RUSA BY MHRD, GOVT.OF INDIA

## 7.1.2 ENERGY SAVING MEASURES AND ALTERNATE SOURCES OF ENERGY

**A College Dedicated to All-Round Development of its Students**





# Andhra Loyola College (Autonomous)

VIJAYAWADA-520 008.

Web: [www.andhraloyolacollege.ac.in](http://www.andhraloyolacollege.ac.in) e-mail: [contactalc@gmail.com](mailto:contactalc@gmail.com)

STD	: 0866
Main Off.	: 2476082
Inter	: 2476965
Degree	: 2481907
P.G.	: 2474902
CoE	: 2473251
Fax (Principal)	: 2474531
Fax (Correspondent)	: 2486084

## 9. ENERGY POLICY

### 9.1. Institutional Commitment to Sustainability:

Committed to environmental responsibility, this college implements an energy conservation policy to minimize consumption and promote sustainability.

### 9.2. Prioritizing Energy Efficiency Measures:

The strategy incorporates upgrading lighting infrastructure to energy-efficient LED technology, optimizing building systems through occupancy sensors, and implementing a robust preventative maintenance program for HVAC systems. Furthermore, the college fosters a culture of responsible energy use by promoting practices like powering down equipment through educational campaigns for staff and students. This collaborative approach strengthens the college's commitment to environmental stewardship.

### 9.3. Renewable Energy Integration Strategy:

The college is actively seeking ways to incorporate renewable energy sources on campus. This includes feasibility studies to assess the potential of solar panels for clean electricity generation. This multi-faceted approach demonstrates their commitment to a sustainable future and reducing their environmental impact.

### 9.4. Continuous Improvement and Monitoring:

Regular energy audits will identify areas for further conservation, while measurable goals track progress. The college will also periodically review and adapt the policy to leverage advancements in technology and best practices. Ultimately, this approach aims to create a sustainable campus, reduce reliance on fossil fuels, and contribute to a greener future.

Principal

PRINCIPAL  
ANDHRA LOYOLA COLLEGE  
VIJAYAWADA-B.



# Andhra Loyola College (Autonomous)

VIJAYAWADA-520 008.

Accredited in III Cycle at A+ Grade with a CGPA of 3.66 / 4.00

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## Energy Saving Measures

- Rooftop Solar panels are installed for solar power generation
- The institution shares the generated solar electrical energy to APCPDCL
- 35 (300 KW Solar power ) panels provides 20% reduction in electricity bill
- Use of LED bulbs and tubes also reduces the usage of conventional energy
- LED bulbs require up to 90% less power when compared to incandescent light bulbs. They are highly efficient
- LED bulbs are used in various places in the college for achieving proper lightings
- LED street lights are installed in the walkways
- The CFL fittings with higher rating wattage are replaced with LED fittings with lower wattage with the same luminous level in street lights and other possible areas of the campus.
- Energy audit is done to keep a track on the consumption and improvise usage
- Students and staff members are encouraged to share/ pool motorcycles and cars or use the public transport for saving fuel
- Usage of Energy Efficient BEE STAR Rated equipment
- Energy star certified products in such as air conditioners, refrigerators, ceiling fans and others are installed in the campus
- All this has led to minimization of the carbon footprint

  
PRINCIPAL  
ANDHRA LOYOLA COLLEGE  
VIJAYAWADA-8