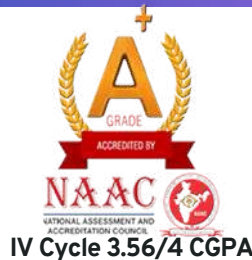


# CH.S.D.ST.THERESA'S COLLEGE FOR WOMEN (AUTONOMOUS)

Affiliated to Adikavi Nannaya University, Rajamahendravaram



9001:2015  
Certified



ARIIA  
ANNUAL RANKING OF INSTITUTIONS  
ON INNOVATION ACHIEVEMENTS  
BAND  
PERFORMER



## EXTENDED PROFILE

### 7.1.2: ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES

“Thamasoma Jyothirgamaya”

COLLEGE OF EXCELLENCE | AUTONOMOUS SINCE 1987 | ISO CERTIFIED

Gavaravaram, Kattasubbarao  
Thota, Sanivarapu peta road, Andhra Pradesh,  
Eluru - 534003

## **7.1.2: INSTITUTIONS' ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES**

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Ch.S.D.St. Theresa's College for Women (A) Eluru, is committed to sustainability and eco-friendly practices, which is evident through its implementation of various facilities aimed at embracing alternate sources of energy and promoting energy conservation. These facilities include utilizing solar energy, operating a biogas plant, engaging in wheeling energy back to the grid, employing sensor-based energy conservation techniques, and utilizing and equipment.

Additionally, the college takes pride in the ingenuity of its Physics staff and students, as they actively engage in developing and patenting innovative power-efficient LED bulbs to contribute to the field of energy conservation. By leveraging these initiatives and advancements, St. Theresa's exemplifies its dedication to creating a greener and more sustainable environment for all members of its community.

### **1. Alternate sources of energy and energy conservation measures**

The college diligently follows alternative sources of energy, such as solar and wind power, alongside implementing energy-saving strategies and technologies, initiatives to promote environmental stewardship and pave the way for a greener future

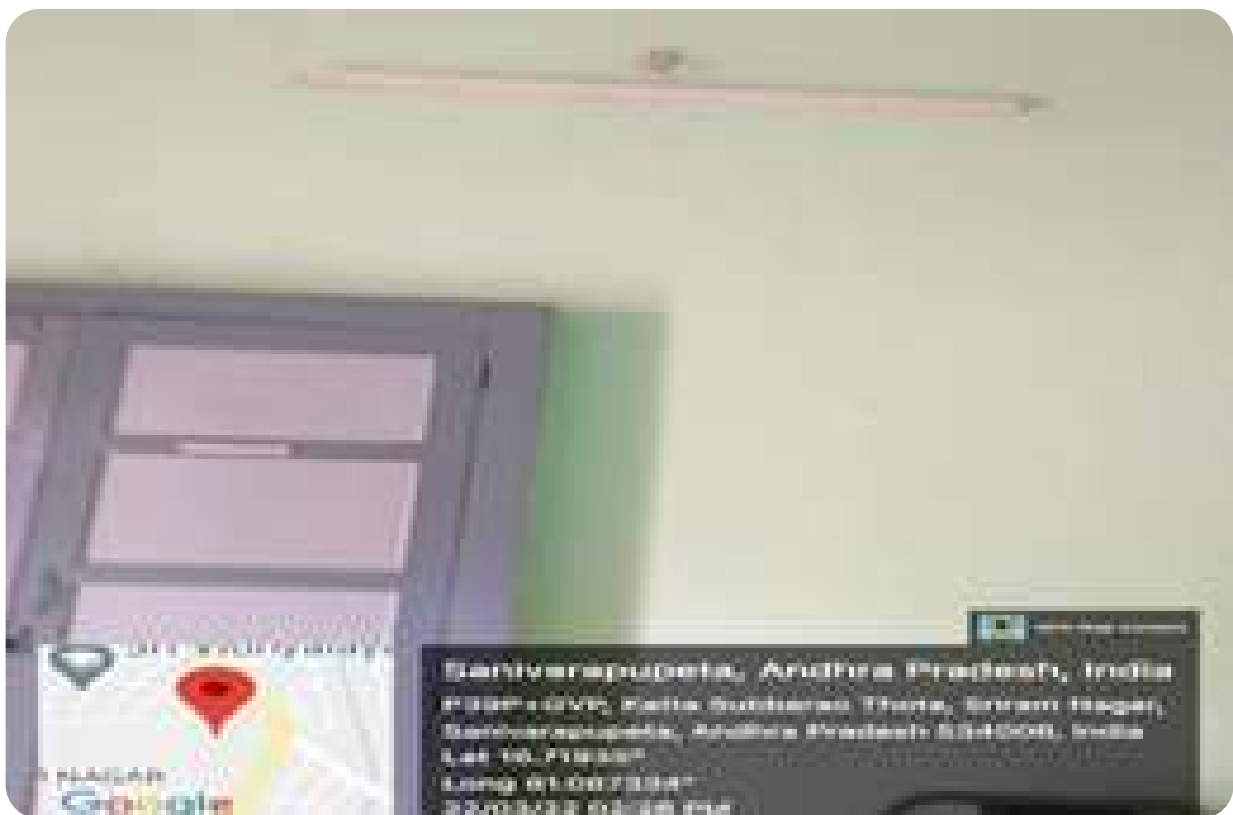
## SOLAR ENERGY (PHOTO)



## WHEELING TO THE GRID (PHOTO)



## USE OF LED BULBS (PHOTO)





## . BIOGAS PLANT



8-173/S9, Katta Subbarao Thota, Sriram  
Nagar, Eluru, Andhra Pradesh 534003,  
India