



ADITYA ENGINEERING COLLEGE

An Autonomous Institution


Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade
Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

7.1.2. The Institution has facilities for alternate sources of energy and energy conservation measures


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SOLAR ENERGY

S.No	Name of the facility with location	Description	Links for Geo tagged photos	Geo tagged Photo
1.	Solar energy Location- Cotton Bhavan, K L Rao Bhavan, Bill Gates Bhavan	Solar Panels are erected on the rooftops of the buildings with a capacity of 500 KW power generation. The generated power is wheeled to the grid.	View Photo 1 View Photo 2 View Photo 3	


Note: The geo-tagged photographs can be downloaded using the link [Download](#)

BIOGAS PLANT

S.No	Name of the facility with location	Description	Links for geo tagged photos	Geo tagged Photo
2.	Biogas plant Location- Behind Bill Gates Bhavan	Biogas Plant is installed with an intake capacity of 40KG/day and 4M ³ of Biogas is generated per day.	View Photo 1 View Photo 2	


Note: The geo-tagged photographs can be downloaded using the link given [Download](#)

Wheeling to the Grid

S.No	Name of the facility with location	Description	Links for geo tagged photos	Geo tagged Photo
3.	Wheeling to the Grid Location- Roof top of the building	The solar power generated is wheeled to the grid.	View Photo 1 View Photo 2 View Photo 3 Power Consumption Report	


Note: The geo-tagged photographs can be downloaded using the link given [Download](#)

Sensor- based Energy Conservation

S.No	Name of the facility with location	Description	Links for geo tagged photos	Geo tagged Photo
4.	Sensor-based energy conservation Location- cotton bhavan	GIC Analog Timer switch sensor is installed which switches ON/OFF the lights in the building as per the ambient light conditions.	View Photo 1	

Note: The geo-tagged photographs can be downloaded using the link given [Download](#)

Use of LED bulbs/ power efficient equipment

S.No	Name of the facility with location	Description	Links for geo tagged photos and bills	Geo tagged Photo
5.	Use of LED bulbs/ power efficient equipment Location-All major locations and rooms	Buildings and Pathways in which 9W, 20W and 45W LED bulbs are installed.	View Photo 1 View Photo 2	

Note: The geo-tagged photographs can be downloaded using the link given [Download](#)