

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	Description Andrea Belonin, eds. Out 1980 Andrea Section (1980) And 1980 Andrea Section (1980) And 1980 Andrea Section (1980) Andrea Section (1980) Andrea Section (1980) Andrea Section (1980) Andrea Section (1980)

Note: The geo-tagged photographs can be downloaded using the link $\underline{\text{Download}}$

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 4M³ of Biogas is generated per day.	View Photo 1 View Photo 2	Surangaleri, Archra Pradech, India 1580-007, Surangaleri, Archra Pradesh, India 1580-007, Surangaleri, Archra Pradesh 533427, India 1697-1722 92-57 PM

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	Barrampaisers, Anathra Prackers, India Solds (20th Integration Season County), Affects from the Solds (20th Integration Season County), Affects from the recommon season (20th Integration Season County) (20th Integration Season Coun

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	Surampalem, Andhra Pradesh, India 3308+40f, Surampalem, Andhra Pradesh 53345f, India Let 1708/7812* Ling 83.088326* 10/08/22 04:05 PM

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	Surampalom, Andhra Pradesh, India 3308-550K Surampalem, Andhra Pradesh 939437 india Lat Transpar Lat Lat Transpar Lat Lat Transpar Lat