



GITAM : GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(Deemed to be University u/s 3 of the UGC Act, 1956)

A Category - I Deemed to be University

Visakhapatnam | Hyderabad | Bengaluru

SUMMARY SHEET

Metric No : 7.1.2

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

- ❖ Installed and commissioned 1560 KWp rooftop solar power plant, through which more than 35 % of energy demand is met.
- ❖ A fully functional Bio-gas plant is in operation, whose average output is 16 m³ per hour.
- ❖ GITAM has entered in to an agreement with APEPDCL for wheeling the surplus power generated through rooftop solar power plants available in the campus.
- ❖ As and when the existing electrical gadgets are worn out most of the gadgets installed are sensor based and because of which energy conservation is ensured. This has been evident through the energy audit report also.
- ❖ In the recent days 4.811 KW LED lighting fixture has been installed, replacing the traditional tube lights and CFL.

Supporting Documents :

File description	Web link
Solar Energy	https://iqac.gitam.edu/nc3/cr7/al7121_solarenergy.pdf
Bio Gas Plant	https://iqac.gitam.edu/nc3/cr7/al7122_biogasplant.pdf
Wheeling to the Grid	https://iqac.gitam.edu/nc3/cr7/al7123_wheelingtotheGrid.pdf
Sensor Based Energy Conservation	https://iqac.gitam.edu/nc3/cr7/al7124_sensorbasedenergyconservation.pdf
Use of LED Bulbs / Power efficient Equipment	https://iqac.gitam.edu/nc3/cr7/al7125_ledbulbs.pdf

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