



GITAM Deemed to be University

GITAM gets 35% of its' energy consumption through Low carbon Energy Sources.

a) Solar Power:

GITAM has 1614 KW installed capacity of Solar energy.

Solar Capacity	VSP	HYD	BLR
	1016KW	100 KW	498 KW
Total	1614 KW		

Initially it started usage of low carbon energy consumption by installing 500 KW in the Visakhapatnam main campus located in Andhra Pradesh, India. It progressively increased it's investment on solar power in the other two campuses viz., Hyderabad located in Telangana and Bangaluru located in Karnataka.

In the current financial year i.e., 2024-25, in GIMSR Campus also 500 KW solar power was installed which is contributing to the increased consumption of low carbon energy.

b) Wind Power

Another sources of low carbon energy usage for GITAM is Wind Power.

Indo-Korean wind turbine project: GITAM has an International Collaboration with the Cheongju University, Korea for Indo-Korean wind energy project. GITAM entered with an MOU on March 2023 to further strengthen this project wherein GITAM Hyderabad commissioned four on-campus small wind turbines. "The ongoing Indo-Korean wind energy project is a crucial one for GITAM and monitors wind data and compares the performance of Indian and Korean models. GITAM addresses the technical aspects associated with wind

turbines”. Apart from the four turbines in Hyderabad, 16 more are being commissioned nationwide. Currently, the wind data and power generation data are recorded at different locations individually. In the future, the data will be fed to a cloud server, which can be accessed from any location. Additionally, GITAM is also planning to set up a data center for analyzing the wind data from any location where Archimedes wind turbines are placed.

c) Biogas

The Gandhi Institute of Technology and Management (GITAM) in Visakhapatnam, and Hyderabad campuses has biogas plants that produces biogas from biodegradable waste. The biogas plant is part of the university's efforts to reduce its environmental impact and use renewable energy.

Wet Waste is collected from the Canteen and Kitchen are sent to Bio Gas Plant for Bio Gas Production and the output of the Bio gas is sent to the Composting. Bio gas plant is with a capacity of 500 Kilogram per Day.

During the Academic Year 2023-24, food waste is converted into biogas i.e., 15367 kgs which converted into biogas of 2254.6 cu.m. gas produced through Biogas Plant.





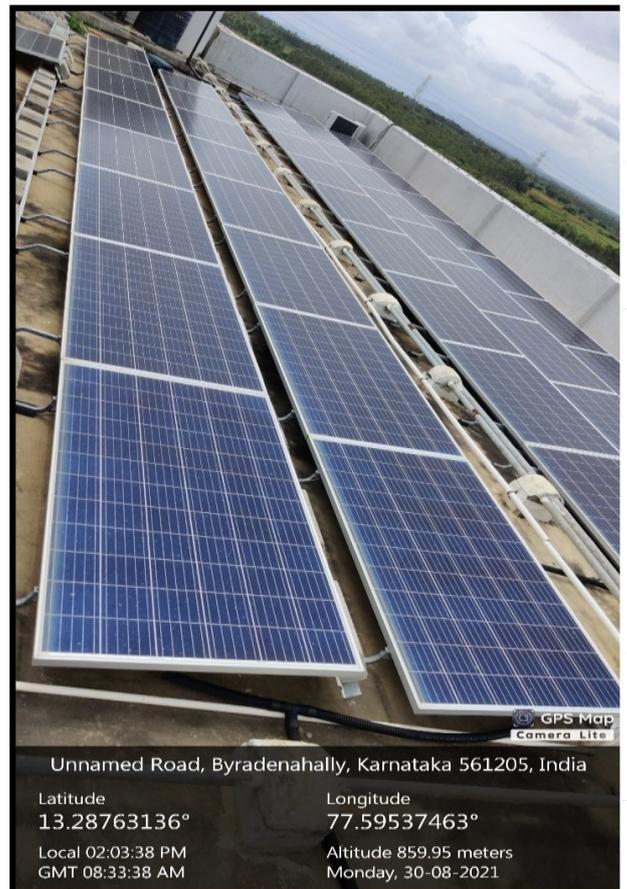
 **GPS Map Camera**



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25/10/24 09:17 AM GMT +05:30

GEOTAGGED PICTURES OF SOLAR PANELS

Solar Panels are installed on the terrace Visakhapatnam campus



BEFORE AND AFTER PICTURES OF INSTALLATION OF SOLAR PANELS

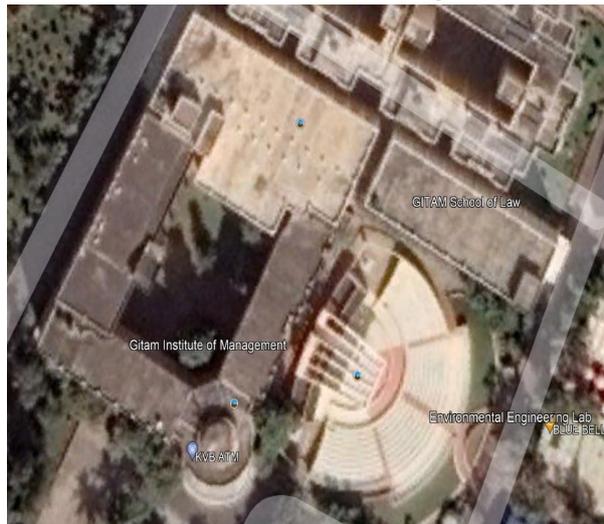
Sri Visvesvaraya Bhavan



School of International Business



GITAM school of LAW & Management



Aditya Sadan



Architecture, Civil, Pharmacy and Industrial buildings :



School of International Business



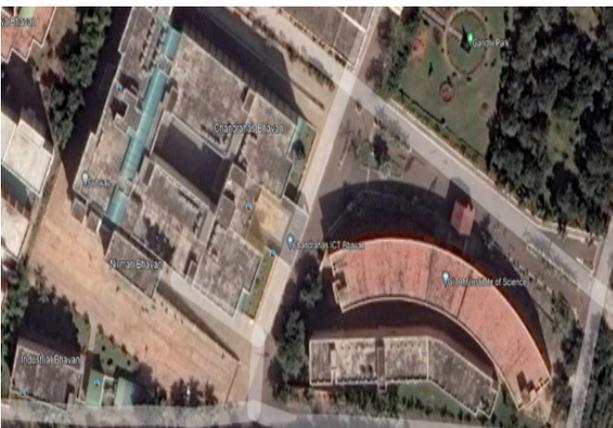
EEE Building



Knowledge Resource Centre



Institute of science, Chandras bhan



School of nursing



GIMSR Hospital



Hostels



Aditya Sadan : Before and After installation of Solar panels

