



THE - Impact Rankings 2021

Towards Sustainability...

7 AFFORDABLE AND
CLEAN ENERGY



Ensure access to affordable, reliable, sustainable and modern energy for all

7.2.3 Carbon Reduction and Emission Reduction Process

The VIT had initiated the following projects to attain Carbon Reduction and Emission in its activities.

The green campus initiatives of VIT can be view at

<https://vit.ac.in/detailview/green-vit>

Solar Power Plant with Overall capacity of 1.12 MW





Latitude: 12.973177
Longitude: 79.164307
Elevation: 230.94m
Time: 19-01-2019 16:26
Note: Solar PV



Latitude: 12.973185
Longitude: 79.157101
Elevation: 220.36m
Time: 19-01-2019 15:54
Note: A Block Mens Hostel

Biomass based power plant of 100 kW capacity and a A 300 m3 capacity biogas plant





Latitude: 12.97397
 Longitude: 79.15902
 Elevation: 206.01m

140 kVA – Producer Gas Engine

Engine capacity	140 KVA
Type of Engine	Duel fuel engine
RPM	1500
Volts	415
AMP	195
Hz	50
Raw Material (Fuel)	Producer gas + diesel
Blocks connected	Men's hostel C, D & E
No. of shift operation	3 shifts
Biomass consumption	0.98 kg biomass per unit
Total units produced till 31.03.2015	11,08,467 units
Number of hours operation till 31.03.2015	25,827 hours

05:08 PM
 FRIDAY, 02 AUG

India

LONGITUDE 79.156241 79°9'22.46"E
 LATITUDE 12.970261 12°58'12.93"N