

## Renewable Energy Resources-Solar Energy for Sustainable Management

Guru Ghasidas Vishwavidyalaya, Bilaspur Chhattisgarh has been installed intensively solar panel in campus. Campus has sufficient solar street lights system to alter the traditional energy consumption system.

1. The solar light system unit in Guru Ghasidas University using solar plates in built lights in all the street light ,building campus, restaurant and hostel premisses.

2. On roofs of **Institute of Technology, Department of Pharmacy ,Department of Chemistry ,Central Library. Department of Bio- Technology, Department of Forestry** and other teaching buildings and solar PV power station of total 1.74MW is installed.

Renewable energy sources at GGV Bilaspur campus						
S.No	Items	Location	Capacity	Nos	Total watt	Production Capacity (Kwh per year)
1	<b>Solar street light</b>	Various Department, Parking, Street	12W	70	840 W	3679.2
2	<b>Roof top On-grid solar panel installed till date</b>	Various Building	1.09 MW (AC)	1	1.09 MW	Production not start <b>Note:-</b> 2MW roof top on-grid solar power plant (1.74MW AC) proposed.Order no-227/Engg/CPSU/GGV/2019 Dated 06.12.2019

