

# SOLAR ENERGY

## 7.1.2. ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES AVAILABLE IN VISTAS

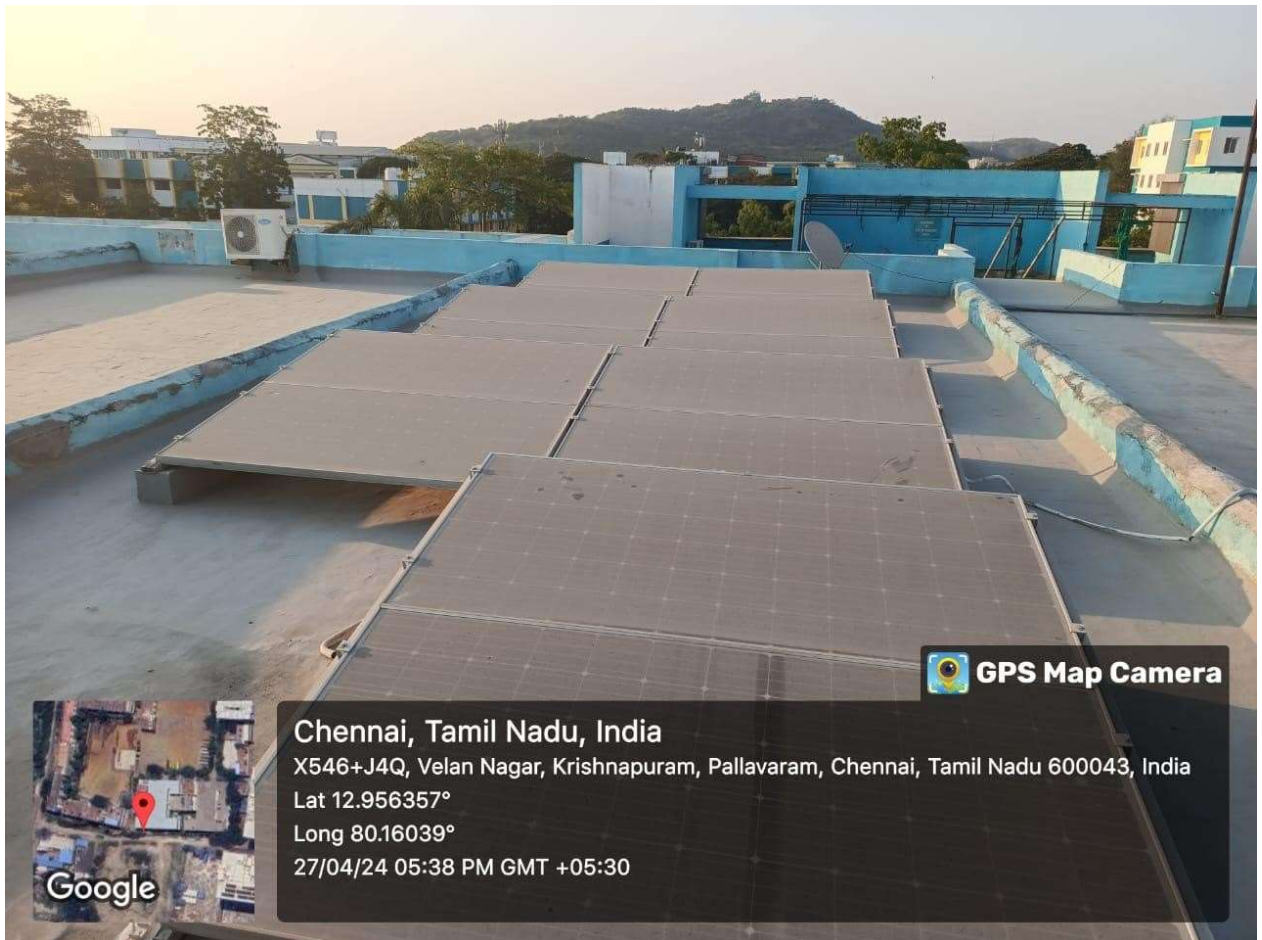
### 1. Solar Energy:

VISTAS has installed solar panel in the university campus library building as a step towards sustainability, to reduce carbon foot print and to promote clean energy. The rooftop solar PV power plant of capacity 3 KW had been installed on the rooftops of VISTAS. VISTAS generates 4800 to 5200 kwh solar energy every year.

#### SOLAR PANEL DETAILS

Model Name	Growatt 5500MTL-S
Capacity	3KW
DC Voltage	70V-550V
DC Current	15A/15A
AC Voltage	230V
Frequency	50Hz/60Hz
AC Current	21.8Amps
PF	0.95 leading-0.95lagging
Protection degree	IP65
Location	Library building

## SOLAR PANELS INSTALLED IN ROOF TOP OF LIBRARY BUILDING



VISTAS installed solar street lights to promote sustainability, safety, and cost-effectiveness.

### SOLAR STREET LIGHTS INSTALLED IN VMCH CAMPUS

