PCE's commitment to Renewable Energy

The PCE has started solar initiative in the year 2016 with a final year project on solar energy. The project is a hybrid power generation plant of 3 KWPD capacity. It incorporates a three-tier hybrid power generation system with solar updraft tower technology, solar cells & a micro windmill unit. The system is fully functional & operates throughout the year irrespective of the seasons.

The system is installed in the campus of PCE.

Another initiative has been taken in the form of a solar water heater in the PCE Girls' hostel. A solar water heater based on a 200 liters water tank is fully functional.

There is another solar system in the campus where a fully functional Garden lighting system has been installed.

Together these three units comprise of 1.2% of the total energy demand of the PCE.

The management of PCE is planning to shift the entire campus to green energy in near future.

Dr. M.P. Singh

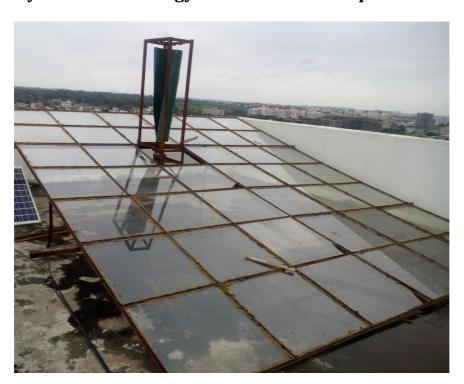
Principal

Priyadarshini College of Engineering

Solar Garden Light



Hybrid Green Energy Plant - The Solar updraft tower



Hybrid Green Energy Plant - Micro Wind Turbine



Solar Water Heater on PCE Girls' Hostel



