

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

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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

