

Plan to reduce energy consumption

Shoolini University has proven process to reduce energy consumption. The Centre of Excellence in Energy Science and Technology recommends measures to be followed as per Energy & Environment Policies in the University and Director Operations and Director Estate implements in phased manner.

Existence of plan

As a part of the plan the university adopted the energy policy in the year of 2019 and replaces most of the conventional electric appliances by five-star energy saver appliances. Additionally, several sensors were installed to auto cutoff when the appliances were not in used. Similarly, sensors were also installed in certain appliances to control luminosity as per the requirement. *Solar lights have been installed in the Campus* and proof is depicted in following figures. Installation of new PTC heaters and 8kW heat pump system in international hostel are further actions taken to identify and reduce electricity consuming areas in the campus and improve energy efficiency.

Evidence

1) Implemented sensors for auto cut off for electrical equipment.



Energy efficient device installation

2) 90% of lights in the university are LED based 20-Watt tube light which saves up to 50% energy. Rechargeable 18W LED lights have also been used.



3) Additional new 40W LED based Solar Street Lights were installed during 2021



4) Use of modern energy efficient PTC air heaters in international hostel rooms



5) Use of new energy efficient heat-pump based system for water heating in International hostel

