**Power Generation Through Peilter Plates**

Abstract:

This work presents the efficient generation of electricity using the principle of See back effect which is a phenomenon in which a temperature difference between two dissimilar semiconductors produces a voltage difference between the two substances. The higher the temperature differences, the higher the voltage it produces. Here two innovative ways of harvesting energy is proposed i.e one from direct sunlight using Fresnel lens during daytime and one from simple heat source candle during night time. Generating electricity with wind energy and solar panel is common nowadays and moreover the cost is high. The aim of this paper is to generate electricity in remote areas where electricity is still irregular and insufficient. The designed module produces power in small watt for application in low power consumption electronic products even at the absence of wind and sun energy. The total output voltage of the design module when using candle as heat source and water as coolant, produce DC 7.6vol and current of 4.3mA with a total power of 31.64 Watt which is enough to light low power LEDs and charging of mobile phone.