



The Autonomous & Heritage Institution

KANYA MAHA VIDYALAYA, JALANDHAR

College with Potential for Excellence

Re-Accredited A⁺ by UGC-NAAC

Star Status by DBT

FIST (Phase II)) Supported College

Facilities for Alternate Sources of Energy and Energy Conservation Measures



Introduction

KMV has undertaken several initiative to promote ecological sustainable growth and to educate students, staff and general public about energy security challenges and the need for enegy consevation. For sustainable growth as well a solution to meet the Insittutions's energy needs various measures like generation of solar power, Use of sensor-based energy conservation gadets, Use of LED bulbs and power efficient equipment is installed.

➤ 7.1.2.1Solar Water Heating System

From an energy security perspective, solar is the most secure of all sources, since it is abundantly available. During the last many years, Solar energy based decentralized and distributed applications have been installed in the campus and it has benefited largely by meeting the Insitution's energy needs in an environment friendly manner .



➤ 7.1.2.4 Sensor-based energy conservation

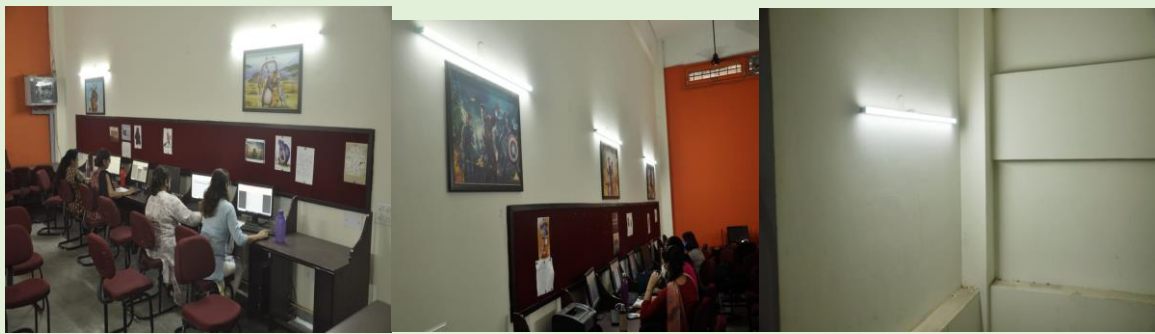
The insitution is using the equipments which are saving energy. Also purchasing the instruments with 4 star to 5 star power consumption and saving the electricity .



➤ 7.1.2.5 Use of LED bulbs/ power-efficient equipment

KMV insitution is using CFL, LED and star rated power equipments etc. which consume lesser electricity vis-a-vis illumination and result in lesser energy utilization. Insitution procures electrical equipments which have energy star rating as per Bureau of Energy Efficiency (BEE) standard which

ensure relatively lesser consumption of electricity. The insitution has installed the LED light in the whole campus for low consumption of energy as shown in figure 3.



5 STAR ELECTRICAL EQUIPMENT IN COLLEGE



