

BEST PRACTICE :02 USE OF LED BULB / TUBE AND ENERGY CONSERVATION.

OBJECTIVES:-

- 1) prevention and avoidance of energy waste.
- 2) To identify energy saving opportunities.
- 3) To minimize environmental effects.
- 4) To increase efficiency.
- 5) To find superior energy alternative.
- 6) To reduced carbon emissions.

CONTEXT :-

Energy needs to be conserve to cut cost and preserve the resources for longer use. Conventional energy sources Damage the environment by emitting harmful gases into the atmosphere. Conventional energy sources are limited and might expire one day. We there for have a responsibility to conserve and save energy as much we can to make it available for our future generation and protect our environment from further degradation. LED Bulbs and tubes are 80% energy efficiencient compared to fluorecence bulb . LEDs also make less wastage of energy than other conventional bulbs . LEDs however convert 95% of energy into light only 5% being wasted as heat .Hence using of LED bulbs save energy and it is eco friendly.

PRACTICE:-

- ❖ The college conduct awareness programs on energy conservation and adopts measures to ensure that energy is conserved wherever possible.
- ❖ Every department follows of policy of switching on power only when required and switching of when not in use.
- ❖ Classrooms in the old and new building have very wide and long windows with a high roof which ensures that the use of lights and fans would be minimum as ventilation is naturally enhanced.
- ❖ Many classrooms ,departments ,administrative office, and the principal chamber of the college are airy and well illuminated for the maximum use of natural lighting during the day time.
- ❖ College strictly observe to see that no electric equipment run unnecessarily does enough major are taken to use electricity carefully.
- ❖ Almost all computer monitors, TV and projector is used are either LED or LCD type LED bulb and LED Tube type to ensure minimum usage of electricity and also to reduce the level of radiation.

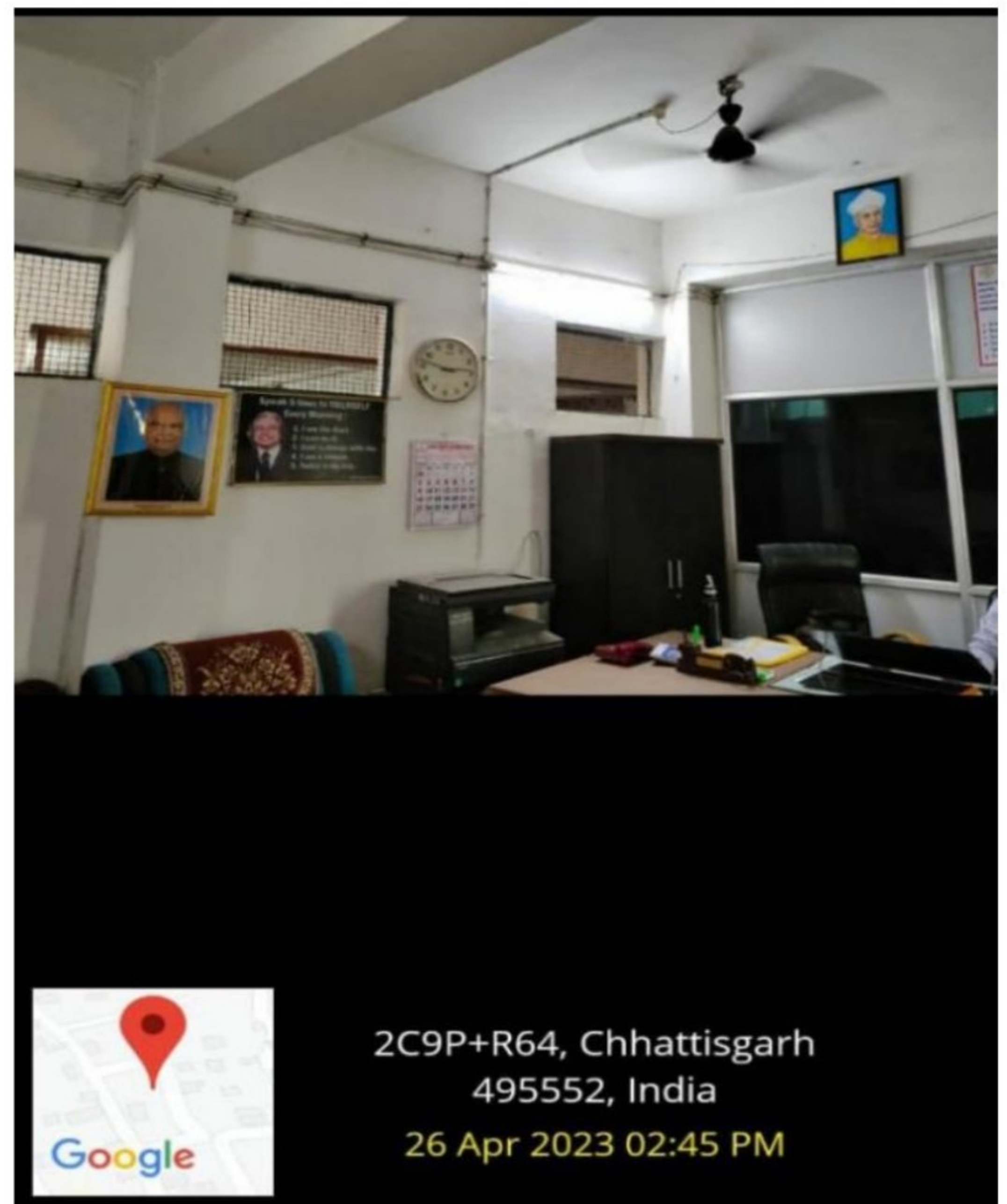
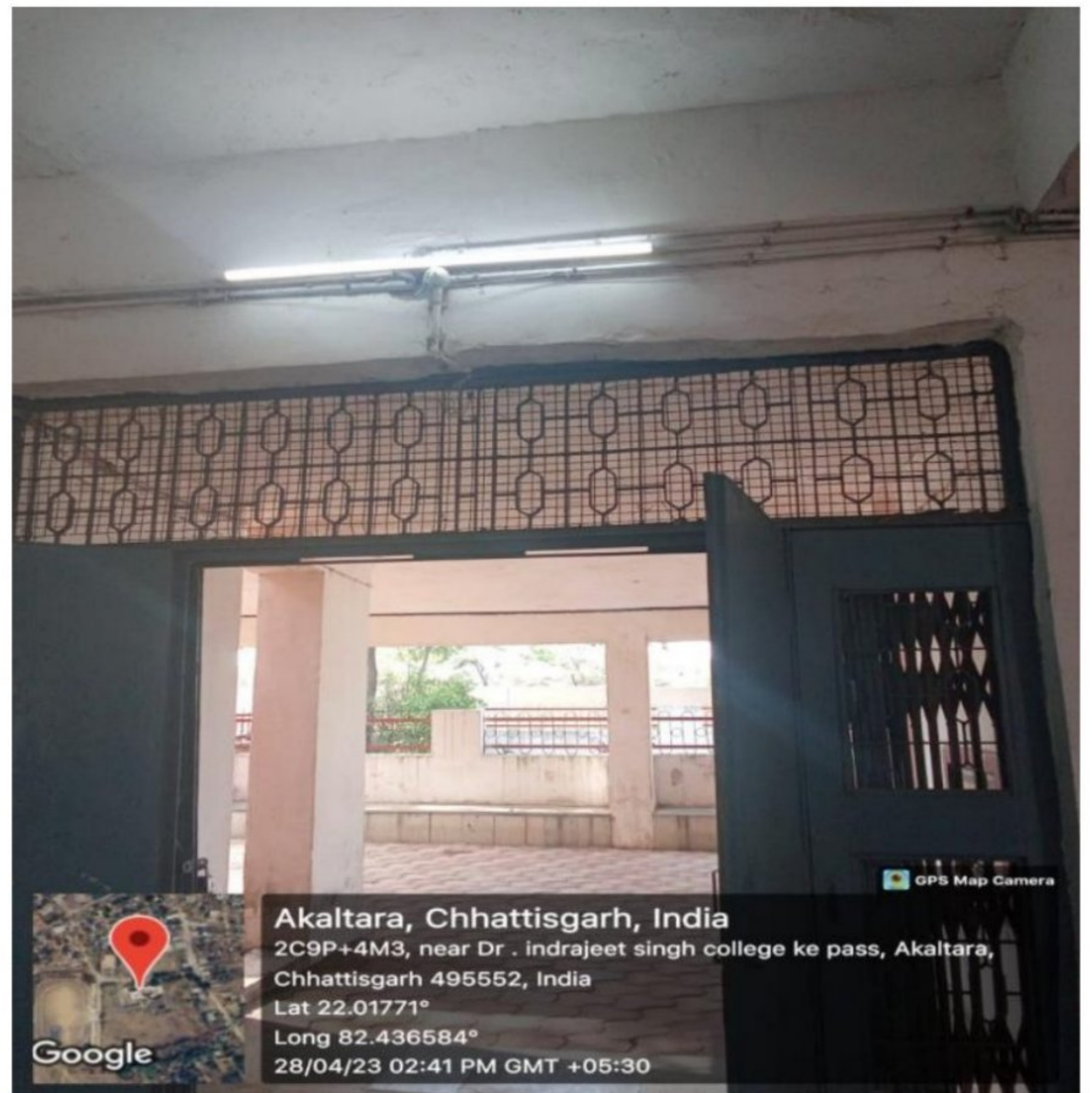
EVIDENCE OF SUCCESS:-

Reduce electricity bill of the college and saving energy and environment .

RESSOURCE REQUIRED AND PROBLEM ENCOUNTERED:-

Since this institution is a Govt. Funded institution there fore the process of getting funds sanctioned is some times a lengthy process.

LED BULBS AND TUBES IN DEPARTMENT, PRINCIPAL CHAMBER, CLASS ROOM AND OFFICE



LED TV (PRINCIPAL CHAMBER)



WIDE AND LONG WINDOWS FOR GOOD VENTILATION AND NATURAL LIGHTING



