7.2.2 - UPGRADE BUILDINGS TO HIGHER ENERGY EFFICIENCY

SKCET CAMPUS

The main objectives of using LED lamps instead of conventional lamps such as, Energy efficiency, Extended life, Cold temperature operation, instant-on and durability, which emits light in all directions. This directional lighting capability reduces wasted light and energy.





LIBRARY BLOCK LED LIGHT PHOTOS





LED LAMPS INSTALLED IN DIFFERENT LOCATIONS OF SKCET CAMPUS

In SKCET campus, we installed LEDs at different places. The main objectives of using LED lamps instead of conventional lamps such as, Energy efficiency, Extended life, Cold temperature operation, instant-on and durability, which emits light in all directions. This directional lighting capability reduces wasted light and energy.

Percentage of annual lighting power requirements met through LED bulbs

Total Number of fluorescent Lamps : 5182 Nos X 36 W = 186552W

Total Number of LED lamps : 1130 Nos

{[230 Nos X96W] + [900 Nos X36W]} = 53100W

$$Percentage\ of\ annual\ lighting\ power\ requirements\ met\ through\ LED\ \} = \frac{53100}{239652} X100$$

= 22.10%

STREET LIGHT PHOTOS



