To consider the proposal for replacement of Tubelights and CFLs in Halls of residence with energy efficient CFLs

# LED LIGHTS IN HALLS

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Since last year, electricity consumption has been a recurrent issue in the campus owing to imposition of electricity bills for the first time on scholar residents in halls of residence. One of the measures for reducing the consumption is using LED lights in hall rooms and common areas. A survey for the same was conducted in summers to calculate the expected saving in each hall, some advantages and disadvantages have been listed below-

**Advantages-**

* Reduction in monthly unit consumption of residence halls.
* The average life of LED bulbs is much more than the Tube lights used right now.
* Brightness at same power is much higher.

**Disadvantages-**

* Shadow casting can cause discomfort in initial days.
* Old tubelights need to be donated, if changes occur in all halls simultaneously then it might be problem.
* Cost of LED lights is much higher as compared to normal CFLs and hence it would be a big investment of halls in general.