

ADITYA DEGREE COLLEGE



Accredited by NAAC with 'B++' Grade

Affiliated to Adikavi Nannaya University

Laxminarayana Nagar, KAKINADA, East Godavari Dist., A.P – 533 003,

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A BRIEF REPORT ON SENSOR LIGHTING SYSTEM

Aditya Degree College has made the energy policy in the year 2018 and from 2019 onwards, it is implementing effectively. The following benefits we observed while implementing this policy.

This system in our college is very efficient as it automatically switches off the luminaries when there is no presence detected (for a predefine time). As a result, the end-user saves on electricity consumption. Convenience – Turning on the lights will be as easy as walking inside the room.

Advantages observed by the College:


- Energy Savings – This system is very efficient as it automatically switches off the luminaries when there is no presence detected (for a predefine time). As a result, the end-user saves on electricity consumption.
- Convenience – Turning on the lights will be as easy as walking inside the room. No need to search for the switch on the wall. The lighting system will automatically turn off the lights when it does not sense any movement for a certain period of time.
- Acts as a Deterrent – This device also acts as a deterrent from intruders as it will be harder to do unlawful activities after business hours. The security team or people in the community will be able to pinpoint areas that may have unusual activities.

This improved (1) college security (2) enhanced safety (3) more convenience (4) saved energy (5) light up difficult areas.

Aditya Degree College, Kakinada formed a committee on the institutional policy of energy saving and this committee will conduct periodical meetings from time to time or whenever necessary on need basis. The committee will discuss about efficiency of this energy saving system and also discuss the problems facing with the energy saving policy. If any problems noticed by the members, immediately, the committee will appoint a person to make necessary arrangements to resolve the same with the energy saving technical team available in house or bring the technical personnel from outside.


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