

SYNOPSIS OF THE PROJECT

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Shared folder/git repository details	https://github.com/Devananda27200/MAIN_PROJECT_52
Project Title	Modern Street Lighting System with Intensity Control based on Vehicle Movements and Atmospheric Conditions using Zigbee
<p>Description of Project:</p> <p>Now a days environment norms & energy is important aspects for street lighting systems design. Developing countries like India, where this street light monitoring & control system plays important role to reduce the specific power consumption. This paper represents a remote street light system with intensity control based on vehicle movement, weather & climatic conditions like humidity, loudly weather, rainy season; it is based on LED and wireless sensors network like ZigBee. The system is automatic controlling of street light according to seasonal variations, which includes auto loop system with respective time dependent, while vehicle crossing the road. It will give large impact of saving electricity.</p> <ol style="list-style-type: none">1.Wireless sensor network,2.LED street light system,3.control system,4.energy saving,5.PIR sensors,6.LDR, Zigbee.	
Front end and Backend Tools	Python, Django, MySQL

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