

Title: VEHICLE MOVEMENT BASED STREET LIGHTS

Team Details:

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Abstract:

The project aims at saving energy by detecting the vehicle movement on highways and switching on the block of street lights ahead of it and simultaneously switching off the trailing lights. The project requires sensors to detect the vehicle movements and switching on the lights ahead of it. As soon as the vehicle moves ahead the trailing lights automatically switches off. This can be used to save a lot of energy instead of conventional system where the street lights are remained ON. Another mode of operation can be used where the lights are remained on with 10% intensity and when the vehicle passes by the lights ahead of it are switched on with 100% intensity and the trailing lights revert back to 10% intensity.

Photos:

