

ABSTRACT

TITLE: Automatic Car Headlight Dimmer
RESEARCHERS: Angcanan, Leah L.
Briones, Keem Leslie Z.
Tan, Jollibeth Z.
ADVISER: Mr. Danilo Reyes
SCHOOL: De La Salle University-Dasmariñas
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Headlights are very important in a vehicle as they are the one that lights the road ahead in cruising at nights and dark places mounted at the front of the vehicle. They provide a distribution of light with no particular control directed to the driver. By that, for some instances, there are accidents experienced due to high glare of lights approaching the driver's direction.

Headlights has two condition either high beam or low beam. It is possible for a car headlight to be automatic. It depends on how it will function. For that reason, the researchers decided to propose this study entitled "Automatic Car Headlight Dimmer" that automatically dims when an approaching vehicle is in bright mode. The mechanism of the study is to place light detecting sensors on the driver's side. The said study would include an indicator that would determine the status of the headlamp. To do that a source code development is required. Obviously, there will be a construction of the circuit board.

This study and the prototype would help the drivers to drive safely without blinding other drivers that help prevent accidents.