Design of a Vehicle Driver Drowsiness Detection System through Image Processing using Matlab

ABSTRACT:

A person when he or she does not have a proper rest especially a driver tends to fall asleep causing a traffic accident. It is why the present work wants to realize a system that can detect the drowsiness of the driver, in order to reduce traffic accidents. For that system, it will take the processing of images through a camera which will focus on the driver. In that, it is going to analyze the changes that happen in the face and then will be processed through a program in order to detect drowsiness to send an alert to the driver.