



International Journal on Recent Researches In Science, Engineering & Technology

A Journal Established in early 2000 and upgraded to International journal in 2013 and is in existence for the last 10 years. It is run by Retired Professors from NIT, Trichy.
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Research Paper

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ISSN (Print) : 2347-6729
ISSN (Online) : 2348-3105

Volume 1, Issue 9,
September 2013

DIIF IF :1.46
SJIF IF: 1.329

Driver's Fatigue Detection Based On Eye Tracking

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Abstract - Literature review revealed the development of a nonintrusive system which can detect fatigue of the driver and checks whether driver consumed alcohol and issue a timely warning. Since a large number of road accidents occur due to the driver drowsiness, over speed and also by drunk and drive. Hence this system will be help full in preventing many accidents, and consequently save money and reduce personal suffering. This system makes sure that the driver did not consumed alcohol, then monitor the driver's eyes using eye blink sensor and by developing an algorithm we can detect symptoms of driver fatigue early enough to avoid accident. So this project will be help full in detecting driver's fatigue in advance and gave warning output in form of sound and notification. Moreover the warning will be deactivated manually rather than automatically. So for this purpose a deactivation switch will be used to deactivate warning.