Abstract

This decisive evaluation discusses the review of road mishaps and car casualties in our country. Most of these are caused due to alcohol consumption by the driver's. Also many deaths occur due to lack of prompt medical attention needed to the injured person. This has been a matter of concern globally. This paper presents a compendious review of an integrated technique to detect alcohol consumption using face recognition. The existing techniques are not effective. The proposed system eliminates this bottleneck and make the entire detection system more robust. The above mentioned objective can be achieved with the help of embedded systems. The embedded system will control the speed of the car and take necessary actions.

References

Alcohol Detection using Face Recognition Technique Integrated with Embedded System

3. Wang Dong, Cheng Quan, Li Kai and Fang Baohua, “The automatic control system of anti-drunk driving”, ICECC, 10.1109/ICECC.2011.6067708
5. Youngjae Kim, Youmin Kim, Minsoo Hahn, “Detecting driver fatigue based on driver’s response pattern and the front view environment of automobile”, IEEE2008, 10.1109/ISUC.2008.58
6. Jiangpeng Dai; Jin Teng; Xiaole Bai; Zhaohui Shen; Dong Xuan, “Mobile phone based drunk driving detection”, ICST Pervasive Health 2010
7. Yue-cheng Wu; Yun-qing Xia; Pei Xie; Xiao-wei Ji, “The Design of an Automotive Anti-Drunk Driving System to Guarantee the Uniqueness of Driver”, ICIECS 2009

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