Abstract

As per the statistics, there is a death every six minutes in India due to road accidents. This is
expected to rise to one every three minutes by the year 2020. To avoid this, many innovations are needed in the field of automotive safety. This document proposes a system that assumes automatic control of a four-wheeler in case of a medical emergency – particularly during a cardiac arrest to the driver – and steers the vehicle to safety.

References

- Sawhney, A. K., and Puneet Sawhney, A Course in Mechanical Measurements and Instrumentation and Control, New Delhi: Dhanpat Rai, 2005
- Waller, Julian A. (1966). Traffic Accidents – Chronic Medical Conditions as a Cause. Retrieved October 12, 2012, from http://ukpmc.ac.uk/articles/PMC1516413/reload=0;jsessionid=hXMqx35PgTHuJBGwRsVq.4

Index Terms

Computer Science
Automobile
Keywords
Microphone  Voice Recognition System  Can  Cruise Control  Image Sensor