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REVIEW PAPER ON SMART HELMET USING GSM AND GPS TECHNOLOGY

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ABSTRACT

Now a days most of the countries are enforcing their citizen to wear helmet while riding bike and not to ride bike when the person is under the influence of alcohol, but still rules are being violated. In order to overcome this problem, "Accident Detection, Alcohol Detection, protection using GSM based Smart Helmet". The project aims of the security and safety of the bikers against road accidents. A Smart Helmet is special idea which make motor cycle driving safer than before, this is implemented using GSM and GPS technology. The other advantage of this project is to measure the alcohol level of drunken people who is riding bike. We are developing an embedded kit or embedded system which will be placed in Helmet. consist of some sensors and electronic circuitry which continuously monitoring and measuring the alcohol level and condition of accelerometer. We measure the alcohol level in and show it in the LCD display. Whenever the alcohol level crosses the predefined value, the alarm starts and we get notification about the drunken person. An accident is an unexpected and unintended event.

KEYWORDS: *GPS, GSM, Alcohol Sensor, Tilt Sensor.*

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