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DAVANGERE-577006, KARNATAKA

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
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PROJECT REPORT
ON
"MICROCONTROLLER BASED ALCOHOL BREATH ANALYSER WITH AUTOMATIC IGNITION LOCK SYSTEM"

(Sponsored by Karnataka State Council for Science & Technology)

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ABSTRACT:

In the present days most of the accidents occur because of the drivers who consume abnormal level of alcohol. To control this police department checks the alcohol level of the drivers at the check points. But this method is not possible in the city range and thus does not provide full safety. So an improved electronic technique namely MICROCONTROLLER BASED ALCOHOL BREATH ANALYSER WITH AUTOMATIC IGNITION LOCK SYSTEM. In this method an alcohol sensor which is placed in front of the driver detects the level of alcohol consumed by the driver and acts accordingly. The alcohol sensor placed in the vehicle in front of the driver will check the breath of driver and if he has consumed alcohol it will block the fuel flow and hence avoiding the driver from consuming alcohol while driving.

This system will be installed by the manufacturer as per the government norms and the system will be locked or sealed so that the driver cannot disable or uninstall the system from the automobile.