

Advanced Driver Assistance

The project “ADVANCED DRIVER ASSISTANCE”, is aimed at reducing road accidents. The major part of the accidents are caused because drivers do not notice the sign boards along the roadside, especially during bad weather and night hours. The sign boards also goes unnoticed while a vehicle overtakes another. The Advanced Driver Assistance System brings the road side information from a distance of 80-100 meter is detected and is announced inside the vehicle for the attention of the driver.

The system has other features like an over speed indicator i.e. in an accident prone area or in the road near a school the speed is limited to a particular level (25-40Kmp). If the vehicle moves above that speed, an indication is given to the driver to reduce the speed. The indication is stopped when the speed is reduced or when the vehicle moves out of that area. Automatic light dimmer and automatic horn blower are also included for safe driving at curved roads. At curves the horn is blowed automatically and the head light is dimmed during night hours. Another safety measure is the seat belt checker with an alarm attached to the system. There are also vital road signals which need some special emphasis, like, the “DEAD END”. For such signals this equipment gives an additional audio alert to the driver.





For further information please contact:

ADVANCED DRIVER ASSISTANCE

Mentor: Prof. LIJU V OOMMEN

Students : MUHAMMED SHEFEEK P.S.
SHINU CHANDRAN
SUBIN BABU N.

THOMAS LAWRENCE THEVARY

Email: timeis@ficci.com