# Design of Intelligent Driver Assistance System

Design of Intelligent Driver Assistance System is integration of Augmented Reality concept which can be implemented to assist Automobile Driver.

It lends a hand for safe and sound driving. Important data from cell phone like calls, messages, agenda etc. is displayed on Windshield of Car to prevent hive off of Drivers mind while driving. It also facilitates Driver to keep himself updated with recent news along with social networking updates. In aid to this fact, it will alleviate access to cell phone while driving; keeping intact Drivers attention and thereby will reduce number of accidents.

Android Smartphone, AVR microcontroller with Bluetooth module and Transparent Display unit are major contributors to this system. Continuously flashing news updates, Date, Time, Weather forecast and Social Networking Updates are made available through Smartphone. Anytime a new message or call is received it will be popped on the Display via Bluetooth. Provision of displaying song playlist can also be made. On request detailed updates about flight and train schedule can be made available. The system is secured through password protection.

Easy access to technology just like pairing a Bluetooth headset makes it User Friendly.

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**Transparent EL Displays**

It is see-through display technology that is ideal for applications that require an upscale, fresh new look with wide angle and crisp viewing characteristics. It is perfect for transportation, premier pro-consumer electronics and architectural applications. It is available in a standard module EL160.80.50. It is easy to customize into curved or unusual shapes to help bring innovative, easily manufacturable products to life.