- **NAME – S.G.T.A.Anusarani**
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Today most automotive companies focus on increasing drivers comfort vehicle's reliability and also driver's safety. Most accidents are caused because of the lack of attention of drivers on roads. Sometimes they are taking their eyes off the roads while using the vehicle's infotainment systems because they have to operate their touchscreen ,knobs and dials.

As a solution to this now some automotive companies use gesture control but currently it's only available in their luxury models. Now they are using time -off flight cameras , using optics , senses, and analog front-end in a single ASIC, dramatically reducing the cost of the gesture controlling unit, advancing the adoption of this technology in a wider area of their models.

With gesture control drivers do not need to risk their life by taking their eyes off the road to operate the infotainment system they can adjust volume, AC system answer their calls, play music with a flick of the wrist and more or drivers can ask virtual assistance to to those all tasks for them while their eyes on the road.

***DISCUSSION***

Gesture recognition really improves safety and it also makes a cool experience for the driver. So far , high complexity and cost of TOF based systems limited the usage of this technology and only a few luxury models have it . The AISEC with a cheap cpu helps to broad the adaptation of gesture control technology for a large class of automobiles