**Project title: Smart Helmet**

**(Standard same as previous helmet not required and extend the wire for switch and alcohol sensor )**

**Helmet Unit**

**Power supply**

RF module

Alcohol sensor

Ear lobe (switch or any alternate sensor )

Buzzer

Vechicle section

**Power supply**

Microcontroller

LCD

GPS

GSM  
RF module

Relay

Vibration sensor

motor

Buzzer

Project flow

In this project contains two module one helmet section and vechicle section

In helmet section contains ear lobe (switch) and alcohol sensor if alcohol is not detected and switch is on then send an rf data to turn on the ignition in the vechicle (motor on) else relay is off that means ignition off ( when alcohol detected display alcohol detected and buzzer on )

In the vechicle section if the above two condition is matched then turn on motor and display helmet weared .if vibration occurred means accident occurred then send the coordinate to predefined no contains the location information(I,e accident occurred lat, lon )

GSM no – 9482606667