**Intelligent air condition system keeping car ready for driver**

Problem statement: The car remains warmed up/ cooled down when the driver enters the car in extreme weather conditions and it takes time for a driver to make the car back to comfortable temperature according to his requirement.

Solution: The car will be having a electronic system powered by car battery which compares the outside temperature and controls the AC when the message is sent by the user via phone app or the micro-controller looks for the Bluetooth signal and starts control over AC (maybe also we can include GPS activity from phone).

Bluetooth reciever

The mobile app switches on the bluetooth

The micro-controlller looks for the Bluetooth name and activates accordingly

**Another solution**

Controlling the AC accordingly, knob of AC interfaced by encoders (rotary)

Micro-controller

GSM

GSM module receives data and gives the command for the micro-processor to start the AC, and control the temperature accordingly to outside

User using Mobile App sends the message over SMS/internet

Outside temperature reading

Micro-controller

Step down voltage and limiting current

CAR

Battery