**SEAT HEATING MONITORING SYSTEM**

**INTRODUCTION:**

The vehicle seat monitoring system is capable of maintaining the heat in the vehicle seats. When the temperature is low the electronic designer should make sure that his equipment should work efficiently in that weather. In this project the button sensor will sense is the driver or passenger seated or not and if the driver or passenger is seated then need to set the temperature accordingly by changing it .Based on that the controller will set the heater to required temperature. The heater will generate the heat and a LCD display will show requested the temperature.

**FEATURES:**

* It is used for determining weather the user is present or not in the vehicle.
* If the passenger or driver present in the vehicle then it will give the indication.
* After giving the indication it will determine the heat .
* Driver and passenger can have the access to modifying the temperature in the vehicle.
* The passenger can modify temperature by watching the display as the display is given in the system.
* Low cost and robust system.

**BENEFITS:**

* Seat Heaters have the power to deliver Healthy Results by using 1K Carbon Fiber Yarn which maximizes the Infrared Heat delivered to your body. This type of heat is different than the heat from your car’s heating / cooling system. With your car, the engine has to warm-up before hot air can be blown through the vents.
* In contrast, our automotive seat heaters radiate heat directly into your body. Your body absorbs this heat allowing it to penetrate past your skin and into tissue and muscles. As heat permeates different parts of your body, you start to relax, experience improved blood circulation, lower blood pressure. Infrared Heat can help make your drive a lot more pleasant and improve your health