**CHAPTER 6**

**CONCLUSIONS**

**6.1 Conclusions**

Automatic gate control system offers an effective way to reduce the occurrence of railway accidents. This system can contribute a lot of benefit either to the road users or to the railway management. Since the design is completely automated it can be used in remote villages where no station master or line man is present. Railway sensors are placed at two sides of gate. It is used to sense the arrival and departure of the train. This system uses the servo motor to open and close the gates automatically when it is rotated clockwise or anticlockwise direction. The LCD display shows the status of the railway gate control system. The system can also generate buzzer and light indicators while the train passing through the level crossing. Considering the possibility that the buzzer and light indicators might fail to generate any signal due to technical malfunction, we added a second layer of indicators which will send signal to the train driver. This will strengthen the signal system adding a secondary layer of security.

To avoid the human intervention at level crossings completely, we need to automate the process of railway gate control.

**6.2 Limitations of the Work**

Mention few limitations or challenges faced in your work.

**6.3 Future Scopes of the Work**

Mention few future scopes that can be done on this work.