Abstract

In India, railways have a dense network and the trains run at high speed. Hence, there is a very high possibility of accidents due to collisions, derailment and accidents due to weather
Intelligent Railway Crossing Gate Control with High Speed Anti-Collision Alerting System

conditions. Thus the paper aims at reducing the number of accidents. It considers the vulnerable areas of accident. It includes features like anti-collision and automatic gate control, accident detection and power saving in tunnel. These features are mainly modeled using Microcontroller AT89s52. Different types of sensors included in the model play a vital role.

References


Index Terms

Computer Science

Embedded Systems
Keywords