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Control

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Engineering

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suitably simple!

*Automatic Railway
Gate Control Using
8051 Automatic
Railway Gate
Control System
Using Arduino and
Android Automatic*

Page 5/40

Online Library

Automatic

~~Railway Gate~~

~~Control System |~~

~~GSM Based Railway~~

~~Track Fault~~

~~Detection~~

Automatic railway
gate control.

Automatic Railway
Gate Control

Without micro-
controller

Automatic Railway
Gate Control

(PART-1) || in Hindi

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Automatic Railway

Gate Control Using

8051 \u0026 IR

Sensor **How to**

make a

automatic

railway crossing

system ||

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Emglitz

technologies *MIP*

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PROJECT
(AUTOMATIC
RAILWAY GATE
CONTROLLER) How
to Make Your
Automatic Railway
Gate Control
System | DIY
projects **Project**
Idea - 3 Types of
automatic
railway gate
control system
using Bluetooth

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**IR and
ultrasonic.**

Operating Crossing
Gates Controlled

by Logic Rail Pro

Controller. Infrared

Sensors ~~TOP 10~~

~~Arduino Projects Of~~

~~All Time | 2018~~

Vital Positive Train

Control How to

install URB railway

control system

Model Rail How

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Automatic

**To... Install
automatic train
control** Yuva

*Mastermind 2013 -
Project 7 -*

*AUTOMATIC
RAILWAY GATE
CONTROL USING
PRESSURE SENSOR*

Final Year Project

"Automatic

Railway Gate

Crossing System"

The DIY super slim

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Automatic

lifting gate
mechanism for
railway crossing

Level Crossing
gates powered by
Arduino and
stepper motors

~~Your own railway~~
~~control system~~
~~Automatic Railway~~
~~Gate Control~~

Automatic railway
crossing using
Arduino Automatic

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~~Railway Gate Control System With Arduino~~
~~Automatic Railway Gate Control mini project~~
Automatic railway gate control without using microcontroller
Automatic Railway Gate Control (PART-2) || in Hindi

AUTOMATIC

Page 12/40

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Automatic

RAILWAY GATE CONTROLLER USING ARDUINO BOARD *Automatic*

*Railway Gate
Control Using
Arduino \u0026amp; IR
Sensor Automatic
Railway Gate
Control Electrical
Working of
Automatic Railway
Gate Controller. In
this circuit we have*

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used ultrasonic sensors and servo motors to replicate the working of a railway crossing. Both the sensors are triggered with the help of trigger pins attached to Arduino board and distance is calculated. Further working of the circuit completely

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depends upon the distance measured.

~~Automatic Railway Gate Control System – Electrical Technology~~

An Automatic Railway Gate Control is implemented with very simple hardware and easy control. Human

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intervention at level crossings can be removed with the help of this project and many railway level crossing accidents can be prevented. Limitations. The system can be implemented more efficiently by incorporating more efficient sensor

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Automatic

network. Railway Gate

Control

~~Automatic Railway~~

~~Gate Control~~

~~System with High~~

~~Speed~~

Automatic railway

gate using

microcontroller.

This project is an

attempt to build a

model of automatic

railway gate using

simple components

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Railway Gate

such as microcontrollers, reflective type IR sensor, motor driver IC and a motor. It is based on the working of IR sensors (how do IR sensors work?). As in reflective type IR sensors no IR rays are detected by the receiver when

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there is no
object(obstruction).

~~Automatic Railway~~

~~Gate Control~~

~~System~~

Engineering

automatic-railway-
gate-control-electri-
cal-engineering-
project 2/5

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atacenterdynamics
.com.br on October

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26, 2020 by guest
Office 1900
Electrical Review-
1917

Environmental
Control & Safety
Management- 1915
Electrical Review
and Western
Electrician with
which is
Consolidated
Electrocraft- 1917
Railway Signaling

Online Library

Automatic Railway Gate Communications ...

~~Automatic Railway
Gate Control
Electrical
Engineering ...~~

By employing the automatic railway gate control at the level crossing the arrival of train is detected by the sensor placed on

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either side of the gate at about 5km from the level crossing. Once the arrival is sensed, the sensed signal is sent to the microcontroller and it checks for possible presence of vehicle between the gates, again using sensors.

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Automatic Railway

Gate Control

System | Open

Access Journals

Automatic Railway

Gate Control

System with High

Speed Alerting

System is an

innovative circuit

which

automatically

controls the

operation of

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Railway gates
detecting the
arrival and
departure of trains
at the gate. It has
detectors at the far
away distance on
the railway track
which allows us to
know the arrival
and departure of
the train.

Electrical

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~~Engineering World:
Automatic Railway
Gate ...~~

provide safety to the road users by reducing the accidents. In the automatic railway gate control system, at the level crossing the arrival of the train is detected by the sensor placed near

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to the gate. Hence, the time for which it is closed is less compared to the manually operated gates and also reduces the human labour. II.

~~Automatic Railway Gate Control System~~

The Automatic
Railway Gate

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Control System
using IR Sensor &
Arduino focuses on
systematic traffic
control of railway
gates that are both
manned and
unmanned. This
project will not only
make the system
more reliable &
precise, but also
save the
authorities from

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hiring man power
to do the job. You
may take it as a
onetime

investment.

Project

~~Automatic Railway
Gate Control Using
Arduino & IR
Sensor ...~~

Railway gate is
automatically
operated by means
of a motor obtains

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the voltage from
the regulated
power supply
.forward and
reverse operation
of the motor is
achieved by
changing the
polarity of
armature terminals
and hence the
closing and
opening operations
of

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Automatic

Railway Gate

~~AUTOMATIC~~

~~RAILWAY GATE~~

~~CONTROL—123sem~~

~~inarsonly.com~~

Automatic railway
gate control using
microcontroller PIC

16F877A.fig 2

divided into 4 main
part.first part is

PIC16877A,second

is photo interrupter

ITR9813 IR sensor,

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third is DC motor &
fourth is solar
panel.this system
operate easily.

Engineering

~~Vol. 5, Issue 2,
Februray 2016~~

~~Automatic Railway
Gate ...~~

This is tje project
for the automation
of railway gate. In
India there are so
many railway

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crossings gate are operated manually. So we can use this automation to remove manual operation and can...

~~Automatic railway gate control.~~
you can fix this by using hot melt glue, screw, rubber strip. 2. fix the

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Automatic

Railway Gate

motor on cardboard as shown in pic by screw or rubber strip. 3. connect a plastic or wooden rod to motor's axis, this is used as gate. 4. fix two IR sensor in both side of gate (motor) and should be at equal distance as shown in my video

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Railway Gate

~~Automatic Railway~~

~~Crossing Using~~

~~Arduino : 5 Steps ...~~

Automatic control

of unmanned rail

gate seminar

report/pdf/ppt

download Abstract

: Aim of this project

is control the

unmanned rail gate

automatically using

embedded

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platform. Today often we see news papers very often about the railway accidents happening at un-attended railway gates.

~~Automatic Railway Gate Control System project~~ is to manage the control system of

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Automatic

railway gate using
the microcontroller.

The proposed
model has been

designed using
8052

microcontroller to
avoid railway
accidents occurring
at unattended
railway gates, if
implemented
detection of train
approaching the

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gate can be sensed
by means of two
sensors placed on
either side of the
gate. This

Project

Automation of
Railway Gate
Control Using
Microcontroller
in Automatic
Railway gate
control system a
simple DC GEARED

Online Library

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MOTOR is used with embedded system the arrival of train is detected by sensor and after this give to micro controller and micro controller is give signal to Motor control system and Gate becomes close

~~Which motor used~~

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Automatic

~~in automatic~~

~~railway gate~~

~~control? - Quora~~

Automatic Railway

Gate Control Using

8051 - Circuit

Diagram, Working

Process, Require

Components, Code

& Step by Step

Connections

Explanation.

Complete proje...

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Automatic
Railway Gate
Control
Copyright code : ea
2547eeada2f7c881
cb0fb41974ef52
Project