

## PROJECT LIST

1. PLC based Home Automation
2. PLC based Robotic Arm
3. Arduino Car automation
4. PLC security system
5. AVR based GSM robo
6. AVR based Factory automation
7. AVR Water dispenser machine
8. AVR water level indicator
9. AVR Power saving with LCD
10. VHDL based Robo
11. VHDL Line Tracer
12. Intercom for three Telephones
13. Laser controlled stepper motor
14. 8051 logical password system
15. SMS controlled devices
16. SMS voting machine
17. VHDL based security system
18. Laser One to manu communication
19. ATM PIR security for camera
20. SMS based Moving message display
21. SMS based LCD display
22. Mobile Jammer
23. Electricity theft Detection
24. RF/GSM/Remote Autocleaner system
25. 8051 digital Voltmeetr
26. RF FSK data Transmission
27. RF bank security system
28. PuT coin draw Power system
29. Railway Track change system
30. Poweline Failure monitoring system
31. Racing system
32. Rain Gauge system
33. Overvolatge detection system
34. RF DC motor control
35. Scrap Collecting Robo
36. Solar Tracker
37. Transformer Overheat detection
38. Digital power line failure
39. Ultrasonic security system
40. SCR based DC motor speed control with measurement
41. RF energy meter
42. RF Car parking
43. RF energy saving
44. Speedometer
45. Tachometer
46. RF museum Guide system
47. GSM voting machine

53. ENERGY THROUGH BUSY ROAD
  54. 3 MOTOR CONTROL ROBOTIC ARM
  55. 3+1 MOTOR BASED ROBOTIC ARM.
  56. AUTO.OBJECT REJECTION AND AUTO PICKING SYSTEM.
  57. AUTO DRIL MECHANISM FOR WORK PIECE.
  58. MULTILEVEL PARKING LILFT.
  59. AUTO PATH FINDER ROBOT WITH TWO SENSOR.
  60. AUTO PATH FINDER + ANTI FALLING MECHANISM
  61. AUTO BRAKING SYSTEM
  62. AUTO BRAKING SYSTEM WITH AUTO PATH CHANGER
  63. GSM CONTROL ROBOTIC ARM
  64. PC CONTROL WIRELESS CAR
  65. PC CONTROL WIRELESS METRO
  66. PC CONTROL UNMANNED VEHICLE PROGRAMMED
  67. SPEED CONTROL OF DC MOTOR
  68. INFRA RED CONTROL MOVING PLATFORM.
  69. AUTO RAILWAY CROSSING MECHANISM
  70. AUTO BRAKING OF TWO TRAIN
  71. GPS SYSTEM IN TRAIN.
  72. MECHANICAL TOLL BRIDGE SYSTEM .
  73. AUTO STOP, AUTO MOVE MATERIAL HANDLING TROLLY SYSTEM IN INDUSTRY
  74. MECHANICAL WIND MILL SYSTEM.
  - a. MULTIFLOOR LIFT SYSTEM.
  - b. 29. AUTO START, AUTO THROUGH MATERIAL HANDLING LIFT SYSTEM
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75. ELECTRICAL BASED PROJECT.
  76. MULTI CHANNEL ELECTRICAL POINT CONTROL THROUGH INFRA RED CONTROL ( 20 FEET RANGE)
  77. SPEED CONTROL OF TWO DIFFERENT LOAD THROUGH INFRA RED CONTROL( 20 FEET RANGE)
  78. SPEED CONTROL OF TWO LOAD + CONTROL OF 4 DIFFERETN OBJECT THORUGH I.R REMOTE ( 20 FEET RANGE)
  79. POWER SAVING CONCEPT THROUGH PC. ( Control 4 different point through PC and provide a control timing of 100ms)
  80. SCHOLL BELL MANAGEMENT SYSTEM( control of 8 different bell on different timing with digital clock option)
  81. COUNT DOWN TIMER ( Set the numeric value on display and start the switch, when 0 circuit is on/off automatically)
  82. ACCESS CONTROL DOOR OPENER( Just enter the password, wrong password protection, change password option)
  83. ELECTRICAL DISTRIBUTION CONTROL SYSTEM. ( control 4 different zone , for time control electrical distribution)
  84. MULTI FLOOR LIFT CONTROL FOR 4 DIFFERENT FLOOR ( STEPPER MOTOR)
  85. HOTEL POWER MANAGEMENT Control the power of different room with the help of the PC.
  86. TEMPERATURE CONTROL FOR SPA.
  87. TEMPERATURE SENSITIVE FAN.
  88. CURRENT CONTROL SYSTEM

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- 88.ÿCURRENT CONTROL SYSTEM
- 89.ÿSOUND POLLUTION CONTROL
- 90.ÿAUTO BRAKING, AUTO -CLEANER, ANTIFALLING ROBOT
- 91.ÿAUTOMATIC PARKING CONTROL LOGIC.
- 92.ÿCOUNT DOWN TIMER LOGIC.
- 93.ÿELECTRONICS VOTING MACHINE
- 94.ÿMOBILE CONTROL ELECTRICAL APPLIANCES WITH PASSWORD SECURITY WITH ACKNOWLEDGEMENT OPTION
- 95.ÿCONTROL COMMUNICATION USING OPTICAL FIBRE WITH MOBILE PHONE
- 96.ÿREMOTE SENSITIVE ROVER.
- 97.ÿTEMPERATURE CONTROLLER .
- 98.ÿTEMPERATURE SENSITIVE FAN.  
MULTI-POINT ELECTRICAL CONTROL BY SMART REMOTE
- 99.ÿDIGITAL DATA TRANSFER BETWEEN TWO MICROCONTROLLER.
- 100.ÿDATA TRANSFER THROUGH ADDRESS CODE.
- 101.ÿ( By this technique it is possible to transfer the data in different receiver, just like a CDMA).

- 108.ÿELECTRICAL BASED PROJECT:
- 109.ÿ MOBILE CONTROL ELECTRICAL APPLIANCES.
- 110.ÿMOBILE CONTROL IRRIGATION CONTROL WITH FEEDBACK SYSTEM.
- 111.ÿFREQUENCY METER.
- 112.ÿPREPAID ENERGY METER WITH GSM INTERFACE.
- 113.ÿMULTICHANNEL REMOTE CONTROL SYSTEM.
- 114.ÿREMOTE LIGHT DIMMER
- 115.ÿSPEED CONTROL OF 2 AC MOTOR AND 4 ON/OFFWITH ONE REMOTE
- 116.ÿELECTRICAL BILLING CALCULATOR.
- 117.ÿAUTOMATIC LOAD SHEDDING FORLOAD DISPATCH SYSTEM.
- 118.ÿTEMEPERATURE METER CUM ON/OFF CONTROLLER.
- 119.ÿP.I.D. CONTROLLER
- 120.ÿ.EARTH LEAKAGE CIRCUIT BREAKER.
- 121.ÿAUTOMATIC ROOM LIGHT CONTROLLER FOR POWER SAVING.
- 122.ÿ14. AUTOMATIC ROOM LIGHT CONTROLLER WITH LOAD VARIATION.
- 123.ÿ15.AUTOMATIC TIME MANAGER UPTO 8 CHANNEL.
- 124.ÿ16. WATER LEVEL CONTROLLER USING MICROCONTROLLER.
- 125.ÿ17. MULTIPOINT QUIZ MONITOR SYSTEM.
- 126.ÿ18.MULTILEVEL AUTOMATIC ELEVATOR CONTROLLER.
- 127.ÿ19.MULTIFUNCTIONAL DIGITAL WATCH WITH SCHOOL BELL SYSTEM.
- 128.ÿ20. PRESETABLE COUNT DOWN TIMER.
- 129.ÿ21.TEMPERATURE BASED AUTOMATIC SPEED CONTROLLER.
- 130.ÿ22.STEPPER MOTOR CONTROLLER.
- 131.ÿ23. PC BASED STEPPER MOTOR CONTROLLER.
- 132.ÿ24. SPEED CONTROL OF DC MOTOR FROM PC USING PWM TECHNIQUE.
- 133.ÿ25.ELECTRICAL DISTRIBUTION CONTROL WITH CONTROL TIMING.
- 134.ÿ26. ELECTRICAL WINDING MACHINE CONTROL USING PC.
- 135.ÿ27. 4 STEPPER MOTOR CONTROL WITH MICROCONTROLLER.
- 136.ÿ28. 4 STEPPER MOTOR CONTROL WITH PC WITH LOT OF FEATURE.
- 137.ÿ29. REMOTE CONTROL STEPPER MOTOR SYSTEM.

138.ÿAUTOMATIC ROOM LIGHT INTENSITY CONTROL.

139.ÿSIMPLE OPTICAL FIBRE COMMUNICATION.

140.ÿSIMPLE OPTICAL FIBRE voice and data COMMUNICATION.

141.ÿACCESS CONTROL WITH 5 DIFFERENT I.D + 5 DIFFERENT PASSWORD CONTROL. Rs,

142.ÿ2.MOVING DISPLAY ON BIG L.E.D DISPLAY WITH KEYBOARD + DATA SAVED IN 24C02 MEMORY.

L.E.D MOVING DISPLAY WITH 32 LINE OF 8 SERIES LED with

143.ÿAUTOMATIC GEAR CONTROL WITH RPM COUNTER.

144.ÿDIGITAL FUEL METER.

5. SPEED CHECKER FOR HIGH WAYS.

145.ÿREAL HEART BEAT MONITOR WITH LCD DISPLAY.

146.ÿULTRA SONIC DISTANCE METER.

147.ÿ8.TRAFFIC LIGHT+ FOUR SIDE L.E.D + DENSITY CONTROL + SPECIAL PROVISION FOR AMBULANCE +

148.ÿ9. ALCOHOL SENSOR WITH AUTO SUPPLY CUT OF AND ALARM INDICATION.

149.ÿSPEED CONTROL OF DC MOTOR THOROUGH MANUAL AND INFRA RED REMOTE USING DAC TECHNOLOGY

150.ÿ11. AUTO DISTRIBUTION CONTROL WITH TIME BASED CUT OFF LOGIC.Rs .

151.ÿAUTO DISTRIBUTION CONTROL WITH CURRENT FEEDBACK CONTROL.

152.ÿSMS ON LANDLINE.

153.ÿVOTING ON TELEPHONE LINE. .

154.ÿENERGY THROUGH BUSY ROAD + AUTOMATIC STREET LIGHT+ AUTO LIGHTS ON RAD ENTRY AND AL

155.ÿGSM ROBOT WITH AUTO PATH FINDER + ANTI FALLING CONCEPT.

156.ÿSMART PARKING CONTROL .

157.ÿSMART PARKING WITH MULTILEVEL LIFT

158.ÿSMART CARD CONTROL +LCD+ 89S51 CONTROLLER+ ATTENDENCE RECORDER+ ROOM LIGHT CONTROL

159.ÿERP SYSTEM.

ELECTRONICS ROAD PRICING AND RED LIGHT JUMP LOGIC.

Rs

Ultrasonic Radar

160.ÿ Ultrasonic auto stop train in tis project when two trains coming in front of each other then it will stop each other.

161.ÿRF controlled ROBOT -

162.ÿwireless Road accident security system

163.ÿSecurity system from terrorist

164.ÿWireless runway security system for four Aero planes on LCD, RF technology. Buzzer , LED indication.

165.ÿPeltier based temperature control

166.ÿRF LOCK system

167.ÿUltrasonic LOCK

168.ÿBiofeedback system for data logging

169.ÿGSM and DTMF based tele medication for different alignment

170.ÿGreen bee based environment control

171.ÿMachine control using DTMF

172.ÿWireless walking robot

173.ÿPunch card based enter access control

### 50. CAREFULLY WALKING ROBOT -

In this project we show that how we design the robot for auto path finder . In this project we use two infra red sensor on

### 51. DEEP DETECTED ROBOT-

This is a new concept of future vehicle. Imagine that if any robot move on the surface if suddenly there is a big hole in

### 3. INTELLIGENT WALKING ROBOT.-

Line follower robot follow the black line on the white surface with the help of two different sensor. Both the sensor sens

### 52. BORDER DETECTED ROBOT:-

For demonstrating this robot we mark the white board with black line , our robot cannot cross this outer surface .When

### 53. AUTO SWEEPING ROBO CAR.-

Assume that robot move on the way , suddenly any object is in the front of the robot . Now robot stop automatically and

### 54. MATERIAL LOADING OR RELEASING ROBOTIC ARM.-

One for the base movement

One for up and down arm movement

One for grip and un-grip the object.

Control option

Wired 6 different switches

### 55. PC CONTROL ROBOTIC ARM-

Control all the six movement of robotic arm with the help of computer . Now we control the robotic arm with the help

### 52. WIRELESS ROBOTIC ARM.-

Control all the movement of the robotic arm with the help of multi channel remote control. One preprogrammed micro

### 8. UNMANNED VEHICLE . -

Once battery is on move on the track like metro, stop on different points, auto reverse on end of path and move on the

### 9. ACCIDENT SAFE TRAIN -

If the two train on one track then trains stop automatically with infra red sensor's and receiver circuit.

### 10. RAILWAY CROSSING SYSTEM. -

Auto railway crossing system , automatic open and close the railway phatak with the help of different sensor's,

### 11. RAILWAY MONITOR SYSTEM.-

By using this system we monitor the position of train on the track by using different sensor's, using microcontroller an

### 12. AUTOMATIC METRO TRAIN.-

( with track)

13. Train is automatic on and automatic stop on each and every station automatically. Train takes a reverse action au

### 14. METRO TRAIN WITH LCD.-

( with track)

IN this project train will move forward and back with IR sensors. Stop on every station and will indicate on LCD.

In this model we show that how we control the movement of train with the help of computer. C++ interface, Parallel port  
16. UP-DOWN LIFT.

with LCD

In this project we show that how we control the movement of any platform with the help of different sensor using slow  
17. AUTOMATIC SPACE DETECTED PARKING LIFT.-

In this project we sense the position of the lift with the help of the different sensor and at the same time we check the position  
18. AUTOMATIC SPACE DETECTED PARKING.-

When one car is enter in the parking system then increment counter increment the counting, car park in the system and  
19. AUTOMATIC SPACE DETECTED AND PAID PARKING.-

When one car is enter in the parking system then increment counter increment the counting, car park in the system and  
20. AUTOMATIC SPACE DETECTED AND PAID PARKING + smart card.-

When one car is enter in the parking system then increment counter increment the counting, car park in the system and  
21. SPACE DETECTED PARKING WITH RF -

When one car is enter in the parking system then increment counter increment the counting, car park in the system and  
"Ultrasonic pest repeller- in this project we will make project with out microcontroller. We will use digital IC's based circuit

"Automatic ambulance system- In this project we will make a traffic light system which will work normally. When any

"UPS- In this automatic system our system will automatically switch battery output and phase out. Projects circuit will

"Room fault detection in hotel/electricity fault detection

-In this project we will check the failure of electricity in hotel which will wirelessly indicate alert in control room.

"Universal Battery charger- in this project we will make universal battery charger for mobile and batteries . its electrical

"RF voice Transmission- In this project we will use RF module with voice amplifier to transmit voice signal. Project can