PROJECT LIST

1.ÿPLC based Home Automation
2.ÿPLC based Robotic Arm
3.ÿArduino Car automation
4.ÿPLC security system
5.ÿAVR based GSM robo
6.ÿAVR based Factory automation
7.ÿAVR Water dispenser machine
8.ÿ AVR water level indicator
9.ÿAVR Power saving with LCD
10.ÿVHDL based Robo
11.ÿ VHDL Line Tracer
12.ÿ Intercom for three Telephones
13.ÿ Laser controlled stepper motor
14.ÿ 8051 logical password system
15.ÿ SMS controlled devices
16.ÿ SMS voting machine
17.ÿVHDL based security system
18.ÿ Laser One to manu communication
19.ÿ ATM PIR security for camera
20.ÿ SMS based Moving message display
21.ÿSMS based LCD display
22.ÿMobile Jammer
23.ÿElectricity theft Detection
24.ÿ RF/GSM/Remote Autocleaner system
25.ÿ 8051 digital Voltmeetr
26.ÿRF FSK data Transmission
27.ÿRF bank security system
28.ÿPuT coin draw Power system
29.ÿRailway Track change system
30.ÿPoweline Failure monitoring system
31.ÿRacing system
32.ÿRain Gauge system
33.ÿOvervolatge detection system
34.ÿRF DC motor control
35.ÿScrap Collecting Robo
36.ÿSolar Tracker
37.ÿ Transformer Overheat detection
38.ÿDigital power line failure
39.ÿUltrasonic security system
40.ÿSCR based DC motor speed control with measurement
41.ÿRF energy meter
42.ÿRF Car parking
43.ÿRF energy saving
44.ÿSpeedometer
45.ÿTachometer
46.ÿRF museum Guide system

47.ÿGSM voting machine

53.ÿENERGY THROUGH BUSY ROAD
54.ÿ3 MOTOR CONTROL ROBOTIC ARM
55.ÿ3+1 MOTOR BASED ROBOTIC ARM.
56.ÿAUTO.OBJECT REJECTION AND AUTO PICKING SYSTEM.
57.ÿAUTO DRIL MECHANISM FOR WORK PIECE.
58.ÿMULTILEVEL PARKING LILFT.
59.ÿAUTO PATH FINDER ROBOT WITH TWO SENSOR.
60.ÿAUTO PATH FINDER + ANTI FALLING MECHANISM
61.ÿAUTO BRAKING SYSTEM
62.ÿAUTO BRAKING SYSTEM WITH AUTO PATH CHANGER
63.ÿGSM CONTROL ROBOTIC ARM
64.ÿPC CONTROL WIRELESS CAR
65.ÿPC CONTROL WIRELESS METRO
66.ÿPC CONTROL UNMANNED VEHICLE PROGRAMMED
67.ÿSPEED CONTROL OF DC MOTOR
68.ÿINFRA RED CONTROL MOVING PLATFORM.
69.ÿAUTO RAILWAY CROSSING MECHANISM
70.ÿAUTO BRAKING OF TWO TRAIN
71.ÿGPS SYSTEM IN TRAIN.
72.ÿMECHANICAL TOLL BRIDGE SYSTEM .
73.ÿAUTO STOP, AUTO MOVE MATERIAL HANDLING TROLLY SYSTEM IN INDUSTRY
74.ÿMECHANICAL WIND MILL SYSTEM.
a.ÿMULTIFLOOR LIFT SYSTEM.
b.ÿ29. AUTO START, AUTO THROUGH MATERIAL HANDLING ÿ LIFT SYSTEM

75.ÿELECTRICAL BASED PROJECT.

76.ÿMULTI CHANNEL ELECTRICAL POINT CONTROL THROUGH INFRA RED CONTROL (20 FEET RANGE)

77.ÿSPEED CONTROL OF TWO DIFFERENT LOAD THROUGH INFRA RED CONTROL(20 FEET RANGE)

78.ÿSPEED CONTROL OF TWO LOAD + CONTROL OF 4 DIFFERETN OBJECT THORUGH I.R REMOTE (20 FE

79.ÿPOWER SAVING CONCEPT THROUGH PC. (Control 4 different point through PC and provide a control timing o

80.ÿSCHOLL BELL MANAGEMENT SYSTEM(control of 8 different bell on different timing with digital clock option)

81.ÿCOUNT DOWN TIMER (Set the numeric value on display and start the switch, when 0 circuit is on/off automatica

82.ÿACCESS CONTROL DOOR OPENER(Just enter the password, wrong password protection, change password op

83.ÿELECTRICAL DISTRIBUTION CONTROL SYSTEM. (control 4 different zone , for time control electrical distribua

84.ÿMULTI FLOOR LIFT CONTROL FOR 4 DIFFERENT FLOOR (STEPPER MOTOR)

85.ÿHOTEL POWER MANAGEMENT Control the power of different room with the help of the PC.

86.ÿTEMPERATURE CONTROL FOR SPA.
87.ÿTEMPERATURE SENSTIVE FAN.

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86.ÿTEMPERATURE CONTROL FOR SPA.
87.ÿTEMPERATURE SENSTIVE FAN.
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 APPLAINCES
WITH PASSWORD SECURITY
WItH ACKNOWLEDGEMENT OPTION

95.ÿCONTROL COMMUNICATION USING OPTICAL FIBRE WITH MOBILE PHONE

96.ÿREMOTE SENSTIVE ROVER.

97.ÿTEMPERATURE CONTROLEER .

98.ÿTEMPERATURE SENSTIVE 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 DISTRIBUATION 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 INTENSISTY CONTROL.

139.ÿSIMPLE OPTICAL FIBRE COMMUNICATION.

140.ÿ. SIMPLE OPTICAL FIBRE voice and data COMMUNICATION.
141.ÿACCES 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.
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149.ÿSPEED CONTROL OF DC MOTOR THORUGH MANUAL AND INFRA RED REMOTE USING DAC TECHNOLO

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 AU
155.ÿGSM ROBOT WITH AUTO PATH FINDER + ANTI FALLING CONVEPT.
156.ÿSMART PARKING CONTROL .
157.ÿSMART PARKING WITH MULTILEVEL LIFT
158.ÿSMART CARD CONTROL +LCD+ 89S51 CONTROLLER+ ATTENDENCE RECORDER+ ROOM LIGHT CONT
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 sustem
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.ÿCAREFULLY 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 or

51.ÿDEEP 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. INTELLEGENT 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.ÿBOARDER DETECTED ROBOT:-

For demonstrating this robot we mark the white board with black line , our robot cannot cross this outer surface .When
53.ÿAUTO SWEEPING ROBO CAR.-

Assume that robot move on the way , suddenly any object is in the front of the robot . Now robot stop automatically an
54.ÿMATERIAL 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.ÿPC 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.ÿRAILWAY MONITOR SYSTEM.-

By using this system we monitor the position of train on the track by using different sensor's, using microcontroller an
12.ÿAUTOMATIC METRO TRAIN.-
(with track)
13.ÿTrain is automatic on and automatic stop on each and every station automatically. Train takes a reverse action au
14.ÿMETRO 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 por
16.ÿUP-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.ÿ 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 p
18.ÿAUTOMATIC SPACE DETECTED PARKING.-

When one car is enter in the parking system then increment counter increment the counting, car park in the system ar

19.ÿAUTOMATIC 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 ar

20.ÿAUTOMATIC 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 ar
21.ÿSPACE DETECTED PARKING WITH RF -

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

"ÿAutomatic ambulance system- In this project we will make a traffic light system which will work normally. When any
"ÿUPS- In this automatic system our system will automatically switch battery output and phase out. Projects circuit will

"ÿRoom fault detection in hotel/electricity fault detection

-ÿIn this project we will check the failure of electricity in hotel which will wirelessly indicate alert in control room.
"ÿUniversal Battery charger- in this project we will make universal battery charger for mobile and batteries . its electrica
"ÿRF voice Transmission- In this project we will use RF module with voice amplifier to transmit voice signal. Project ca