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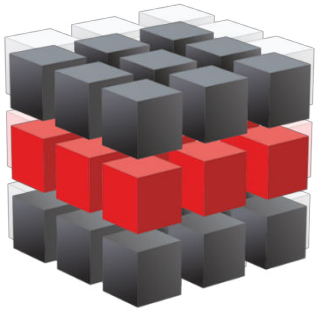

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CHENNAI – PONDICHERRY

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EEE/ECE/EIE/ICE/ROBOTICS/BIOMEDICAL 2020-2021

Recent Titles

1. IOT BASED ENERGY MONITORING AND CONTROL.
2.PROGRAMMABLE SWITCHING CONTROL FOR INDUSTRIAL AUTOMATION IN REPETITIVE NATURE OF WORK
3. OPTIMUM ENERGY MANAGEMENT SYSTEM
4.POWER SAVER FOR INDUSTRIES & COMMERCIAL ESTABLISHMENTS.
5. SOLAR ENERGY MEASUREMENT SYSTEM CONVEYED OVER RF USING A PIC MICROCONTROLLER
6. HIGH VOLTAGE DC UP TO 2KV FROM AC BY USING DIODE AND CAPACITORS IN VOLTAGE MULTIPLIER CIRCUIT
7. TRIAC BASED SOUND SCANNER FOR AUDIO-CONTROLLED LOADS
8. EMBEDDED BASED RIGGING FREE ELECTRONIC VOTING SYSTEM WITH INSTANT RESULT.
9. VOICE OPERATED INTELLIGENT ELEVATOR
10. AUTO TURNOFF AGRICULTURAL MOTOR WITH FOUR DIFFERENT SOLTS.
11. REAL TIME CAR BATTERY AND LOW VOLTAGE ALERT SYSTEM
12.MICROHYDEL POWER GENERATION SYSTEM FOR BUILDING ROOF RAIN WATER FLOW TO POWER AC/DC LOADS WITH BATTERY REVERSE CHARGE PROTECTION
13.AUTOMATIC TRANSFORMER DISTRIBUTION AND LOAD SHARING SYSTEM.
14. TRANSFORMER LESS SOLID STATE POWER SUPPLY DESIGN
15. H-BRIDGE IMPLEMENTATION FOR DC MOTOR DIRECTION CONTROL
16.INVERTER WITH BATTERY LOW AND OVER LOAD INDICATOR
17. MINIATURE THERMAL POWER PLANT USING TEP TRANSDUCER FOR DOMESTIC AND INDUSTRIAL APPLICATIONS.
18. PC BASED ELECTRICAL LOAD CONTROL
19.INTEGRATED ENERGY MANAGEMENT SYSTEM BASED ON GSM WITH USER PROGRAMMABLE NUMBER FEATURESAND ACKNOWLEDGEMENT FEATURES

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20. IOT BASED SOLAR FENCING SYSTEM.
21. IOT BASED SOLAR PARAMETER ANALYSIS, MONITORING AND CONTROL.
22. VEHICLE SMOKE DETECTING AND SPEED SENSING SYSTEM
23. GSM BASED UPS BATTERY MANAGEMENT FORINDUSTRIES
24. LDR AND RTC BASED ANEFFICIENT POWER SAVER FOR STREET LIGHTS
25. SPEED CONTROL SYSTEM OFELECTRIC MOTOR IN CLOCKWISE AND ANTI-CLOCKWISE DIRECTIONS
26. SOIL MOISTURE SENSOR ANDGSM BASED INTELLIGENT WATER SYSTEM
27. WIRELESS SENSOR BASED AUTO CONTROL OFWATER LEVEL CHECKING.
28. GSM TECHNOLOGY BASED POWER GRID DEVICES CONTROLLING ANDMONITORING SYSTEM
29. ZIGBEE AND GSM BASED REAL TIME HOME ANDINDUSTRIAL AUTOMATION SYSTEM
30. ZIGBEE AND GSM SMS BASED ON ONLINE MONITORING AND FITTINGS SYSTEM OF TEMPERATURE OF CONDUCTOR.
31. WI-FI BASED WATER MONITOR &MOTOR PUMP CONTROLLER.
32. LOW COST INTELLIGENT WHEELCHAIR EMBEDDED PROJECT.
33. GPS &RFID BASED INTELLIGENT GUIDED VEHICLE.
34. HEALTHCARE MONITORING SYSTEMS
35. LASER GUIDED DOOR OPENER PROJECT REPORT.
36. AUTOMATIC ROOM LAMP.
37. ZIGBEE-WIRELESS BUILDING AUTOMATION ANDCONTROL ABSTRACT.
38. RFID-BASED AUTONOMOUS MOBILE CAR.
39. RFID BASED LIBRARY MANAGEMENT SYSTEM .
40. ON REMOTE I/O DATA ACQUISITION SYSTEM.
41. FOREST FIRE DETECTION AND PREVENTION
42. RFID BASED REAL AUTOMATION OF IRRIGATION .
43. INTELLIGENT NETWORK INTRUSION DETECTION SYSTEM PROJECT.
44. ULTRASONIC RADAR PROJECT.
45. REMOTE VEHICLE CONTROL THROUGH CELL PHONE USING DTMF.
46. IR BASED TRAFFIC DENSITY DETECTION AND SIGNAL ADJUSTMENT .
47. DISPLAYING MOVING MESSAGE ON NOTICE BOARD USING PC.
48. POWER EFFICIENT MINI INVERTER PROJECT.

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49. SMART PORTABLE CELL PHONE JAMMER PROJECT.

50. CLAP BASED FAN SWITCHING SYSTEM.

51. WIRELESS CELL PHONE DETECTOR SYSTEM.

52. OVERVOLTAGE ANDUNDERVOLTAGE PROTECTION SYSTEM.

53. MOTION BASED AUTOMATION DOOR OPENER.

54. AUTOMATIC SMOKE DETECTOR ALARM .

55. TV REMOTE CONTROLLED ROBOTIC VEHICLE .

56. IR BASED OBSTACLE DETECTION FOR LOAD SWITCHING .

57. RAIN SENSING AUTOMATIC CAR WIPER.

58. AUTO WATER PUMP SWITCHER.

59. FIRE DETECTOR AND CONTROLLING .

60. WIRELESS DOORBELL CALLING SYSTEM.

61. STREET LIGHT AUTOMATION INTENSITY CONTROLLER.

62. SOLAR PANEL WITH SUN POSITION TRACKING .

63.LOAD CONTROL SYSTEM USING DTMF.

64.HOME AND INDUSTRIAL SAFETY USING FIRE AND GAS DETECTION SYSTEM

65. AUTOMATIC STAR DELTA STARTER USING RELAYS AND ADJUSTABLE ELECTRONIC TIMER FOR INDUCTION MOTOR

66. XBEE BASED REMOTE MONITORING OF 3 PARAMETERS ON TRANSFORMER / GENERATOR HEALTH

67. OPERATION AND WORKING OF ELECTROMAGNETIC INDUCTION PRINCIPLE.

68.AUTOMATIC RAIN WATER SENSING WINDSHIELD WIPER

69. SPHERICAL ROBOT.

70. BI-DIRECTION VISITOR LOADCONTROLLER.

71. WIRELESS MOTOR CONTROL SYSTEM.

72. INTELLIGENT GSM CARE FOR BUS FINDING SYSTEM

73. HIGH ALERT LAMP.

74. BIOMETRIC ATTENDANCE SYSTEM CIRCUIT.

75. HUMAN DETECTION ROBOT.

76. AIR FLOW DETECTOR CIRCUIT.

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PROJECT TITLES

1. IR sensor based walking stick for the blind people
   35 Microcontroller Based Prepaid card for petrol bunk
2. Industrial fire warning system
3. Microcontroller based carbon monoxide level warning system
4. Microcontroller based battery voltage level indicator
5. Intelligent Security system for apartments or bank
6. Human body temperature monitoring system
7. Microcontroller based Human pulse rate monitoring system
8. Low Voltage and high voltage protector
9. Automatic medicine taken time indicator
10. Automatic Traffic and Street Light Controlling System
11. Closed Loop Control for a Brushless DC Motor to Run at the Exactly Entered Speed
12. Two wheeler side stand indicator
13. Detecting the leaks in underground water pipe lines
14. Distance Measurement by Ultrasonic Sensor
15. Microcontroller Based Building Security System
16. Microcontroller based overload protection system
17. Automatic Timer for lighting system using microcontroller
18. Microcontroller based Anti-Sleep alarm
19. PWM based single phase AC induction motor speed controller
    67 Automatic Power failure indicator
20. Voice based room light and fan controlling system for physically challenged people
21. Automatic Temperature controlled fan
22. Microcontroller based Automatic Power theft identifier
23. Automatic Over heat controller for Motor (or) Transformer
24. 8-Channel Quiz Buzzer Circuit Using Microcontroller

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25. Automatic Electronic Bus fair system

26. Microcontroller based Human pulse rate monitoring system

27. Clock using RTC Interface with Microcontroller with alarm set function
    16 Stepper motor control using TV remote

28. Automatic theater sheet positioning system

29. Automatic Fuel cut off system for two wheeler
30. Timer based automatic power cut-off / On for collages
31. Password based Circuit Breaker

32. Automatic Head light Dim / Bright Controller

33. LDR based automatic lamp illumination controller

34. Automatic Yarn Breakage indicator (w/o Mech-Model)

35. Anti- Theft alarm for vehicles

36. Digital lock for electronic devices

37. RTC based street light controller

38. Earth Leakage Detector

39. Load supply Monitor and indicator

40. 2-Digit Up Down Counter

41. LPG gas leakage sensing and auto cut off system

42. Microcontroller based LPG indication system

43. Mobile detector in class rooms

44. DC Motor Speed controlling System using IGBT

45. Switch less calling bell

46. RF communication based involuntary for substation system

47. Automatic station alert system in train

48. DC changeover system with battery protection unit

49. Automatic Room Light Controller

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50. Automatic drunken drive avoiding system for automobile
51. Digital timer for cooking Application

52. Digital energy meter with usage charge indicator

53. Automatic power factor controlling system

54. Automatic Room Toilet perfume spray machine
55. Transformer/Motor Voltage and Current monitoring system

56. DTMF Based Home Automation System Circuit

57. Motor direction and speed control using RF

58. Temperature and Respiration Monitoring System

59. Clap switch for light and Fan

60. Timer based electrical oven temperature monitoring and control

61. Electronic code lock with user defined password using Microcontroller 149
    Automated agriculture parameter monitoring system

62. Microcontroller based Traffic signal Indicator

63. Automatic Post box Alarm

64. Luggage security system

65. Beacon Flasher Using Microcontroller

66. Digital Drips Monitor and Alarm

67. Automatic LPG gas stove regulator

68. Automatic chimney control system

69. LDR based power saver for street light control
70. Industry Safety Control System

71. Automatic Gas leakage detection and Warning system

72. Energy Management And Warning System For Resident

73. Eye blink sensing and accident preventer

74. Dish Positioning Control by IR Remote

75. IR sensor based Railway Track Crack Detector

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76. Temperature and respiration monitoring through PC

77. Highway alert signal lamp

78. Electrical energy can be produced by using vibration
79. Automatic Traffic Controller for Ambulance and VIP Vehicles

80. Servo Motor control through Keypad using Microcontroller

81. RFID security access control sy

82. Wireless traffic light controller

83. Automatic load sharer for transformer

84. Power Generation from small wind mill

85. Transformer real time temperature monitoring and thermal Overload Protection
86. Automatic speed controller in schools and colleges

87. Remote distribution transformer monitoring and controlling system using F.M
88. Remote controlled Fan speed con
89. Automatic Irrigation water supply Monitoring and Control System

90. Automatic Water Level Indicator and Controlling System

91. RFID Based Passport Details
92. Real-time Burglar alarm system using PIR Solar Lighting System with Fan
93. Development of automatic person detection system to control electrical fans and lights in hall
94. Wireless Workshop Indicator and Help Caller

95. Voice controlled D.C/A.C Motor

96. Data acquisition system for multiple input sources in industrial environment 108 RFID based vehicle security and locking system

97. Embedded based coin operated mobile charging system

98. PC based home appliances controlling system

99. Water scheduling for municipalities using RTC

100. Density Based Traffic Signal System Using Microcontroller

101. Anti Dazzling head light for two wheeler

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102. BLDC Motor Speed Control with RPM Display
103. Transformer Monitoring and auto short circuit cut off System
104. Garden management system by changing climate
105. Automatic multiple motor fault detection and production system
106. Digital locking system (Password) for Two wheeler
107. Automated Town Water Management System Using PIC
108. RFID based animal tracking system
109. Vehicle Key Reminder for two wheeler
110. Electrical energy generating dance floor
111. Automatic pollution detection and monitoring system using carbon sensors
112. Voice operated home appliances controlling system
113. Vehicle Safety Speed Controlling system by using Eye Blink Sensor
114. Automatic Phase sequence indicator and controlling System
115. RF based Automatic speed breaker indicator
116. Bidirectional Rotation of an Induction Motor with a Remote Control Device
117. Programmable Switching Control for Industrial Automation in Repetitive Nature of Work
118. Vehicle Speed measuring system using IR sensor
119. On the impact of virtual traffic lights on carbon emission mitigation
120. Embedded Based Customized Wireless Message Circular System for College Industries
121. Automatic Parking Light For Cars
122. RF based Automatic meter reading
123. Automatic Reverse Obstacle alarm for vehicle
124. RFID based highway toll collection system
125. Drive fatigue monitoring and warning system
126. Remote control using wireless bell
127. Automatic Over load indicator for Bridge
128. Wireless Petrol Bunk Informer

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129. Smart parking reservation system
130. Wireless Stepper motor control
131. Infrared Interruption counter
132. Driver Fatigue Accident Prevention using Eye Blink Sensor
133. Blind people class room identification system using RFID
134. Door bell Flasher for the Deaf
135. Solar Emergency Lighting System
136. Interactive Voice Response System For College Automation (IVRS)
137. RFID Based Medicine Expiry Date Verification
138. Microcontroller based wireless energy meter
139. Digital Frequency Meter with LCD Display
140. Mobile Operated SCADA for Industries Embedded System Project
141. Programmable Load Shedding Time Management for Utility Department
142. IR sensor based home/industrial Automation
143. Laptop Theft Identifier
144. Home automation using motion sensor
145. Bus Detection device for the blind using RFID application
146. Mobile Phone Sniffer
147. Bus Identification System For Visually Impaired People
148. Earth quake analyzer and reporter
149. RFID Based Device Control and Authentication Using PIC Microcontroller
150. RFID based ignition system for vehicle
151. Bluetooth Controlled Electronic Home Appliances
152. RFID based Attendance System
153. Automatic Hand wash with Soap solution

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154. Wireless Metal Detector Robot

155. RTC based automatic gate opening system

156. Human detection Robot search and Rescue using PIR

157. Four Quadrant DC Motor Speed Control with Microcontroller

158. Line Following Robot Using Microcontroller

159. Remote Controlled Solar Tracking System

160. Automatic Solar Panel Sun Tracking system

161. Simple toll plaza system using low frequency RFID interfaced with Microcontroller

162. Touch Screen Based Home Automation System

163. Button operated Motorized door open/close system

164. Voice operated induction motor speed controlling system

165. Touch Screen based light control system

166. Multi-Device control system using PC

167. Solar Birds Scarer

168. Automatic Water Level Indicator and Controlling System

169. Automatic Break Failure indicator

170. Highway Car Accident Identification and Auto Communication to Patrol or Hospital

171. Automatic signal Indicator For Vehicles in Hairpin Bend

172. Non-Conventional Door based power generation System

173. IR based automatic parking assistance system

174. Timer Based Lubrication system for Lathe

175. Sensor based Escalator Movement

176. Automatic Plant Humidification For Textile Industries

177. Auto Power Supply Control from 4 Different Sources: Solar, Mains, Generator & Inverter to Automatic Dialing to Any Telephone Using I2C Protocol on Detecting Burglary

178. Automated high-way speed warning system

179. Blood pressure monitoring system

180. Automatic Door Opening System with Movement Sense

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181. Development of a model for electronic check post

182. Automatic Solar street light controller

183. GSM Based Monthly Energy Meter Billing via SMS

184. Solar cell phone charger

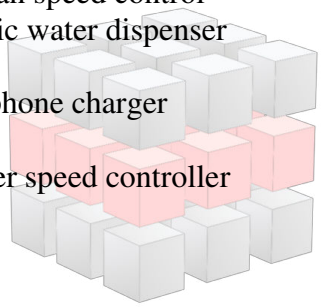
185. Humidity Controller using PIC microcontroller

186. Power Saving Conveyor for Industry
187. Wireless Water Distribution System

188. Temperature based fan speed control
189. Coin based Automatic water dispenser

190. Mini wind mill cell phone charger

191. Automatic Rain wiper speed controller



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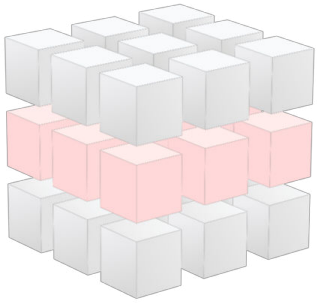

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