EMBEDDED BASED PROJECTS

1. Real time data acquisition system.
2. Traffic priority for ambulance vehicle.
3. Train collision avoiding system.
4. Remote control switching system.
5. Dtmf switching.
6. Rtc based timer for appliance control.
7. Multi channel sampling using adc.
8. Embedded based variable frequency digital pulse generator.
9. Heart beat monitoring.
10. Wireless intellectual voting system.
11. Preprogrammable temperature control.
13. Implementation of i 2c communication
14. Habitual humidity control for refrigerator
15. Programmable on-off timer for industries
16. I2c master-slave protocol implementation
17. Fetal heart beat monitor
18. Cryptographic secured communication for military applications
19. Embedded based volt meter
20. Optical tacho meter
21. Variable pulse generator
22. I2c & spi eeprom programmer
23. Embedded based overload sensing system
24. Dynamic moving message display using pc
25. Involuntary electricity billing via power line communication
26. Digital compass using microcontroller
27. Digital rpm indication using proximity sensor
28. Computerized object counter
29. Computerized railway traffic preventer.
30. Dish antenna positioning system
31. Embedded system based pressure monitor
32. Energy meter with pre-paid card
33. Fan linear controller
34. Lift control system with position indication
35. Mains frequency monitor
36. Motor speed control through pc
37. Motor speed control using ir sensor
38. Multiple temperature monitoring and control
39. Watt hour meter using microcontroller
40. Variable speed dc motor control with digital rpm
41. V, i frequency monitoring through pc
42. Automatic signaling for unmanned railway crossing with wireless technique
43. Embedded system based digital entry lock for automobiles
44. Speed limited alert using high speed embedded controllers
45. Position control for stepper motor using microcontroller
46. Power factor monitoring and control
47. Rtc based agro motor control
48. Earth quake detector
49. Three phase starter
50. Paper counting machine
51. Agriculture based dry and wet control
52. Industrial monitoring system
53. Real time data acquisition system
54. Digital energy meter
55. Eb sim card
56. Microcontroller based mark statement with display
57. Heart beat monitoring
58. Auditorium control
59. Implementation of i2c protocol with rtc
60. Implementation of spi protocol
61. Very low frequency rpm meter
62. Embedded based overload sensing system
63. Motor speed control through pc
64. Three phase monitor
65. Multiple temperature monitoring and control
66. Power factor monitoring and control
67. Digital security system
68. Station name display for train
69. Interfacing lcd with micro controller using spi protocol
70. Infra red remote control for home appliances
71. Real time clock using i2c
72. Day, time and calendar display
73. Automatic energy monitoring system
74. Micro controller based traffic light control
75. Microcontroller based programmable number lock
76. Automatic room power control
77. A bidirectional visitors counter
78. PC based smart home control
79. Time operated device control
80. Fire detection and alert system for industries
81. Password based door locking
82. Automatic load distribution transformer
83. Habitual load enlighten system
84. Eb simcard
85. Three phase scrutinize and administer system
86. Digital energy measuring device
87. Wireless based energy monitoring system
88. Industrial monitoring system
89. RTC ds12887a based agro motor control system
90. Cordless polling booth
91. Embedded based multicounter
92. Embedded based sixth sense control system
93. Bidirectional caller counteract
94. Embedded based wet and dry control system
95. Automated vehicle collision control system
96. Wireless based irrigation system
97. Train collision detection system
98. Embedded based mark announcement system
99. Implementation of I2C protocol with RTC
100. Embedded based overload sensing system
101. PC based smart home control system
102. Real time data acquisition system.
103. Embedded based speed control of zone
104. I2C master-slave protocol implementation
105. Implementation of I2C communication
106. Plant humidification system
107. Air leakage detector.
108. Attendance system for industries using RFID technique
109. PC based employee enquiry and attendance supervise using RFID
110. Speed limited alert using high speed embedded controllers
111. Temperature controlled fan
112. Watt hour meter using microcontroller
113. V, i frequency monitoring through pc
114. Three phase monitor
115. Position control for stepper motor using microcontroller
116. Patient monitoring system
117. Embedded based automatic streetlight on/off controller
118. Embedded based building
119. Automation system
120. Embedded based eb sim card
121. Remote industrial security system
122. Remote home security system
123. System based water level controller.
124. Multi tank level monitoring & controlling
125. Pc based speed, light and level measurement system
126. Multifault detection using high speed embedded controller
127. An i2c network protocol for environmental monitoring
128. Scrolling message display using 16 segment
129. Single phase preventer
130. Humidity monitor
131. Embedded based fire detection and control
132. Bidirectional visitor counter
133. Auto teller ration (atr) shop
134. Automatic electronic toll collection
135. Drunken-over speed indicator
136. Efficient waste management system
137. Automatic railway gate control & track switching
138. Automatic employee tracking system with i2c memory card reader
139. Anti collision system indicator
140. Embedded based passenger information system
141. An automatic collision detection and acceleration
142. Control using multi zone transmission
143. Electronic house - a well equipped modern house
144. intelligent train system-automation collision avoidance, signal / unmanned controlling, moving message display, voice annunciation
145. Design and implementation of railway automation system with sensors network
146. Embedded based automatic room control system
147. Embedded based automatic streetlight on/off controller
148. Embedded based automobile performance analyzer
149. Embedded based automobile tracking system
150. Embedded based bank looker security system with sms mobile alert
151. Embedded based battery monitoring system
152. Embedded based boiler controller
153. Embedded based building automation system
154. Embedded based calibration of proximity sensor
155. Embedded based car security system
156. Embedded based centralized wireless monitoring in textile industries
157. Embedded based computer control vehicle
158. Embedded based current mode communication between controllers
159. Embedded based dcs
160. Embedded based diagnosis of failed distribution transformer
161. Embedded based eb sim card
162. Embedded based electricity theft identification
163. Embedded based intelligence security system
164. Embedded based energy saver using pressure controller
165. Embedded based fire monitoring using microcontroller
166. Embedded based frequency monitor and control
167. Embedded based intelligent e-voting machine
168. Embedded based intelligence traffic light controller
169. Embedded based interfacing thermal sensor in microcontroller
170. Embedded based microcontroller controlled demand power meter
171. Patient monitoring system for an hospital.
172. Intelligent density traffic controller using infrared sensor
173. Industrial automation and security system using rs232 standard.
174. Multi channel temperature measurement system and control.
175. Control and monitoring of production flow and power consumption.
176. Microcontroller based first fault announcing using speech.
177. Lift control system with positioning monitoring.
178. Pressure control system based on piezoelectric transducer.
179. Sequential control system for conveyer system.
180. Multi channel heating system with different set points.
181. Pc based programmable temperature controller for furnaces.
182. Modular ir remote control for industrial automation.
183. Telephone operated temperature control system with remote control.
184. Temperature monitoring and recording device.
185. Air leakage detection based on pressure sensor.
186. Programmable multi channel water level controller.
187. Real time data acquisition system.
188. Ultra sonic distance measurement.
189. Ultra sonic blind stick.
190. Energy saver using pressure control system.
191. Electricity stealing recognition system.
192. Automatic bottle filling system
193. Embedded based automatic bus fare system
194. Embedded based automatic electric billing system
195. Embedded based automatic guided vehicle
196. Embedded based automatic jogging, breaking, plugging for motors
197. Embedded based automatic phase changer
198. Embedded based automatic railway gate control system
199. Gsm based dc motor speed control.
200. Gsm based accident identification system.
201. Wireless intellectual voting system.
202. Implementation of i 2c communication
203. Pwm fan speed controller.
204. Microcontroller based intelligent lift controller
205. Design of mc based access control
206. Frequency display using microcontrollers
207. Microcontroller based pwm dc motor controller
208. Mc based smart traffic controlling
209. Microcontroller based data logger
210. Automatic room light controller with visitor counter
211. Infra red remote switch (4 devices + 1 fan) -pic16f73
212. Microcontroller based digital code lock
213. Multi pattern running lights
214. Pc based data logger
215. Prepaid energy meter
216. Auto control of 1- phase induction motor
217. Automatic college bell
218. Automatic plant irrigation
219. Automatic room light controller with visitor counter
220. Biomedical monitoring system
221. Device controlling through pc (visual basic)
222. Digital visitor counter
223. Electronic voting machine
224. Pass word controlled entrance system
225. Pic based remote display system
226. Wireless automated fire alarm system
227. Microcontroller based flat security and privacy system
228. Ultrasonic motion detector
229. Touch activated switch
230. Stepper motor controller
231. Pic-based motor controller
232. Remote controlled lamp dimmer
233. Ultrasonic based collision avoidance system
234. Ir based wireless data communication
235. Remote control for home appliances
236. Programmable time scheduler for home automation system using ir
237. Temperature controlled fan using triac phase control
238. Ir based wireless stepper motor direction and step control
239. Pc based automatic energy meter reading