AMIT TECHNOLOGIES
technology that you want...

Project Titles:

1. Smarter Street light .
2. Traffic light control.
3. DC motor control.
4. Water coolers pump control.
5. Stepper motor control.
6. Railway track Crack Detection.
7. Security gate with visitors count.
8. Mobile Operated Land Rover.
9. Mobile operated switch.
10. DTMF decoder.
11. Multiple Power Supply.
12. Home Made PLC.
13. Heart Beat Monitoring system.
14. Hydraulic carne.
15. Power Generation through speed breaker.
16. Street light control via IR.
17. Street light power sever system.
18. Safety guard for the blind (proximity base).
19. Transformer protection system.
20. LDR switching of electrical appliances
21. Line tracking robot/mouse.
22. Remote (RF) controlled stepper motor.
23. Automatic braking system.
24. Automatic train gate control.
25. Electrical over loading protection.
26. Traffic light control.
27. Ultrasonic movement detector.
28. LED based loading system.
29. Remote controlled land rover.
30. Multi point security monitoring system.
31. Optical remote switch.
32. Telephone answering machine.
33. Sun seeker.
34. Touch pad.
35. DTMF remote control system.
36. DTMF 8-channel switching.
37. Device switching using voice command.
38. Home security system with alarm.
39. Fastest finger first.
40. Mobile controlled electrical appliances.
41. RF controlled electrical appliance.

42. Emergency light using CFL (automatic cutoff on full charge).
43. Temperature display.
44. Frequency generator.
45. Sound level indicator for stereo system.
46. Heat sensitive switch.
47. Automaticschool bell.
48. Infrared interruption counter.
49. Water level indicator with pump.
50. Mobile bug.
51. Electro levitation.
52. Multichannel touch switch.
53. Heart beat monitor (ox meter).
54. Light controlled digital fan regulator.
55. metal detector
56. Automatic room light ON/OFF through IR
57. Electrical braking system
58. RF regulator
59. Gas sensor
60. Remote switching with RF
61. IR train signal switching
62. Single chain AC switching
63. Smart line distribution system
64. Single chip FM radio
65. LED volt meter
66. Sound level indicator
67. RF based device control
68. Automatic room light ON/OFF through IR
69. Parking spaces detector
70. Smart ?Stick-on? sensor for the Smart Grid
71. Automatic Railway Gate Control
72. Wireless Fluid Level Indicator
73. Multi-Channel Temperature monitoring &Control System
74. Heart Beat Monitoring System
75. AC motor Speed Controlling System using PWM Techniques
76. Microcontroller based Industry Safety Control System
77. AC motor Speed Controlling System using PWM Techniques
78. Microcontroller based Industry Safety Control System
79. Microcontroller based over load cut up
80. AC and DC Motor Speed Control System
81. Microcontroller based Voltage and Current monitoring system
82. Microcontroller based Remote Motor Speed Controlling System
83. Transformer protection panel

84. Motorised Wheel Chair
85. Electronic Power Generator using Transistor
86. Measurement of inrush current in Transformer
87. Inverter (MOSFET based)
88. DC motor Starter using MOSFET
89. Mobile phone (cellular) operated machine control system.
90. Automatic Railway crossing gate Control System (safety).
91. Digital Real-time Clock and timer switch using Microcontroller and LCD.
92. Product counting system for industrial conveyer belts.
93. Intelligent High Power Street light intensity Control System (automatic switch).
94. Digital Frequency Meter with LCD Display.
95. IR Remote Real-time transponder with LCD display.
96. Real-time temperature monitoring and thermal Overload protection (may be used in transformer).
97. Digital Speed measurement with over speed alarming for motors.
98. Infrared Remote based Electrical Device Control with Triac and Optically Isolated Diac.
99. Infrared Remote controlled High Voltage device switching with Electromagnetic Relay.
100. IR based DC Motor speed controller
101. IR based Stepper Motor controller
102. LDR based automatic lamp illumination controller with High Power/Intensity LED   lighting (PWM control).
103. Optically Isolated Fuse blown Indicator
104. High Voltage Fuse blown Indicator
105. Pulse Width Modulation (PWM) Speed Control of a DC Motor.
106. IR LED and LDR based Heartbeat Monitor with display on LCD.
107. IR LED and LDR based Heartbeat Monitor with display on 7 segment
108. Temperature Controlled Fan (DC Motor based with PWM).
109. Real-time Car battery monitoring and low voltage alert system.
110. Automatic room light intensity monitoring with room window &electric lamps.
111. Temperature based ceiling fan speed control system (230V AC Motor).
112. Automatic Irrigation water supply monitoring and control system.
113. Infrared remote based garage door control system.
114. Automatic washing machine motor control system.
115. Inside and outside temperature monitoring system for automotive vehicles.
116. Wireless split AC blower and compressor control system.
117. Industrial and Home Security System based projects using various sensors like smoke, Fire,   Gas, Temperature, PIR, IR, RF etc.
118. Digital RPM indicator on LCD display (Used in latest Bikes and Cars etc.).
119. GSM Speedo-meter with over speed alert system.
120. GSM and microcontroller based location (latitude and longitude) indication via LCD display.
121. Microcontroller based GSM Clock.
122. GSM and Microcontroller based Geographical location Identification System.
123. Digital Thermostat with LCD Temperature Display.

124. Embedded Real time Clock based Industrial Device Control System.
125. GSM Based Train/Bus Station Indication System with LCD display.
126. GPS based Speedo meter (Used in Boats, Ships, Aero planes etc.).
127. Microcontroller based digital over voltage Protection system for industrial loads.
128. Radio Frequency (RF 433 MHz) based Industrial Wireless Device Control System.
129. Microcontroller based advanced automatic city street control system.
130. Industrial Temperature monitoring and Control System.
131. Microcontroller based water level monitoring and control system.
132. Microcontroller based Digital Alpha-numeric message scrolling Display.
133. Automatic intrusion Alarm/Alert System.
134. Digital Energy Meter with LCD display.
135. Radio Frequency based Real time Child monitoring and alarm system.
136. Real-time burglar alarm system using PIR Sensor (Passive Infrared Sensor).
137. Fastest-finger-first using 8051 micro-controller.
138. Microprocessor based reversible D.C. Motor control.
139. Geometric design display with the rotation of LEDs using 8051 microcontroller.
140. 8051 microcontroller based coded device switching system.
141. Stepper motor control using 8051 micro-controller.
142. 8051 micro-controller based countdown timer.
143. Codes lock using 8051 micro-controller.
144. LCD frequency meter using 8051 micro-controller.
145. Caller identification systemdevelopment using 8051 micro-controller.
146. Microprocessor based home security system.
147. Conveyer belt speed control using 8051 micro-controller.
148. Micro controller based temperature meter.
149. Micro controller based heartbeat monitor.
150. RS232 analog to digital converter using 8051 microcontroller
151. Ultrasonic range finder using 8051 microcontroller.
152. Microcontroller based path-finder.
153. Robotic control system..
154. Microcontroller based heavy load current switching for industrial use.
155. Authentication system for vehicle entrance.
156. Multilevel car parking using 8051 microcontroller.
157. Microcontroller based line follower or tracing robot.
158. Bipedal walking humanoid robot.
159. Compound eye.
160. Automatic safety focus control system for vehicle headlights.
161. Remote control with switches on finger-touch
162. Implementation of discontinuous heating for heat saving in "Intelligent home"
163. Intelligent Traffic Light Control System
164. Parking space detector
165. Smart "Stick-on" sensor system for the Smart Grid

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166.   Automatic Railway Gate Control
167.   Wireless Fluid Level Indicator
168.   Multi-Channel Temperature monitoring &Control System
169.   Railway Track Parameter Measurement
170.   Heart Beat Monitoring System
171.   Home Security System using GSM
172.   Water Reservoir monitoring and Pump station control
173.   GSM based Industrial Automation
174.   Automatic Room Light Control &Visitor Counter
175.   Public Garden Automation
176.   Temperature &Light monitoring and controlling
177.   Microcontroller based automatic attendance monitoring and Light ON/OFF system
178.   Microcontroller based Automatic college bell
179.   Microcontroller based Digital Locking system for two wheeler
180.   Microcontroller based Fire Fighting Robot
181.   Microcontroller based Conveyor Automation
182.   Microcontroller based Digital Fuel level Indicator
183.   Microcontroller based Automatic Railways Signaling System
184.   Microcontroller based Automatic Dam Gate Monitoring System.
185.   Microcontroller Controlled Thermometer
186.   Microcontroller based Automatic Vehicle Accident Information System
187.   Microcontroller based Electrical Appliances Controlling system using cell phone.
188.   Microcontroller based Dam water level Indicator and Controlling System.
189.   Microcontroller based automatic temperature controller with cooling system
190.   AC motor Speed Controlling System using PWM Techniques
191.   Microcontroller based Industry Safety Control System
192.   Microcontroller based Power Management System
193.   Microcontroller based Solar Powered Automatic Guided Vehicle
194.   Microcontroller based over load cut up.
195.   Microcontroller based Motor Speed Monitoring System
196.   Microcontroller based Industrial temperature Analysis & Control..
197.   Microcontroller based temperature analyzing system for industrial control
198.   Microcontroller based Stepper motor speed controlling system using cell phone
199.   AC and DC Motor Speed Control System
200.   Microcontroller based Voltage and Current monitoring system
201.   Microcontroller based Remote Motor Speed Controlling System
202.   Motorised Wheel Chair
203.   Power Factor Correction
204.   Temperature And Humidity Measurement System for Agricultural Applications
205.   Advanced Sensors Controlled Bank Security System
206.   Incorporation of Industrial Safety Measures with Sensors and Web Cam
207.   Power Factor Correction using Multiple Capacitor Banks
208.   Digital Counter using Proximity Sensor

209.   Emergency light control using CFL
210.   Power Grading with Micro controller(two source)
211.   Power Grading with Micro controller(three source)
212.   Power Grading with Micro controller(four source)
213.   Mobile Navigation
214.   GSM based home appliances
215.   Hall Effect
216.   Green House Monitoring and control system
217.   Function Generator
218.   Traffic Signal control in case of emergency
219.   Tachometer Operation without touching
220.   Energy Saving with the help of a sun tracker
221.   Digital Lock Security
222.   Automatic timer based Locking System
223.   APFC(Automatic Power Factor Control)
224.   E-Attendance update using Keypad and LCD
225.   Energy Saving System
226.   GSM based Rail Crack Detector
227.   Wire-less Heart beat Monitoring System
228.   Data Communication by Optical Fibre
229.   Automatic distance measurement and Braking system
230.   Density based Traffic control system using IR sensor
231.   Digital Temperature Scanner
232.   Visitor Counter
233.   D.C Motor speed control using pulse width modulation (PWM)
234.   GSM based Door Lock
235.   Metal Detector
236.   Wireless Anti-Collision System
237.   DTMF and Micro-Controller based Home Appliances(4 Channel)
238.   Street Light Control via IR Sensor
239.   Wireless Temperature Detector
240.   Ultra Sonic Object Detector
241.   DTMF and Micro-Controller based Home Appliances(2 Channel)
242.   Automatic Dam gate Control
243.   Automatic Sun seeker and locator
244.   Wireless Communication Security
245.   Automatic Car Parking assistance using Ultra Sonic sensor
246.   Digital Sound level Indicator
247.   Speed Limit Control on Highways
248.   ABS(Anti-Lock Braking System)
249.   Ultra Sonic Distance locator
250.   DTMF based Robotic Arm

251. LM-35 based Ac fan speed controller
252. Mobile Operated Voting System
253. CRC (Cyclic Redundancy Check)
254. Car Parking System
255. Digital Combination lock
256. DTMF mobile phone controlled dam water gates controlling system with high-level   protection
257. Wireless Heartbeat Monitoring and?Alert system
258. Wireless RF Controlled Digital Camera
259. Microcontroller based automatic liquid dispensing system
260. GSM Based Irrigation System
261. Password protected GSM based Device control
262. Automatic Intelligent?Plant Watering?System (Microcontroller + Rain Sensor)
263. Accelerometer (Gyroscope) Controlled Robot Accelerometer
264. Digital vehicle speedometer with password enabled speed limit setting
265. Timer based Electrical Oven temperature monitoring and control for Metal Industries
266. Soil Moisture sensor based intelligent irrigation water pump controlling system.
267. DC Voltage and Current Meter With LCD Display
268. (Microcontroller Board + Sensors + LCD)
269. Multi-Channel Frequency Measurement with PC Display
270. Timer based automatic power cutoff for industrial sealing/packaging machines
271. Infrared (IR) remote controlled Muscle Stimulator with duration and intensity control
272. Multi Channle Voltage Measurement with LCD Display?)
273. PWM DC Motor Speed Controller (Microcontroller Board + Sensors + LCD + DC Motor)
274. High voltage fuse blown indicator with Voice based announcement system?
275. Microcontroller to Microcontroller Infrared based communication
276. RF Control Of Induction/DC/Stepper Motor &Other Industrial Loads
277. Liquid dispensing system with adjustable quantity for industrial use
278. Innovative keyboard construction with only one input pin
279. Wireless Digital Camera Controller
280. Digital Voltmeter (Microcontroller Board + Sensors + LCD)
281. Mobile phone controlled Street Light monitoring and control system
282. Automatic Rotor Resistance Controller using Microcontroller
283. Closed loop DC Motor Speed Controller (Microcontroller Board + Sensors + LCD + DC Motor)

There are many more, if you also have any project idea in your mind then please let us know.

Thanks and Regards
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