

# VIMAL JYOTHI ENGINEERING COLLEGE, CHEMPERI

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION

### LIST OF MINIPROJECTS

Sl. No.	Acc. No	TITLE-MINIPROJECTS
1	<b>MP.01</b>	Digital Capacitance Meter
2	<b>MP.02</b>	Automatic Temperature controller
3	<b>MP.03</b>	Electronic Quiz Buzzer
4	<b>MP.04</b>	Digital Stop Watch
5	<b>MP.05</b>	Two Wheeler Security System
6	<b>MP.06</b>	Smart Office
7	<b>MP.07</b>	Remote Contolled Stepper Motor
8	<b>MP.08</b>	Digital Speedometer
9	<b>MP.09</b>	PC to PC Wireless communication System
10	<b>MP.10</b>	Microcontroller based electronic Voting Machine
11	<b>MP.11</b>	Prepaid Energy meter
12	<b>MP.12</b>	Station Indicating System
13	<b>MP.13</b>	Metal Detector
14	<b>MP.14</b>	Sound Walker
15	<b>MP.15</b>	Power factor corrector
16	<b>MP.16</b>	RF Remote controlled Robotic Car
17	<b>MP.17</b>	Obstacle avoidance Robotic car
18	<b>MP.18</b>	Telemetry
19	<b>MP.19</b>	DTMF based Remote Controller
20	<b>MP.20</b>	Microcontroller based Moisture Mapped Lawn Sprinkler
21	<b>MP.21</b>	Company security system
22	<b>MP.22</b>	Smart Eye
23	<b>MP.23</b>	PC Remote Control
24	<b>MP.24</b>	Intelligent Train Engine
25	<b>MP.25</b>	Microcontroller based Inductance Meter
26	<b>MP.26</b>	Automatic Power Management System
27	<b>MP.27</b>	Automatic Breaking System for Electric Vehicles
28	<b>MP.28</b>	Industrial Temperature Control system
29	<b>MP.29</b>	Sequential Event Monitor and Control
30	<b>MP.30</b>	SMS Alert System
31	<b>MP.31</b>	Six Axis Robotic Arm Controller
32	<b>MP.32</b>	Automatic Speed Governer

33	<b>MP.33</b>	Automatic Car Parking System
34	<b>MP.34</b>	Microcontrolled Robotic Football Player
35	<b>MP.35</b>	Solar Recorder
36	<b>MP.36</b>	Smart Electricity Bill Reader
37	<b>MP.37</b>	Blackbox in Automobiles
38	<b>MP.38</b>	Appliance security system
39	<b>MP.39</b>	Exploring Robot
40	<b>MP.40</b>	Interactive Voice Response System
41	<b>MP.41</b>	Railway Gate Control System
42	<b>MP.42</b>	Intelligent Traffic Control System
43	<b>MP.43</b>	PC based Oscilloscope
44	<b>MP.44</b>	Hi - Tech wiring
45	<b>MP.45</b>	Room Automation System
46	<b>MP.46</b>	Infrared Data Transfer from PC to PC
47	<b>MP.47</b>	Optical Communication System using FM IM scheme
48	<b>MP.48</b>	Mobile phone sniffer
49	<b>MP.49</b>	Tele Remote controller
50	<b>MP.50</b>	Microcontroller based Programmable Voltage Source
51	<b>MP.51</b>	Substation Automation Through SMS
52	<b>MP.52</b>	RF Controlled Robot
53	<b>MP.53</b>	Computerised wireless pick n place robot
54	<b>MP.54</b>	Land Rover without micro controller
55	<b>MP.55</b>	Intelligent Wheel Chair
56	<b>MP.56</b>	Heart Beat & Temperature Monitoring Syatem
57	<b>MP.57</b>	SMS Based Notice Board Using 8 Bit Microcontroller
58	<b>MP.58</b>	Cell Phone Operated Robot
59	<b>MP.59</b>	GSM Based Moving Weather Checker
60	<b>MP.60</b>	PIC Based Automatic Solar Radiation Trcker
61	<b>MP.61</b>	Automobile Functions Control System Via Bluetooth Utility
62	<b>MP.62</b>	SMS Controlled Smart Home
63	<b>MP.63</b>	GSM/GPRS Based Wireless Home Security System
64	<b>MP.64</b>	Vehicle Accident Detection System With SMS Application Using GSM
65	<b>MP.65</b>	GSM Based Human Detection
66	<b>MP.66</b>	Voice Controlled Quadruped
67	<b>MP.67</b>	Electronic Toll Collection Machine
68	<b>MP.68</b>	Secret Data Embedding Using DCT-encoding
69	<b>MP.69</b>	Online Billing System
70	<b>MP.70</b>	Automatic College Bell System
71	<b>MP.71</b>	Secret Data Embedding Using DCT-encoding

72	<b>MP.72</b>	Mobile Protecting Shield
73	<b>MP.73</b>	Staircase Light with Auto switch Off
74	<b>MP.74</b>	Automatic Headlight DIP Mechanism
75	<b>MP.75</b>	Automatic Head Lamp Intensity Control
76	<b>MP.76</b>	Spherical Robot
77	<b>MP.77</b>	Line Follower Based Book Returning System
78	<b>MP.78</b>	Book Returning Robot
79	<b>MP.79</b>	Biometric Voting Machine (Ballot unit)
80	<b>MP.80</b>	Biometric Voting Machine (Database Creation)
81	<b>MP.81</b>	Driver Fatigue Detection system
82	<b>MP.82</b>	Station Information System in Bus
83	<b>MP.83</b>	Bus Station Recognition System
84	<b>MP.84</b>	Face Recognition
85	<b>MP.85</b>	Drowsy Driver Detection System
86	<b>MP.86</b>	Human Identification using Image processing
87	<b>MP.87</b>	Vortex Floe control
88	<b>MP.88</b>	Automatic solar tracking system
89	<b>MP.89</b>	Systematic Attendance & Location Tracking system
90	<b>MP.90</b>	Medical Monitoring
91	<b>MP.91</b>	Patient Parameter Monitoring system
92	<b>MP.92</b>	Volumetric digital Flow Controller
93	<b>MP.93</b>	$\mu$ c Based Light Tracking System
94	<b>MP.94</b>	Automatic Attendance & Location Tracking Using RF Technology
95	<b>MP.95</b>	New Chameleon Card
96	<b>MP.96</b>	Three Tier Security System
97	<b>MP.97</b>	Automated energy Meter
98	<b>MP.98</b>	Robotics in Disaster Environment
99	<b>MP.99</b>	Alive Human Radiation Detection
100	<b>MP.100</b>	Automatic College Bell System using PIC
101	<b>MP.101(2013)</b>	PIC Based Automatic Solar Radiation Tracker
102	<b>MP.102</b>	DISTANT TACHOMETER
103	<b>MP.103</b>	DTMF BASED BANK LOCKER SYSTEM WITH PASSWORD PROTECTION
104	<b>MP.104</b>	GSM BASED SEISMIC SENSOR
105	<b>MP.105</b>	DAMLEVEL CONTROL AND LEVEL WARNING USING GSM SMS
106	<b>MP.106</b>	SMART MUTING SYSTEM
107	<b>MP.107</b>	COIN OPERATED POWER SYSTEM
108	<b>MP.108</b>	AUTOMATIC TOLL COLLECTION SYSTEM

109	<b>MP.109</b>	GPS AND GSM INTEGRATOR FOR THE MOBILE VEHICLE CHECKING
110	<b>MP.110</b>	MICROCONTROLLER BASED AUTOMATIC FLUSH SYSTEM
111	<b>MP.111</b>	FULLY AUTOMATED RATIONING FOR PUBLIC DISTRIBUTION SYSTEMS
112	<b>MP.112</b>	AUTOMATIC RAILWAY GATE CONTROL&TRACK SWITCHING
113	<b>MP.113</b>	MOTION SENSING POWER POINT CONTROLLER WITH MP3 PLAYBACK
114	<b>MP.114</b>	VEHICLE MONITORING AND SECURITY SYSTEM
115	<b>MP.115</b>	ACCIDENT PROTECTION SYSTEM FOR VEHICLES
116	<b>MP.116</b>	HOME AUTOMATION USING ZIGBEE
117	<b>MP.117</b>	DGS DRIVING GUIDANCE SYSTEM BASED ON WIRELESS SENSOR NETWORK
118	<b>MP.118</b>	INTELLIGENT BIKE THAT WON'T START WITHOUT HELMET
119	<b>MP.119</b>	WIRELESS SWIM BOAT
120	<b>MP.120</b>	AUTOMATIC AQUARIUM
121	<b>MP.121</b>	ULTRASONIC WALKING STICK FOR BLIND
122	<b>MP.122</b>	STUDENTS ARRIVING/LEAVING SAFTY MESSAGE SERVICE SYSTEM
123	<b>MP.123</b>	HUMAN TRACKING FAN SYSTEM
124	<b>MP.124</b>	Remote controlled fan regulator
125	<b>MP.125</b>	Wireless Chatting Using RF with encoding
126	<b>MP.126</b>	DIGITAL STETHOSCOPE
127	<b>MP.127</b>	GATE AUTOMATION BASED ON VEHICLE NUMBER PLATE
128	<b>MP.128</b>	ALCOHOLIC PREVENTER IN AUTOMOBILE
129	<b>MP.129</b>	SMS VOTING MACHINE
130	<b>MP.130</b>	INTELLIGENT DYNAMIC TRAFFIC LIGHT SEQUENCE USING RFID
131	<b>MP.131</b>	OPERATION OF PERSONAL COMPUTER BY HAND GUESTURES
132	<b>MP.132</b>	SPEECH CONTROLLED WHEEL CHAIR
133	<b>MP.133(2014)</b>	SOUND DETECTOR WITH VOICE ANNOUNCEMENT SYSTEM
134	<b>MP.134</b>	STREET LIGHT GLOW SENSOR
135	<b>MP.135</b>	LOCATION BASED SPEED LIMITER
136	<b>MP.136</b>	AUTOMATIC DISPENSER MACHINE
137	<b>MP.137</b>	LOW COST TOUCH SCREEN BASED SECURITY SYSTEM
138	<b>MP.138</b>	MICROCONTROLLER BASED PATIENT MEDICINE REMAINDER SYSTEM
139	<b>MP.139</b>	MICROCONTROLLER BASED INFANT STIMULATION SYSTEM
140	<b>MP.140</b>	TECHNIQUE FOR VIOLATION DETECTION ON TRAFFIC USING WIRELESS ADAPTION

141	<b>MP.141</b>	GSM BASED AUTOMATIC IRRIGATION SYSTEM
142	<b>MP.142</b>	POLLUTANT DETECTOR
143	<b>MP.143</b>	STUDENTS COLLEGE ALERT SYSTEMS TO PARENTS USING RFID
144	<b>MP.144</b>	POWER LINE THROUGH INTELLIGENT ROBOTIC ARM USING REMOTE FLEXATION FOR DOCTORS
145	<b>MP.145</b>	POWER THEFT IDENTIFICATION AND AUTO DISCONNECT SYSTEM
146	<b>MP.146</b>	EXAMINATION ROOM GUIDE USING RFID
147	<b>MP.147</b>	CELL PHONE BASED DTMF CONTROLLED GARAGE DOOR OPENING SYSTEM
148	<b>MP.148</b>	DISTANT CALCULATION FOR UNDERGROUND CABLE FAULT
149	<b>MP.149</b>	AUTOMATIC DIALING TO ANY TELEPHONE USING I2C PROTOCOL ON DETECTING BURGLARARY
150	<b>MP.150</b>	SECRET CODE ENABLED SECURITY SYSTEM USING RFID TECHNOLOGY
151	<b>2015 MP.151</b>	OPTICAL HEAD MOUNTED CONTROLLER
152	<b>MP.152</b>	SELF GUARD
153	<b>MP.153</b>	HOME AUTOMATION USING ANDROID APPLICATION
154	<b>MP.154</b>	SIXTH SENSE TECHNOLOGY
155	<b>MP.155</b>	WILD ANIMAL PANIC ALARM
156	<b>MP.156</b>	SMART EMBEDDED WEB CONTROL
157	<b>MP.157</b>	E-NOSE
158	<b>MP.158</b>	I-KEYBOARD
159	<b>MP.159</b>	GSM BASED SMART NOTICE BOARD
160	<b>MP.160</b>	HEAD CONTROLLED MOUSE & KEYBOARD
161	<b>MP.161</b>	RESCUE ROBOT
162	<b>MP.162</b>	AUTOMATIC VEHICLE & PASSENGER SCREENING SYSTEM
163	<b>MP.163</b>	ADVANCED SMART BOAT
164	<b>MP.164</b>	WIRELESS ECG
165	<b>MP.165</b>	E-PASSPORT
166	<b>MP.166</b>	E-UNIFORM
167	<b>MP.167</b>	TALKING ENERGY METER
168	<b>MP.168</b>	RAILWAY CRACK DETECTION SYSTEM
169	<b>MP.169</b>	INTELLIGENT SHOPPING CART
170	<b>MP.170</b>	INTELLIGENT ROOM
171	<b>MP.171</b>	SPEED LIMITER
172	<b>2016MP.172</b>	WILD FIRE MONITORING SYSTEM
173	<b>MP.173</b>	SMART HELMET

174	<b>MP.174</b>	HAND TALK TECHNOLOGY
175	<b>MP.175</b>	RAILWAY TRACK PEDASTRIAN CROSSING WITHOUT USING STAIRCASE
176	<b>MP.176</b>	FINGER PRINT OWNERSHIP CHECKING SYSTEM
177	<b>MP.177</b>	POWER SAVING IRONBOX
178	<b>MP.178</b>	COIN BASED MOBILE BATTERY CHARGER
179	<b>MP.179</b>	CLEANER ROBOT
180	<b>MP.180</b>	MOBILE STARTER CONTROLLER
181	<b>MP.181</b>	TSUNAMI DETECTION SYSTEM
182	<b>MP.182</b>	LAB ASSISTANT ROBOT
183	<b>MP.183</b>	HIGH SPEED PHOTOGRAPHY TRIGGERING CIRCUIT
184	<b>MP.184</b>	SMART CAR
185	<b>MP.185</b>	SMART RESTAURANT
186	<b>MP.186</b>	AUTOMATIC FIRE EXTINGUISHING ROBOT
187	<b>MP.187</b>	RFID BASED SHOPPING TROLLEY
188	<b>MP.188</b>	SELF BALANCING ROBOT
189	<b>MP.189</b>	INTELLIGENT MAIL BOX
190	<b>MP.190</b>	MOVING ALARM CLOCK
191	<b>MP.191</b>	TEXT TO BRAILLE CONVERTER
192	<b>MP.192</b>	MOBILE BASED DEVICE CONTROL USING PSoC
193	<b>MP.193</b>	SOLAR POWERED SMART WASTE BIN
194	<b>MP.194</b>	LASER AUDIO COMMUNICATION
195	<b>MP.195</b>	TOUCH SCREEN BASED SECURITY SYSTEM