

EXPERT SYSTEMS AND SOLUTIONS

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[IEEE 2012](#)

[ABSTRACTS](#)

[PROJECT AREAS](#)

[VIDEOS](#)

[KITS AND SPARES](#)

[PROJECTS LIST](#)

[ONE-DAY](#)

[WORKSHOP](#)

[JOB OPENINGS](#)

[ELECTRICAL](#)

[WORKS](#)

[ONLINE TUTORING](#)

[ELECTRONICS](#)

[SERVICING](#)

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[FAQ](#)

[Downloads](#)

[Part Time R F](#)

Instrumentation Project Titles

1. "Active cage" to study the behavior of animal under test
2. "Computer controlled temperature & light recorder
3. "Radio caller" tracer for tracing animal
4. 100-Watts Frequency Controlled Inverter
5. 12 bit ADC interface system for PCS
6. 180-Watts DC To AC Converter
7. 32 channels PC controlled light dimmer
8. 3-Phase Automatic C/O for Domestic App
9. 3-Phase Motor Starter
10. 4 - Channel logic analyzer
11. 50 MHz logic analyzer for digital systems
12. AC Motor Test Bench
13. Active air purifier cum conditioner for asthma patients
14. Add-on system for TV with internet-mail capabilities
15. Advanced bench-top power supply
16. Advanced bio - telemetry model
17. Advanced coded card security system
18. Advanced digital trainer
19. Advanced home monitoring system
20. Advanced industrial function controller using telemetry
21. Advanced IR based traffic controller
22. Advanced mind reader
23. Advanced phase controller
24. Advanced security system
25. Advanced solar tracking system
26. Advanced system for product quality control in industries
27. Advanced temperature indicator cum controller
28. Advanced traffic controller cum density analyzer
29. Auto attendance register with time keeping
30. Auto temperature & Controlled digital fan regulator
31. Auto water feeder
32. Automatic air humidifier
33. Automatic blower fan control for cars
34. Automatic Door opening and closing mechanism
35. Automatic electronic Filling Mechanism
36. Automatic electronic plant watering system
37. Automatic guided vehicle model
38. Automatic home security system

39. Automatic Pneumatic power Haw-Shaw machine
40. Automatic Pneumatic sheet cutting machine
41. Automatic Pressing system
42. Automatic railway gate controlling system
43. Automatic rain operated wiper
44. Automatic Remote Diesel Gen set starter
45. Automatic signaling system for trains
46. Automatic telephone exchange
47. Automatic time table announcer for bus-stands
48. Automatic vacuums cleaner (mini)
49. Automatic vehicle number plate recorder for traffic analyzer
50. Bank token number display system
51. Bi-directional RS232-to-centronics converter PC based PIC programmer
52. Capacitive proximity switch
53. Capturing analogue signal on pc
54. Car battery charger
55. Carrier current remote control
56. Central heating system
57. Centralized electrical billing system
58. Changing temperature monitor
59. Chip - card reader / programmer
60. Circuit simulation using pc
61. Coded card security system
62. Compact audio paging system
63. Computer aided wireless security system
64. Computer based code lock security system
65. Computer based ultrasonic distance meter
66. Computer based video digitizer
67. Computer controlled robotic vehicle
68. Computer controlled temperature & light recorder
69. Computer emulator
70. Computer eye
71. Computer guided "star finder"
72. Computer interfaced temperature controller
73. Computer 'mouse' model
74. Computer P.S.U. Monitor
75. Computer wireless LAN
76. Computerized auto - translator
77. Computerized automatic drug vending machine
78. Computerized blood sample analyzer
79. Computerized chromo (color) analyzer for quality control in industries
80. Computerized data logger for weather stations
81. Computerized fingerprint recognition system
82. Computerized lie detector
83. Computerized material testing aid for metals
84. Computerized object counter cum decoder
85. Computerized object counter, recorder & analyzer for products
86. Computerized quality control system for diary
87. Computerized quality control system for dry fruit processing unit
88. Computerized quality control system for food industries
89. Computerized quality control system for motors
90. Computerized railway traffic controller to prevent accidents
91. Computerized satellite tracking system
92. Computerized security system
93. Computerized system for automatic information server for transport corporations

94. Computerized system for quality management
95. Computerized tele-informer for banks
96. Computerized temperature monitor
97. Computerized training aid for mentally retarded
98. Computerized visitor counter cum token number display
99. Computerized voice operated form feeder
100. Computerized water analyzer & purifier
101. Computerized weather station
102. Copying with AV recorders
103. Cordless remote keyboard
104. Cordless remote mouse for computers
105. Cordless security system
106. Customized TV game system
107. Data acquisition system for OC
108. Data logger for DMM
109. DC Motor Test Bench
110. Digital audio / visual system
111. Digital bank token display
112. Digital code lock
113. Digital coil / transformer winding machine
114. Digital coil winding machine
115. Digital compass
116. Digital I/O card for PC's
117. Digital microscope
118. Digital microscopic image projector
119. Digital on / off controller
120. Digital score board
121. Digital speed controlled for motors.
122. Digital switching system for industries
123. Digital talking clock module
124. Digital temperature recorder
125. Digital thermometer with RS-232 interface
126. Digital weighing machine
127. Digital world time reader
128. Digitally controlled telephone answering machine
129. Digitally variable push button power supply
130. Dish antenna motorized tracking system
131. Door bell or telephone operated flash light
132. DTMF remote monitoring system
133. E.C.G machine
134. E-commerce package for internet user
135. Electrical power generator using foot steps
136. Electro-chemical pest control system for farmers
137. Electromagnetic compatibility tester
138. Electronic accelerometer
139. Electronic air pollution detector
140. Electronic car dashboard
141. Electronic car monitoring system
142. Electronic card lock system
143. Electronic code lock
144. Electronic gas meter
145. Electronic heard to soft water converter
146. Electronic identity card security system
147. Electronic induction cooker / heater
148. Electronic lie detector

149. Electronic office call bell system
150. Electronic pantograph
151. Electronic plant physiology
152. Electronic sand-glass
153. Electronic telephone demonstrator
154. Electronic voting machine
155. Electronic water pollution monitor
156. Emi source tracer
157. Fabrication of two wheeler head light dim-bright control system
158. Fence wire burglar alarm
159. Fluid level monitor
160. Four-fold DAC card for PC's
161. Fully Protected Power Supply
162. Function generator with LCD display
163. Fuzzy logic based temperature Controller
164. Gas leakage detector
165. Gas sensing fire alarm system
166. General purpose infra-red buffer
167. General purpose infra-red volume control
168. General purpose sensor monitor
169. Home automation modem
170. Home security system with timer action
171. Hopper Filling system
172. Image classification for satellite images
173. Infrared controlled noiseless volume control
174. Infra-red controlled switch
175. Infrared controller dimmer governor for induction motors
176. Infra-red light gate
177. Infra-red RS-232 link
178. Intelligent Braking system
179. Intelligent remote telephone call transfer system
180. Interactive voice assisted tele-product finder
181. Interactive web designing package
182. Internet based remote device operation
183. Internet linked zone control/monitoring system
184. Ionization chamber smoke detector
185. Ionization type smoke alarm
186. Joystick - to - mouse adapter
187. Light and fan interface with pc
188. Light effects generator
189. Logic analyzer
190. Logic probe for buffer IC's
191. Mains frequency & phase detector
192. Mains remote control of fans
193. Mains signaling system
194. Mains-power on delay
195. Manuel EPROM programmer cum verifier
196. Matrix key pad encoder
197. MCB Test bench
198. Micro PLC system
199. Microcontroller development / test tool
200. Microwave field strength meter
201. Microwave grain moisture meter
202. Mini auto DAC
203. Mini digital oscilloscope

204. Mobile over speed Indication controlling system
205. Modern care service module
206. Morse decoders
207. Moving message display using EPROM
208. Multi- channel data acquisition system
209. Multi-bit data encrypt./decrypt. S/w for internet
210. Multi-channel home monitoring system
211. Multi-channel industrial activity monitoring system
212. Multi-channel logic analyzer
213. Multi-channel monitoring system
214. Multi-channel water level monitor cum controller
215. Multifunction home monitoring system
216. Multifunction industrial activity monitoring system
217. Multi-point fuel injection system for motor vehicles
218. Optical fiber digital step controller
219. Optical pyrometer
220. Opto - to - coaxial audio converter
221. Paging system for blinds
222. Parallel to serial converter
223. Parking sonar for four wheelers
224. Pc based access control system
225. Pc based am/fm receiver IC analyzer
226. Pc based digital microscope computerized zone control system
227. Pc based fingerprint analyzer cum verifier
228. Pc based function generator
229. Pc based liquid level analyzer
230. PC based metal sample analyzer
231. PC based metal sample detector
232. PC based microscopic image projector
233. PC based moving message display
234. PC based plotter driver
235. PC based programmable IR remote control
236. PC based seven segments rolling display
237. PC based stepper motor controller
238. PC based system for automatic bill payments
239. PC based teaching aid for mentally retarded
240. PC based telephone linked product directory
241. PC based token number displayer
242. PC based video copy processor
243. PC based visitor counter
244. PC based voice recognition system
245. PC based water sample analyzer
246. PIC - controlled home alarm system
247. PID temperature controller for furnaces.
248. Plant humidity monitor
249. Points control for model railways
250. Point-to-point PC comm. Using laser
251. Poly Propylene Sheet Mfg control System
252. Portable data logger
253. Precise Digital Ac Power Controller
254. Precision clock for PC's
255. Precision power supply
256. Precision temperature controller for industries
257. Product / material / fault finding system for industries
258. Programmable digital controller for street lights

259. Programmable digital time switch
260. Programmable fuel injection system systems for motor vehicles
261. Programmable switching system
262. Pulse generator for AV recorders
263. R/C interface for PC flight simulator
264. Radar controlled door opener for
265. Radio controlled motor speed controller
266. Relative humidity sensor
267. Remote car security system
268. Remote control by telephone
269. Remote controlled servo system
270. Remote controlled switch board
271. Remote controlling of devices using cell phones
272. Remote digital step controller
273. Remote industrial security system
274. Remote monitoring of physical parameters using telemetry
275. Remote operation of devices using GSM system
276. Remote temperature sensing
277. RF id system for animals
278. RF id system for trains
279. RF id system for workers
280. Robot for automatic process control
281. Room call service reminder
282. Route tracer cum cable fault finder
283. RS- 232 interface for A/D converter ici7106
284. Semi Automatic Remote Controlled Diesel Engine
285. Serial 12-bit a/d converter
286. Short range communication system for PC's
287. Signal controlled switch
288. Simple A/D converter
289. Simple I/O card
290. Simple relay and sensor interface for pc
291. Simplified photocopier using computers
292. Smart card operated code lock
293. Smart card reader/writer
294. Soil analyzer for farmers
295. Solar agro sprayer
296. Solar home lighting system
297. Solar Tracking system
298. Solar-traffic control system
299. Solid - state digital power controller
300. Solid State Power Controller
301. Spike detector
302. Stamp basic computer
303. Stamp security system
304. Stepper motor control
305. Stereo mixer for recording studio
306. Strategic fire alarm
307. Surround sound audio system
308. Tele - text decoder for PC's
309. Tele-data logger for industries
310. Telemetry demodulator
311. Telephone controlled remote switch
312. Telephone- operated night light
313. Tele-remote result announcement system for universities

314. Temperature controlled fan
315. Temperature recorder using pc
316. Touch controlled programmable power supply
317. Transformer Monitoring System
318. TV add - on card for monitors
319. TV receiver cum monitor
320. Two - way PC - fax interface
321. Ultrasonic jewelry cleaner
322. Universal control for stepper motors
323. Universal power - on delay
324. Universal time switch
325. Universal warning device
326. Voice command for device control using pc
327. Voice operated recording
328. Voltage transducer for pc
329. V-to-f converter
330. Water heater controller
331. Web based electronic yellow pages
332. Wide-band radiation monitor
333. Windmill power Generator system
334. Wireless home security system

<u>>> Power Systems Titles</u>	<u>>> VLSI Projects</u>
<u>>> Electronics Projects</u>	<u>>> Microprocessor Projects</u>
<u>>> Solar Projects</u>	<u>>> ANN Projects</u>
<u>>> DSP Projects</u>	<u>>> Power Electronics Projects</u>
<u>>> Fuzzy Projects</u>	<u>>> Mechanical Projects</u>
<u>>> Embedded Projects</u>	
<u>>> Instrumentation Projects</u>	

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