

PROJECT TITLES

EEE/ECE/EIE/ICE/ROBOTICS

EMBEDDED AND MICROCONTROLLER BASED PROJECTS:-

1. GSM mobile phone based automobile security system (IEEE 2000)
2. Finger Print based medical announcement system
3. GPS based automatic route announcement system for blind people
4. Controlling a large data acquisition system using an industrial SCADA system (IEEE 2007)
5. Automatic multiple transformer fault detection and protection system
6. On line vehicle tracking by using GPS and GPRS (IEEE 2004)
7. SCADA for A.C motor controller with IGBT based control system
8. RFID based highway toll collection
9. Finger print based banking system
10. A neural network based steam temperature control system (IEEE 2008)
11. Internet controlled D.C motor speed controlling system
12. Human route tracking system by using GPS
13. Electronic Fuel Injection (EFI) system for Two wheeler
14. A remotely controlled by the onboard measurement system for optimization of energy consumption of electrical trains (IEEE 2008)
15. Microcontroller based automatic power factor controlling system
16. An intelligent mobile robot navigation technique using RFID Technology (IEEE 2008)
17. Automatic drunken driver avoiding system for automobile
18. Design and implementation of a wireless remote data acquisition system for mobile applications (IEEE 2005)
19. A smart card based Prepaid electricity system (IEEE 2007)
20. RFID based automatic car parking system
21. Microcontroller based sky car parking system
22. GSM based mobile Tele-monitoring and management system for inter-cities public transportation (IEEE 2004)
23. Finger print based library management system
24. Automatic taxi trip sensing and indication system through GSM
25. On line temperature monitoring of power distribution equipment (IEEE 2005)
26. Microcontroller based wireless energy meter
27. Microcontroller based traffic density controller
28. Web based home appliances controlling system
29. A real time remote control architecture using mobile communication (IEEE 2005)
30. GSM Based remote measurement of electricity and control system for home

31. Microcontroller based Auto-Dialer Home Security System
32. SCADA for power plant
33. The electronic passport and the future of government issued RFID based identification (IEEE 2007)
34. Finger print based license checking system
35. RFID based shopping trolley
36. Monitoring and transmission of heavy vehicle parameters using fixed cellular terminal (IEEE 2004)
37. SMS based vehicle Ignition controlling system
38. Finger print based security system
39. A microcontroller sensor less speed control of D.C Motor (IEEE 2007)
40. Microcontroller Based Gas leakage detection and auto dialing
41. An application of detection function for the eye blinking detection
42. Prepaid card for Bus fair system
43. GPS based bus or train collision avoiding system
44. Microcontroller based automatic electronic bus fair system
45. Microcontroller based mini computer dictionary
46. Microcontroller based talking key pad for blind people
47. SCADA for D.C motor
48. Microcontroller based automatic temperature controller with cooling system
49. Mobile phone tracking system by using GPM and GSM
50. Microcontroller based wireless energy transmitter with power cutoff system
51. Automated vehicles for physically and visually challenged (IEEE 2008)
52. GSM based industrial temperature monitoring and controlling system
53. Microcontroller based automatic sensor based wall painting robot
54. RFID based animal tracking system
55. Finger print based door open close system
56. Prepaid card for petrol bunk
57. Voice operated home appliances controlling system
58. PWM based single phase AC induction motor with closed loop controller
59. Microcontroller based Finger print based voting machine
60. RFID based medical information system
61. GSM based speed control of single phase induction motor
62. Microcontroller Based Patient care Monitoring and Information system
63. Finger print based Lift operating system
64. Remote home control through internet
65. RFID based vehicle security and mobile based locking system
66. Microcontroller based fault announcement system
67. Prepaid card for EB meter with wireless recharge

68. GSM based bank security system with auto dialer
69. Microcontroller Based Automatic Ticket Dispensing Machine
70. Microcontroller based voice recorder and play back system
71. GSM and GPS interface for vehicle tracking system
72. SMS based D.C motor speed controlling system
73. Speed drive for single phase induction motor (IEEE 2004)
74. Microcontroller based ball printing robot
75. SMS based automatic weather report information system
76. Microcontroller Based Voltage and Current monitoring and control system
77. Microcontroller based wireless Electric bill reading system
78. SMS based home appliances controlling system
79. RFID based system for class room identification for visually impaired
80. Wireless energy transmitter with tariff system
81. RFID based attendance system
82. PC based pressure management and controlling system
83. Microcontroller based motor monitoring and production system
84. SMS based automatic electricity bill information system
85. Microcontroller Based Punch card system
86. Engine monitoring system through mobile phone
87. SMS based automatic two wheeler locking system
88. RFID based production security system
89. Micro controller Based smart card reader and writer
90. Industrial furnace monitoring system through mobile phone
91. Speed control of PMDC motor by using fuzzy logic
92. Microcontroller based automatic Power theft identifier
93. SMS based banking security system
94. PC based wireless stepper motor speed controlling system
95. Security breach information for unauthorized entry based on mobile technique
96. Microcontroller Based cash register
97. SMS based industrial disaster system
98. Microcontroller based transformer monitoring and production system
99. Intelligent fire monitoring using blue tooth technology
100. RFID R/W based prepaid energy meter
101. Remote control of industrial machines based on GSM technology
102. Microcontroller based PC to PC wireless data transfer system
103. Microcontroller Based Power Management System
104. Microcontroller Based Voltage and Current monitoring system
105. SMS Based DC Motor Speed Controller
106. RFID based banking system
107. Microcontroller Based Closed Loop Pressure Control System
108. Microcontroller Based Automatic Packing control Machine
109. Microcontroller based automatic visitor guided vehicle
110. Finger print based banking system

111. Microcontroller Based SMS controlled moving robot
112. Microcontroller based digital gear level indicator
113. Microcontroller Based Railway track crack Detecting Vehicle
114. GPS based location indicating system for unmanned automobile
115. Artificial Intelligent Based Automatic Path finding Cum Video Analyzing Robot
116. Microcontroller Based Voice Controlled Robot
117. Microcontroller Based Unaided Guided Vehicle (UGV)
118. Digital energy with volt, current & power factor monitor
119. Microcontroller based automatic paint marking machine
120. Microcontroller Based Double Axis crane
121. Microcontroller Based mono rail system
122. Microcontroller Based Solar Powered Automated Guided vehicle (Solar AGV)
123. Gas leakage detector & auto dialing controller system
124. Microcontroller Based Railways Accident Avoiding System
125. Microcontroller Based Sensor operated Automatic Track Guided vehicle (ATGV)
126. Microcontroller Based Automatic Vehicle Accident information system
127. Microcontroller Based Digital locking system (Password) for Two wheeler
128. Microcontroller based digital energy meter
129. Microcontroller Based speed and frequency monitoring and controlling system
130. Micro controller Based 104 keyboard interface (PS/2)
131. Microcontroller Based Intelligent Braking System
132. Microcontroller Based Stepper Motor Speed Controlling System Using Cell Phone
133. Microcontroller Based Multi-Channel acquisition and control
134. Microcontroller based automatic vehicle speed measuring system using IR Rays
135. Microcontroller Based automatic industrial time management system with display
136. SMS Based Banking Security System
137. Microcontroller Based motor speed and frequency monitoring system
138. Microcontroller based digital advertisement display using LED
139. Microcontroller based maximum demand controller for industry
140. Microcontroller Based Incubator
141. Microcontroller Based Automatic Water Level Indicator and Controlling System
142. Microcontroller Based Automatic Traffic and Street Light Controlling System
143. Microcontroller Based Multi-Channel Fire Alarm System
144. Microcontroller Based motor speed monitoring and controlling system
145. Microcontroller Based Remote Motor Speed Controlling System
146. Microcontroller Based automatic glucose flow rate controller
147. Microcontroller Based telephone Answering And Recording Machine
148. Microcontroller Based Sensor Operated Path Finder Vehicle
149. Microcontroller Based Automatic Moisture and Light control System for Garden
150. Microcontroller Based digital temperature measurement system
151. AC Motor Speed Controlling System Using PWM Techniques

152. High Way High Speed Sensing and Automatic Speed Controlling System
153. Microcontroller Based Automatic temperature controller with cooling system
154. Computerized Pick and place sequence operated Robot
155. Sensor Operated Paper Counting Machine
156. Microcontroller Based Conveyor Automation
157. Material Dimensions Analysing Robot
158. Sensor Based Automatic steering control system for Automobile
159. Microcontroller Based Automatic Electro-Plating Coating System
160. PC based wireless pick and place crane
161. PID controller for D.C motor
162. Microcontroller Based Automatic Railways Signaling System
163. Microcontroller Based Automatic Humidification system
164. Microcontroller Based Self centering Four-jaw Chuck
165. Microcontroller Based Simple indexing by stepper motor in Shaping Machine
166. Microcontroller Based Fire Fighting AGV
167. Microcontroller Based Mini Robot car
168. Microcontroller Based Industrial temperature Analyzing Robot
169. Microprocessor Controlled Thermometer
170. Microcontroller Based Automatic medicine announcement system
171. Microcontroller Based velocity and pressure monitoring and controlling system
172. Microcontroller Based Digital password car parking system for apartment
173. Automatic attendance monitoring and Light ON/OFF system
174. Automatic Vehicle Over Speed Indication and Controlling System
175. Microcontroller Based Railways Accident Avoiding System
176. Microcontroller based pick and place spray painting sequence robot
177. Microcontroller Based Industry Safety Control System
178. Microcontroller Based Automatic college bell with announcement System
179. Microcontroller Based Ball Printing Robot
180. Microcontroller based automatic dam shutter open/close system
181. Microcontroller Based Automatic car Over taking System
182. Microcontroller Based Phase sequence indicator and controlling System
183. Microcontroller Based Multi-channel temperature monitor for surgery
184. Microcontroller Based Multi-Device Digital Code Locking System
185. Advertising Display using LED & LCD
186. DSP based signal analyzer
187. Phase failure manager (or) Identifier
188. Dish Antenna Rotating System
189. Microcontroller Based Multi-channel Fire (or) Smoke Detector
190. Microcontroller Based Humidity Controller
191. Microcontroller Based Blood/Glucose flow rate controller
192. Microcontroller Based Automatic Packing Machine by using sensors
193. Microcontroller Based Automated Guided Vehicle (AGV)
194. Microcontroller Based Capacitance and Resistance Measurement Meter
195. Microcontroller Based Automatic Power factor Controller

196. Automatic Accident avoiding system in Machine
197. Telephone Answering and Home appliances Control system through Cell Phone
198. Telephone line based Audio Muting and Light ON/OFF Control System
199. Microcontroller Based Automatic Railway Gate Controller
200. Microcontroller Based Mini Robo Car
201. Microcontroller Based Moving Message Display
202. Micro controller Based humidity controller
203. Microcontroller Based Electrical Appliances Controlling System Using Cell Phone
204. Microcontroller based temperature analyzing system for industrial control
205. Microcontroller Based Temperature and Respiration Monitoring System
206. Microcontroller Based Digital Fuel Level Indicator
207. Microcontroller Based Motor Speed Monitoring System
208. Microcontroller Based Industrial Power Saving and Automatic Attendance System
209. Microcontroller Based Dam water level Indicator and Controlling System
210. Microcontroller Based Fire Fighting Robot
211. Microcontroller based automatic car parking system
212. Microcontroller Based velocity and pressure monitoring system
213. Microcontroller Based Two Wheeler Automation with Security System
214. Microcontroller Based Home Automation with Security System
215. Micro controller Based dish antenna tracking system
216. Microcontroller based intelligent bank security system
217. Microcontroller Based Path Sensing(Finding) Robot
218. Microcontroller Based Water Level Indicator
219. Microcontroller Based voice controlled Machines
220. Microprocessor Based Token Number display for Bank with Speech Facility
221. Telephone Line Based Generic Switching System by using Microcontroller
222. Microcontroller Based personal remainder system
223. Microcontroller Based battery level monitoring system

MOBILE PHONE BASED PROJECTS

1. On line vehicle tracking by using GPS and GPRS (IEEE 2004)
2. Microcontroller Based Patient care Monitoring and auto dialer system
3. Design and implementation of a wireless remote data acquisition system for mobile applications (IEEE 2005)
4. GPS based bus or train collision avoiding system
5. GSM based mobile Tele-monitoring and management system for inter-cities public transportation (IEEE 2004)
6. Human tracking system by using GPS
7. The GPRS based location system for the long distance freight (IEEE 2006)
8. Automatic power meter reading system using GSM network (IEEE 2007)

9. GSM mobile phone based automobile security system (IEEE 2000)
10. SMS based home appliances controlling system
11. Automatic taxi trip sensing and indication system through GSM
12. GPS based Aid for Blind People
13. Design and development of voice / Tele operated intelligent mobile robot (IEEE 1997)
14. An intelligent mobile robot navigation technique using RFID Technology (IEEE 2008)
15. Fabrication of GPS Robot
16. A real time remote control architecture using mobile communication (IEEE 2005)
17. GSM Based remote measurement of electricity and control system for home
18. GSM based speed control of single phase A.C Motor
19. Security breach information for unauthorized entry based on Mobile technique
20. Industrial furnace temperature monitoring system using Mobile phone
21. Microcontroller based Auto-Dialer Home Security System
22. A remote measurement and controlling system for green house based on GSM-SMS (IEEE 2007)
23. Mobile tracking system by using GPS and GSM
24. Remote control of industrial machines based on GSM technology
25. Monitoring and transmission of heavy vehicle parameters using fixed cellular terminal (IEEE 2004)
26. GSM Mobile Phone based Automobile Security System
27. Microcontroller Based SMS controlled moving robot
28. Gas leakage detector & auto dialing controller system
29. Mobile phone jammer
30. Railway anti-collusion system using GPS
31. Mine detection vehicle for defense using GSM
32. GSM Based industrial controller
33. SMS based patient monitoring system
34. Microcontroller Based Stepper Motor Speed Controlling System Using Cell Phone
35. Railway Security Management System using GSM
36. GSM based home automation with security system
37. Locker security system with SMS informer
38. Microcontroller Based Electrical Appliances Controlling System Using Cell Phone
39. Microcontroller Based telephone Answering And Recording Machine
40. Cell phone controlled pick and place robot
41. SMS Based Banking Security System
42. SMS controlled credit card
43. GSM and GPS interface for human tracking system
44. SMS based electricity Billing system
45. GPS based location indicating system for unmanned automobile
46. Stepper Motor Speed Controlling System Using Cell Phone

47. SMS based automatic two wheeler locking system
48. Intelligent fire monitoring using blue tooth technology
49. SMS controlled pick and place robot with video camera
50. SMS based weather Report
51. Locker security system with SMS informer
52. SMS Based DC Motor Speed Controller

ROBOTICS BASED PROJECTS

1. A robot system for fire fighting in tunnels (IEEE 2005)
2. SMS based automatic two wheeler locking system
3. The development of intelligent home security robot (IEEE 2005)
4. GPS based vehicle root tracking system
5. Design and development of voice / Tele operated intelligent mobile robot (IEEE 1997)
6. Automatic Steering Control robot
7. An intelligent mobile robot navigation technique using RFID Technology (IEEE 2008)
8. Fabrication of GPS Robot
9. GSM mobile phone based automobile security system (IEEE 2000)
10. Automatic alcohol sensing robot
11. Artificial Intelligent based Solar Vehicle
12. Robot for military application
13. GSM based automatic vehicle accident information system
14. Material Dimensions Analyzing Robot
15. Three axis modern trailer
16. SMS controlled video analyzing robot
17. PLC based pick and place Robot
18. Fire Fighting Robot
19. Automatic car overtaking system
20. Path finding Robot
21. Fully Automated Track Guided Vehicle (ATGV)
22. Automatic Ball Printing Robot
23. Industrial temperature analyzing Robot
24. SMS controlled solar vehicle
25. Robot controlled Vacuum Cleaner
26. Automatic fire fighting visitor guided vehicle
27. Robot Hand (Model)
28. SMS controlled pick and place robot
29. Remote controlled bomb detecting robot
30. Automatic Arc Welding Robot
31. Fabrication of Computer Interfaced Robot
32. Automatic sensor based wall painting Robot

33. Remote operated weapons robot
34. Automatic pick and place paint spraying robot
35. Automatic vehicle accident place finding system by using GPS technology
36. Automatic Visitor Guided Robot
37. Sensor Operated Automatic Punching robot
38. Aero plane Controlling System (Flying Model)
39. Remote Controlled Video Analyzing Robot
40. Mini Robot Car for industrial application
41. Remote controlled air craft (Flying Model)
42. Mini Robot Spray Painting System
43. Remote controlled material handling robot
44. Pick and Place jumping robot with remote control
45. Video analyzing remote controlled vacuum cleaning robot
46. Automatic Scrap collecting Robot
47. SMS controlled moving robot
48. PLC based pick and place Robot
49. Cell phone controlled Solar Vehicle
50. Man less defense
51. Robot manipulator
52. Remote controlled paint spraying Robot
53. Mini Robot Car
54. Yarn detector and Braking Controlling Robot
55. Industrial temperature analyzing Robot
56. Human Eye Robot (Model)
57. Robot Excavator (Model)
58. Sensor Operated Path Finding Robot (Way Searching)
59. Automatic Magnetic Accident preventer for Train
60. Cell Phone Controlled Video Analyzing Robot
61. Robot Controlled Vacuum Cleaner
62. Intelligent Way Searching Pick and Place Robot
63. Cell Phone Controlled jumping Robot
64. Voice Controlled Material handling vehicle
65. PC based wireless Pick and Place Robot
66. Automatic Robot Over speed controlling system for People Zone
67. Artificial Intelligent Based Automatic Path finding Cum Video Analyzing Robot
68. PC based pick and place sequence robot
69. Automatic Paint spraying Robot
70. Automatic Vehicle Over speed controlling system for School Zone
71. Automatic vehicle Accident Information System
72. AI Based Fire fighting AGV
73. CNC material handling robot
74. Automatic paint spraying Conveyer Operated Robot Hand Model
75. Automated Guided Vehicle (AGV)
76. Pick and Place Robot with Remote Control

77. Wire Controlled Pick and Place Moving Robot
78. Voice Controlled Robot
79. Intelligent Robot
80. Telephone Operated Robot
81. Computer Interfaced Stationery Robot
82. Pneumatic Four Axis Material Handling Robot
83. Visitor guided with material handling Robot
84. Automatic railway track crack detecting Vehicle
85. Digital locking system (Password) for moving robot
86. Unaided Guided Vehicle(UGV)
87. Sand Collecting Vehicle
88. Automatic Fire Sensing and fighting Robot

WIRELESS BASED PROJECTS

1. The application of arm and ZIGBEE technology wireless networks in monitoring mine safety system (IEEE 2008)
2. Secure remote access from Office to Home (IEEE 2001)
3. Human root tracking system by using GPS
4. On line vehicle tracking by using GPS and GPRS (IEEE 2004)
5. A remotely controlled by the onboard measurement system for optimization of energy conception of electrical trains (IEEE 2008)
6. An intelligent mobile robot navigation technique using RFID Technology (IEEE 2008)
7. Design and implementation of a wireless remote data acquisition system for mobile applications (IEEE 2005)
8. GSM based mobile Tele-monitoring and management system for inter-cities public transportation (IEEE 2004)
9. Automatic taxi trip sensing and indication system through GSM
10. Wireless communication based tire pressure monitoring system (IEEE 2007)
11. Microcontroller based wireless energy meter
12. Designing wireless interfaces for patient monitoring equipment (IEEE 2005)
13. Web based home appliances controlling system
14. A real time remote control architecture using mobile communication (IEEE 2005)
15. GSM Based remote measurement of electricity and control system for home
16. Microcontroller based Auto-Dialer Home Security System
17. Microcontroller based wireless recorder for biomedical signals (IEEE 2005)
18. Microcontroller Based Gas leakage detection and auto dialing
19. GPS based bus or train collision avoiding system
20. Wireless liquid level sensing for restaurant applications (IEEE 2002)
21. GSM based speed control of single phase induction motor
22. Microcontroller Based Patient care Monitoring and Information system

23. System for measuring power supply parameters with ZIGBEE connectivity (IEEE 2007)
24. Remote home control through internet
25. Remote controlled dish antenna rotating system
26. Wireless transformer monitoring system
27. Prepaid card for EB meter with wireless recharge
28. GSM based bank security system with auto dialer
29. Wireless home appliances controlling system using FM
30. GSM and GPS interface for vehicle tracking system
31. Wireless audio communication through laser beam
32. SMS based D.C motor speed controlling system
33. Microcontroller based Wireless traffic light controller
34. Remote controlled D.C motor speed controlling system
35. SMS based automatic weather report information system
36. Microcontroller based wireless Electric bill reading system
37. SMS based home appliances controlling system
38. Wireless controller cum internet controller for home appliances
39. SMS based banking security system
40. PC based wireless stepper motor speed controlling system
41. Security breach information for unauthorized entry based on mobile technique
42. SMS based industrial disaster system
43. Microcontroller Based SMS controlled moving robot
44. GPS based location indicating system for unmanned automobile
45. PC based wireless pick and place robot
46. Microcontroller based Wireless monitoring system
47. Remote industrial security system
48. Wireless hospital management system
49. RF based remote control for Air-conditioner
50. Wireless two wheeler locking system
51. Wireless water level controller
52. Wireless PC-PC data communication system through Lased beam
53. Wireless theft indicator for vehicle
54. Wireless toll collection
55. Remote controlled Belt Conveyor
56. Wireless wind mill blade controlling system
57. Wireless controlled metal detector
58. Wireless single phase preventer cum power failure indicator
59. Remote controlled motorized crane
60. Wireless power failure indicator for E.B
61. Wireless A.C motor speed controlling system

CONVENTIONAL AND NON-CONVENTIONAL PROJECTS

1. GPS based solar vehicle root tracking system
2. Remote controlled solar powered handicapped tilting wheel chair
3. Solar railway track crack detecting vehicle
4. Grid Interactive inverter (Wind Mill)
5. Solar automatic head-lamp alignment system with dim/bright controller
6. Hybrid system for home (Wind mill with Solar Power)
7. SMS based solar pick and place robot
8. Domestic wind mill
9. Solar fertilizer Sprayer
10. Auto charging grinding machine with solar power
11. Solar race car
12. Solar powered remote controlled bomb detecting robot
13. Solar Automobile Fridge
14. SMS controlled solar Vehicle
15. SMS controlled solar vehicle for industrial Application
16. Solar powered thermo-electric refrigerator
17. Solar Water Purification by using thermal method
18. Solar powered tea leaf cutting machine
19. Automatic wind blade pitch controlling system
20. Solar Powered Unaided Guided Vehicle (Solar UGV)
21. Solar powered automatic temperature controller with cooling system
22. Electrical Power Generation system using Railway track
23. Solar Refrigeration system
24. Artificial Intelligent based Solar Vehicle
25. Solar powered remote controlled weapon system
26. Pelton Wheel Turbine
27. Electrical Power Generation using Thermal Power Plant
28. Solar Power Generation With Auto Tracking
29. Solar Electric go bed Drive
30. Solar remote controlled pick and place video analyzing vehicle
31. Solar automatic cell phone charger with pay system
32. Non conventional Air compressor
33. Electrical Power generation using Railway Track
34. Solar water Disalation by using Photovoltaic method
35. Solar Powered Visitor Guided with Material Handling Vehicle
36. PC based wireless solar powered vehicle
37. Wind Energy Vehicle
38. Solar air cooler with auto changeover system
39. Solar Kettle (or) Solar Parabolic Collector
40. Electrical Power Generation using steam Power Plant
41. Solar Automated Track Guided Vehicle (Solar ATGV)
42. Solar Wheel Chair for physically Disabled
43. Solar Intelligent Vehicle (car model)

44. Cell phone controlled Solar Vehicle
45. Solar Automated Guided Vehicle (Solar AGV)
46. Solar Powered Automatic Railway Gate Controller
47. Solar lighting with battery auto changeover system
48. Solar Powered Path Finding vehicle
49. Solar irrigation System
50. Solar Powered automatic Fire Fighting Robot
51. Electricity and Water Pumping System using Wind Mill
52. Solar Hybrid Car
53. Solar Agricultural Water Pumping System With Auto tracking
54. Solar Air Cooler
55. Solar Multi-Purpose Sprayer (or) Solar Seed and Fertilizer Sprayer
56. Solar Automatic Dish Washing Machine
57. Solar Lighting System
58. Electric Two Wheeler with Rechargeable Battery
59. Solar Agricultural Water Pumping System
60. Electrical Power Generation using Speed Breaker
61. Multi Functional Wind Mill
62. Hydro Power plant
63. Solar Air Cooler with Heater
64. Foot Step Power Generation System
65. Compressed air production using speed breaker
66. PC based solar E-Car
67. Solar Water cooler cum room cooling system
68. Electrical Power generation using Hydro Power Plant
69. Solar Seed Dryer with Auto tracking
70. Solar Water Heater with parabolic collector
71. Solar Water Disalation (Purification)
72. Wind Turbine Power Generation System
73. Electric two Wheeler
74. Fabrication of Solar Car
75. Horizontal Turbine Type Domestic Wind Mill
76. Solar Fan with Lighting System
77. Battery Cycle
78. Automatic Solar street light controller
79. Solar Cycle
80. Solar Powered Automatic Rain Operated Wiper
81. Solar Powered Automatic head light Dim/Bright Controller
82. Gas kit for Two Wheeler
83. Wind Mill Power Generation System
84. Water Turbine Power generation System
85. Solar Automobile air conditioner
86. Fabrication of Solar Air Dryer with Auto tracking System
87. Electrical Power Generation using Foot Steps

88. Solar Automatic Traffic and Street Light Controller
89. Solar Seed Dryer
90. PC based solar car
91. Double Effecting Solar Cooker
92. Fabrication of Solar Lighting System with Auto Tracking
93. Solar Train
94. Solar Air Dryer
95. Solar UPS
96. Solar Birds Scarer
97. Solar Air cooler With Auto tracking
98. Solar Board Cleaner
99. Solar Panel Auto tracking
100. Solar Air Cooler and Heater with Auto Tracking
101. Solar Seeds Sprayer

BIOMEDICAL BASED PROJECTS

1. Design of a Low –Power microcontroller based wireless ECG monitoring system (IEEE 2007)
2. Microcontroller Based blood pressure monitoring system
3. A portable intelligent ECG monitor based on wireless internet and embedded system technology (IEEE 2008)
4. Microcontroller Based Patient care Monitoring and Information system
5. Microcontroller based human body temperature monitoring system
6. Microcontroller based respiration monitoring system
7. Microcontroller based wireless recorder for biomedical signals (IEEE 2005)
8. Microcontroller based automatic drug injector
9. Designing wireless interfaces for patient monitoring equipment (IEEE 2005)
10. Microcontroller based centralized monitoring system for hospital
11. Microcontroller based hospital networking system
12. Microcontroller based insulin monitoring system
13. Microcontroller based electronic stethoscope
14. Microcontroller Based Automatic Blood/Glucose flow rate controller
15. Microcontroller based digital trip monitor and alarm system
16. Microcontroller based pulse rate monitoring system
17. Microcontroller based temperature and respiration monitoring system
18. Microcontroller based multi-channel temperature monitor and controlling system
19. Microcontroller based automatic patient temperature monitoring system
20. Microcontroller based ECG monitoring system through telephone
21. Microcontroller based portable computer aided drug dispenser
22. Microcontroller based temperature monitor through optical fiber cable
23. Microcontroller based heart pulse monitoring through telephone line
24. SMS based patient monitoring system
25. Microcontroller based automatic glucose flow rate controller

PLC BASED PROJECTS

1. Design and implementation of PLC based monitoring control system for induction motor (IEEE 2004)
2. PLC based automatic bottle filling System
3. Fault detection and production of induction motors using sensors (IEEE 2008)
4. PLC based automatic punching machine
5. PLC based injection Moulding machine controller
6. PLC based energy meter
7. PLC based automatic guided vehicle
8. PLC based industrial security system
9. PLC based irrigation controller for garden
10. PLC based automatic industrial drainage timer
11. PLC based automatic Multi-machine Lubrication System
12. PLC based industrial timer controller for multiple machines
13. PLC based pick and place robot
14. PLC based pressure controller
15. PLC based traffic density controller using sensor
16. PLC based fire monitor
17. PLC based temperature controller
18. PLC based speed monitor

VLSI BASED PROJECTS

1. On VLSI design of rank order filtering using DCRAM architecture (IEEE 2007)
2. A BIST circuit for DLL fault detection (IEEE 2008)
3. Low power leading zero counting and anticipation logic for high speed floating point unit (IEEE 2008)
4. Effective uses of FPGAS for brute force attack on RC4 ciphers (IEEE 2008)
5. Efficient communication between the embedded processor and the reconfigurable logic on an FPGA (IEEE 2008)
6. Hybrid type cam design for both power and performance efficiency (IEEE 2008)
7. Robust concurrent online testing of network on chip based on SOCS (IEEE 2008)
8. An accumulator based compaction scheme for online BIST of RAMS (IEEE 2008)
9. The reconfigurable instruction call array (IEEE 2008)
10. A medium-grain reconfigurable for DSP VLSI design, benchmark mapping and performance (IEEE 2008)
11. Area-efficient arithmetic expression evaluation using deeply pipelined floating-point cores (IEEE 2008)
12. FPGA implementation of scalable encryption algorithm (IEEE 2008)
13. Low power design of precomputation based content addressable memory (IEEE 2008)

14. Automatic constraint based test generation for behavioral HDL models (IEEE 2008)
15. Higher radix and redundancy factor for floating point SRT division (IEEE 2008)
16. Automatic design of reconfigurable domain-specific flexible cores (IEEE 2008)
17. Enhancement of fault injection techniques based on the modification of VHDL code (IEEE 2008)
18. Diagnosis framework for locating failed segment of path delay faults (IEEE 2008)
19. LFSR reseeding scheme achieving low power dissipation during test (IEEE 2008)
20. Registers for phase difference based logic (IEEE 2007)
21. A combined gate replacement and input vector control approach for leakage current reduction (IEEE 2006)
22. A high efficiency fully synchronous buck converter power delivery system based on finite state machine (IEEE 2006)
23. X-masking during logic BIST and impact on defect coverage (IEEE 2006)
24. New techniques for attestable fault identification in sequential circuits (IEEE 2006)
25. New and improved BIST diagnosis method combinatorial group testing theory (IEEE 2006)
26. Energy management for battery power reconfigurable computing platforms (IEEE 2006)
27. Design specific path delay testing in lookup table based FPGA (IEEE 2006)
28. Weighted pseudo-random hybrid BIST (IEEE 2004)
29. Low-power scan design using first level supply gating (IEEE 2005)
30. Optimization techniques for FPGA based wave pipelined DSP blocks (IEEE 2005)
31. A source synchronous double data rate parallel optical transceiver ic (IEEE 2005)
32. Double sampling data checking technique an online testing solution for multi source noise induced errors on chip interconnects and buses (IEEE 2004)
33. Leakage current reduction in CMOS circuit using ip vector control(IEEE 2004)
34. Improving linear test data compression (IEEE 2006)
35. Exact and heuristic approaches to input vector control for leakage power reduction (IEEE 2006)
36. Auto scan : A scan design without external scan input or output (IEEE 2005)
37. Characterization, Test and logic synthesis of Andor-Invertor (AOI)(IEEE 2005)
38. Diagnosis of logic circuits using compressed deterministic data and on chip response comparison (IEEE 2006)
39. Extraction error modeling and automated model debugging in high performance custom design(IEEE 2006)
40. Pipelined array based fir filter folding(IEEE 2005)
41. Space vector modulation using VLSI(IEEE 2002)
42. Variable run length coding for embedded progressive wavelet based image compression and decompression
43. Hardware implementation of finger printing algorithm suited for digital cinema
44. Finger printing reorganization
45. Speed Referencing for continues hot rolling mill

46. digital audio stenography
47. Multi input and multi out for wireless communication system
48. VLSI based traffic light controller
49. A general purpose cell sequencer / Scheduler for ATM switches
50. Wireless home appliances controller
51. Speed control of DC motor
52. Stepper motor controller
53. Wireless camera controller
54. Event driven simulation of VLSI circuits
55. A low-power multiplier with the spurious power suppression technique (IEEE 2007)
56. Go/no- go testing of VCO modulation RF transceivers through the delayed-RF setup(IEEE 2007)
57. A BIST TPG for low power dissipation and high fault coverage(IEEE 2007)
58. Universal VLSI based on a redundant multiple valued sequential logic operation(IEEE 2007)
59. A VHDL implementation of UART design with BIST capability(MALAYSAN JOURNAL 2006)
60. Advanced encryption slandered (AES)
61. High speed VLSI architecture for parallel reed Solomon decoder

DSP BASED PROJECTS

1. DSP based A.C voltage regulator
2. DSP Based Medical Announcement System
3. DSP based voice transmission system
4. DSP based Automatic Collision Avoider
5. DSP based Power Factor Measurement
6. DSP based multi channel control system
7. DSP based visual person identification and verification system
8. DSP based AC Motor Speed Control using PWM Techniques
9. DSP based phase noise measurement system
10. DSP based temperature controller
11. DSP based audio person identification and verification system
12. DSP Based Voice Transmission system
13. DC Motor Speed Control using PWM Technique
14. DSP Based Multi Channel Monitor
15. DSP based multi-standard sound system
16. DSP based vibration analyzer
17. DSP based speech recognition
18. DSP based image processing
19. DSP based function generator
20. DSP based voice processor

21. DSP based sound compression
22. DSP based image compression
23. DSP based modem
24. DSP based thickness analyzer
25. DSP based data acquisition
26. DSP based ECG monitor
27. DSP based D.C motor speed controlling system

PC BASED PROJECTS:-

1. PC Based pick and Place Sequence Robot
2. Remote home control through Internet
3. PC based wireless Material handling Vehicle
4. GPS Based vehicle root tracking system
5. PC based office automation
6. PC based wireless code locking system for machines
7. PC based Wireless Robot
8. Wireless controller cum internet controller for home appliances
9. Internet controlled D.C motor speed controlling system
10. PC based Solar Car
11. PC based Material handling Equipment
12. GPS based automatic vehicle accident information system
13. PC based Temperature, Voltage and Speed (T-V-S) monitoring System
14. RS 232 communication Based voltage monitoring system
15. PC-PC wireless communication using Laser Beams
16. PC based On-Load monitoring of distribution transformer tap changer using RF communication
17. Multi-Device control system using PC
18. PC based Home Automation
19. PC Based Multi-Motor control System
20. PC based wireless pick and place Robot
21. RS 232 communication based Touch screen monitoring
22. Add on cards for PCs to extend the output ports using 8255 for ISA slot
23. PC Based Moving Message Display
24. PC Based Motor Speed Monitoring System
25. PC Based industrial temperature controller
26. Programmable PC speed control of A.C Motor
27. RS232 communication Based Digital to Analog converter
28. RS232 communication Based Analog to Digital converter
29. Programmable PC speed control of D.C Motor
30. RS 232 communication Based length measurement system
31. PC based stepper motor speed control system
32. PC based different industrial parameter measuring using ADC control
33. PC based wireless multi-machine control system

34. RS 232 communication Based automatic moisture & light control system
35. PC based Auto Dialing Home Security System
36. PC based packing control machine for industrial Application
37. PC Based DC Motor Speed Controller using PWM Techniques
38. ADC add on with simulation parameters like speed, voltage, frequency, temperature and Current
39. PC based Home automation
40. Fuzzy logic based PC-PC communication through Laser Beam
41. PC based cordless pick and place Robot
42. PC based room cooling system
43. PC based Stepper motor speed control system
44. PC based Electrical appliances control System
45. PC to PC data transmission through Infrared Rays
46. PC Based 4-Axis stepper motor tracking System
47. PC based Auto feed bottle washing machine
48. PC based Automatic mono rail system
49. PC based wireless welding robot
50. RS 232 communication Based stepper motor position & angle controller
51. PC based Auto Dialing Industrial Security System

POWER ELECTRONICS BASED PROJECTS

1. Remote controlled Wheel chair cum bed
2. Intelligent Security system for apartments
3. Automatic Distance Measurement and Braking System By using Ultrasonic Waves
4. Electricity theft identifier for industrial applications
5. D.C Motor speed controlling system using IGBT control
6. Automatic Blood/Glucose flow rate controller
7. Shaft starter for three phase induction motor
8. Automatic Phase sequence indicator and controlling System
9. Electric two wheeler with rechargeable battery
10. Automatic power factor controller for industrial application
11. Video Analyzing remote controlled vacuum Cleaner
12. Remote controlled pick and place robot
13. Fuzzy logic based PC-PC communication through Laser Beam
14. Remote operated Weapon System
15. Automatic Sensor Based Magnetic Accident preventer for Train
16. Automatic Vehicle Accident Information System
17. Remote controlled Sub Marine (Model)
18. Wireless home (or) Bank security system
19. Audio Communication through fiber Optics (or) Laser Beam
20. Remote controlled Air Craft (Flying Model)

21. Foldable Electric Go Bed Drive
22. Automatic sensor based wall painting Robot
23. Industrial Power Saving and Automatic Attendance System
24. Intelligent Bank security System
25. Automatic Packing control Machine
26. Remote controlled solar vehicle
27. Car or Bus reverse Operation Navigation System by using IR Rays
28. Stepper Motor Speed Controlling System Using Cell Phone
29. Two Wheeler Automation with Security System
30. Multi-Motor Control Using Password
31. Variable speed control of Belt Conveyor
32. Vehicle Speed Measuring system using IR sensor
33. DC Motor Speed Regulation System
34. Intelligent Emergency Light
35. Remote controlled scrap collecting vehicle
36. Automatic over heat controller
37. Sensor Based Automatic steering control system for Automobile
38. Sensor Operated Accident Avoiding System for Machine
39. Cordless Home Security System
40. Multi-Channel Digital Code Locking System
41. Audio Communication Through Laser Beam
42. Automatic Moisture and Light controlling System for Garden
43. Sensor Operated Path Finding Automated Guided Vehicle
44. Closed Loop Pressure Controlling System
45. 10-Band Audio Spectrum Analyser
46. Tele Phone Answering and Home Appliance Controlling System Through Cell Phone
47. AC Motor Speed Controlling System
48. Industry Safety Control System
49. Hybrid Vehicle
50. Remote controlled Belt Conveyor
51. Digital Fuel Level Indicator
52. Switch less calling bell
53. Automatic Dish Washing Machine
54. Camera based security system
55. Remote controlled Solar Vehicle
56. Sensor Operated Auto feed Punching Machine
57. Distance Measurement Using Ultrasonic Wave
58. Automatic power failure controller
59. Automatic Telephone Answering and Recording System
60. Fully Automated Star-Delta Starter with Dry Run and Single Phasing Preventer
61. Temperature and Respiration Monitoring System
62. Telephone Line Based Audio Muting and Light ON/OFF Control System
63. Multi-Device Control System Using Frequency Modulation

64. Automatic Temperature controlled fan
65. Solar Panel Auto Tracking system
66. Automatic Wheel Chair
67. FM Based Long Range Conversation System
68. Accident avoiding System for Cutting Machine
69. Cordless Communication System for Cars (Car Security System)
70. Mobile Over Speed Sensing and controlling System
71. Refrigeration Temperature Controller
72. Battery Charger with Over charge and Deep discharge Protection
73. Accident Avoiding System for Punching Machine
74. Multi-Motor Speed Control System Using Cell Phone
75. Automatic Induction Motor Starter With Programmable Timer
76. Automatic Wheel Chair for Physically Disabled
77. Automatic Pick and place spray painting sequence robot
78. Sensor Operated Paper Counting Machine
79. Automatic Railway Ticket Dispensing Machine
80. Sensor Operated Automatic Door Open/Close Mechanism
81. Tel-Phone Line Based Generic Switching System
82. Remote Motor Star-Delta Starter with Dry run and Single Phasing Preventer
83. Digital Speed Control of D.C. Motor
84. Automatic College bell with Announcements System
85. Automatic Robot Over speed controlling system for People Zone
86. Automatic temperature controller with cooling system
87. Automatic Rain Operated Wiper
88. Automatic Electronic Filling Machine
89. Automatic railway track crack detecting Vehicle
90. Electrical Power Generation system using Railway track
91. Intelligent Way Searching Pick and Place Robot
92. Automatic Double axis welding Robot
93. Sensor Operated Material Dimension Inspection Conveyor
94. Electric Two Wheeler with Rechargeable Battery
95. Automatic Vehicle Over speed controlling system for School/College Zone
96. Pick and Place Robot With Remote Control
97. Sensor Operated Conveyor Automation
98. Remote controlled Double Axis Pick and Place Crane
99. Sensor Operated Automatic Reverse Braking System
100. Mini Robot Spray Painting System
101. Man less Defense
102. Automatic Water Tap Controlling System
103. Electronic Controller for Three Phase Motor
104. Power Line Intercom
105. Traffic and Street Light Controller
106. Gear Level Indicator
107. Motorized jib Crane

108. Remote controlled Antenna/Dish tracking System
109. Rotating Dish Antenna (Model)
110. Remote controlled Paint Spraying Robot
111. Aero plane Controlling System (Flying Model)
112. Remote Controlled Video Analyzing Robot
113. Automatic packing control machine for industrial application
114. Cell phone controlled Solar Vehicle
115. Automatic Water level Sensing Crane
116. Over speed indication and Automatic accident Avoiding System for four wheeler
117. Cell Phone Controlled Pick and Place Robot
118. Sensor Based Automatic Accident Avoiding System for Machine
119. Automatic dam shutter controlling system
120. Automatic sensor operated foot dust Vacuum cleaning Machine
121. Automatic Sensor Based Car overtaking system
122. Automatic pressure controller cum valve open/Close Arrangement
123. Automatic Dam Shutter Controlling System
124. Remote controlled gas stove On/Off with adjustment System
125. Electronic numeric keyboard cum motorized safety locking system
126. Automatic Room/Toilet perfume spray machine
127. Car or Bus reverse Operation Navigation System By Using IR Rays
128. Vehicle Speed measuring using IR Rays (Information Reader)
129. Automatic Autotransformer ON Load Tap Changer
130. Electronic Ignition System for Automobile
131. Micro-controller Based college Timer
132. Home Appliances control through Telephone remote Control
133. Horizontal Turbine Type Domestic Wind Mill
134. Wind Turbine Power Generation System
135. Intelligent Starter for Three-phase Induction Motor
136. Railways Accident Avoiding System
137. Automatic Industrial Fire Fighter
138. Wireless Speed control of D.C Motor
139. Remote Controlled Car (Model)
140. Automatic Room Light Controller
141. Sensor Based Multi-Channel Fire Alarm System
142. Digital Locking system for Two Wheeler
143. Sensor Operated Intelligent Braking System for Four Wheeler
144. Home Automation With Security System
145. Bank token Number display with Speech Facility
146. Automatic Steering Control System
147. Remote controlled Door Open/Close System
148. Car Automation With Security System
149. Automatic Railway Gate Controller
150. Multi-Device Control Through Cell Phone
151. Tripping Sequence Recorder cum Indicator

152. PC-to-PC Communication using Infrared/Laser Beam
153. Automatic Electro-Plating Coating System
154. Automatic temperature controller with Cooling System
155. Sensor Based Automated Track Guided Vehicle (ATGV)
156. Wireless speed control of Single Phase A.C Motor
157. Automatic Sensor Operated Foot Dust Cleaning Machine
158. Automatic Rain operated wiper and Head light Dim / Bright Controller
159. Automatic Motorized Gate Open / Close System
160. Electric Two Wheeler
161. Numeric Controlled door Locking System
162. Dish Antenna Motorized tracking System
163. Clap-Operated Induction Motor Speed Control System
164. Remote Controlled Electronic Code Locking System
165. Electrical Machines Power Saving System
166. Long rang radio communication system for Aircraft
167. AC Motor Speed Controlling System Using PWM Techniques
168. Automatic Home Security system for apartment
169. Wind Energy Vehicle
170. Over voltage and under voltage controller
171. Power Management System
172. PC Based DC Motor Speed Controller using PWM Techniques
173. Sensor Operated accident avoiding system for machines
174. Automatic Humidity Controller for Industrial Application
175. Automatic Solar Traffic Controlling System
176. Remote Operated Furnace Flame Controller
177. Car/two Wheeler Automatic Head light Dim / Bright Controller
178. Motorized Wall Painting Crane
179. Electronic Voting Machine

INDUSTRIAL AUTOMATION BASED PROJECTS:-

1. SMS based automatic vehicle accident information system
2. Automatic Differential unit Locking System for four wheeler
3. Automatic Distance Measurement and Braking System By using Ultrasonic Waves
4. SMS based Bomb detecting robot
5. Automatic Shot blasting machine
6. Automatic wind mill blade pitch controlling system
7. Automatic Vegetable (or) Lemon Cutting machine
8. Automatic Vehicle Over speed controlling system for School Zone
9. Remote controlled air craft (Flying Model)
10. GPS based vehicle root tracking system
11. Microcontroller Based Self centering Four-jaw Chuck
12. Automatic temperature controller with cooling system

13. Remote controlled material handling motorized crane
14. GPS based blind people path announcement system
15. Button operated electro-magnetic gear shifting system for two wheeler
16. Automatic sensor based wall painting robot
17. Auto Indexing gear cutting attachment for pneumatic shaping Machine
18. Automatic accident avoiding system for machines
19. GSM Based two wheeler security system
20. Electronic assisted hydraulic braking system
21. Remote operated weapon System
22. Automatic double axis Pneumatic JCB
23. Automatic Car Parking System for apartment Building
24. PLC based automatic Multi-machine Lubrication System
25. Electronic Fuel Injection (EFI) system for Two wheeler
26. Cell phone controlled pick and place robot
27. Automatic boring mechanism using foundries
28. SMS based automatic pneumatic Punching and riveting machine
29. Video Analyzing remote controlled vacuum Cleaner
30. Two Wheeler Automation with security System
31. SMS based automatic pneumatic punching machine
32. Automatic hand break release
33. Queries controlling system for two wheeler
34. Automatic Pneumatic Grinding Machine
35. Unaided Guided Vehicle (UGV) for blind people
36. Automatic Power Saving Conveyor for Industrial Application
37. Automatic Visitor Guided with Material Handling Vehicle
38. Automatic Break Failure and Engine Over Heating Indication
39. Sensor Based Material loading/unloading system for different section
40. Automatic rotating table with sequence operating machine
41. SMS based Automatic two wheeler locking system
42. Digital locking (Fuel, ignition, side lock) system (Password) for Two wheeler
43. Over speed indication and Automatic accident Avoiding System for four wheeler
44. Sub marine (Model)
45. Automatic grease Gun
46. Auto head-lamp Alignment system for automobile
47. Railways accident Avoiding System – (Level crossing and Fire Alarm)
48. Automatic Magnetic Accident preventer for Train
49. SMS based automatic drilling machine
50. Car or Bus reverse Operation Navigation System by using IR Rays
51. Solar automatic cell phone charger with pay system
52. Automatic car overtaking system
53. CNC Pick and place sequence operated Robot
54. Remote controlled boiler flame on/off with flame adjustment system
55. Material Dimensions Analyzing Robot
56. CNC pneumatic Auto feed punching Machine

57. PC based Automatic sheet cutting Machine
58. Sensor Based Inspection Conveyor
59. Remote controlled Video Analyzing pick and place Robot
60. Cell Phone Controlled Video Analyzing Robot
61. Automatic Vehicle Accident Information System
62. Automatic Dam shutter controlling system
63. Automatic Paint Spaying Equipment
64. Remote controlled Bomb detecting robot
65. Intelligent Braking System (IBS)
66. Emergency Braking System (EBS)
67. Anti-lock Braking System (ABS)
68. Automatic Electro hydraulic Jack
69. Automatic Pneumatic stand for two wheeler
70. Automatic Bottle Washing Machine
71. SMS controlled pick and place robot
72. Aero plane Controlling System (Flying Model)
73. PC based pneumatic bottle washing machine
74. Accident Preventer for Cutting Machine
75. Automatic Wheel Chair for physically disabled person
76. Fully Automated Intelligent Vehicle (Car Model)
77. D & F of Automatic Pneumatic Riveting Machine
78. Electro Hydraulic System for Automation in Vehicle
79. D & F of Pneumatic Auto feed Drilling Machine
80. Automatic drunken drive avoiding system for automobile
81. Intelligent active Suspension system for two wheeler
82. Automatic Packing control Machine for Industrial Application
83. Automatic Double Axis Welding Machine
84. Automatic Pneumatic Paper cup folding Machine
85. Automatic Wheel chair cum bed
86. Automatic Sky Car parking System
87. Automatic Pneumatic Reciprocating Water Pumping System
88. Sensor Based Automatic paint marking machine for sprocket Industries
89. Automatic railway track crack detecting Vehicle
90. Remote controlled tilting Wheel chair
91. Automatic Three axis hydraulic modern Trailer
92. SMS based Pick and place Robot
93. Automatic Spring End Grinding Machine
94. Automatic Pneumatic vice and jack
95. Fabrication of Automatic typical Pipe Cutting Machine
96. SMS controlled automatic pneumatic ramming machine
97. Automatic cold chamber Die Casting Machine
98. Conveyor Automation
99. Automatic Car Parking System for apartment Building
100. Intelligent active Suspension system for two wheeler

101. Automatic Packing control Machine for Industrial Application
102. Automatic Double Axis Welding Machine
103. Automatic Pneumatic Paper cup folding Machine
104. Automatic Pneumatic Reciprocating Water Pumping System
105. Automatic Visitor Guided with Material Handling Vehicle
106. Automatic Vegetable (or) Lemon Cutting machine
107. Automatic accident avoiding system for machines
108. Two Wheeler Automation with security System
109. Sensor Operated Paper Counting Machine
110. Vacuum conveyor for Industrial Application
111. Sensor Based Automatic steering control system for Automobile
112. Automatic Pneumatic Jack for four wheeler
113. Digital locking system for material handling vehicle for industrial application
114. Automatic shock absorption system for automobile
115. Automatic Spray Painting System for Industrial Application
116. Electronic Hack Saw Machine
117. Automatic electro-magnetic Clutch
118. SMS controlled Material handling robot
119. Remote controlled Vacuum Cleaning Robot
120. Automatic Scrap Collecting Vehicle
121. Automatic Fire fighting cum material handling vehicle
122. Sensor Operated Automatic vehicle accident prevention system
123. Automatic Electro-Plating Coating System
124. Sensor Based Automatic Water level Sensing Crane
125. Automatic Solar Traffic and Street Light Controller
126. Automatic Pneumatic Hammer
127. CNC pick and place crane
128. CNC Drilling Machine
129. Automatic Dish Washing Machine
130. Automatic Railways Signaling System
131. Automatic potato chips making Machine
132. Sensor Operated Power saving Foot dust cleaner
133. Automatic Steering alignment system
134. Automatic Multi-Machine Lubrication System
135. Car Automation
136. Auto Feed Multi-purpose press
137. Automatic Sensor Based Reverse Braking System
138. Automatic Pneumatic Shaping Machine
139. Fully Automated Drilling Machine
140. Intelligent Wall painting Crane
141. Sensor based auto punching conveyor Machine
142. Pneumatic high speed Hack saw Machine
143. Automatic pneumatic vulcanizing Machine
144. Pneumatic Auto feed metal Forming Machine

145. Sensor Based Automatic Track Guided Vehicle (ATGV)
146. Automatic jack
147. Sensor Operated Automatic Ramming Machine
148. Automatic Fire Fighting Robot
149. Automatic Pneumatic Bottle Washing Machine
150. Pneumatic Sticker/Label Making Machine
151. Pneumatic Slotting Machine
152. Pneumatic Machining Time Reduction in Shaper
153. Automatic Scrap collecting Vehicle
154. Automated Guided Vehicle (AGV)
155. Pneumatic reciprocating saw machine
156. Automatic Pneumatic Punching and Riveting Machine
157. Sensor Operated Track Guided Vehicle
158. Automatic Pneumatic High speed Sheet Cutting Machine
159. PC based auto feed pneumatic vice
160. Remote controlled gas stove On/Off with flame adjustment System
161. Automatic pressure controller cum valve open/Close Arrangement
162. Automatic rain operated wiper
163. Automatic Humidification system
164. Simple indexing by stepper motor in Shaping Machine
165. CNC pneumatic auto feed punching and riveting Machine
166. Pneumatic Auto gear changer
167. Automatic Hydro-pneumatic Lubrication system
168. Automatic Pneumatic Ramming Machine
169. Pneumatic Auto feed Punching Machine
170. Automatic Railway Gate Controller
171. Automatic Rain operated wiper and Head light Dim / Bright Controller
172. Automatic Electro Hydraulic Braking System
173. Highways high Speed sensing and Automatic Pneumatic braking System
174. Automatic Motorized door Open/Close Mechanism
175. Automatic Moisture and Light Controlling System for Garden
176. Automatic Water Tape Controlling System
177. Accident Avoiding System for Punching Machine
178. Automatic Steering Mechanism
179. Automatic Embossing (Die Making) Drilling Machine
180. Automatic Sensor Operated Pneumatic Braking System
181. Automatic Plate Washing Machine
182. Automatic Pneumatic Printing Press
183. Automatic Water level controller for Over head tank
184. Automatic Typical pipe Cutting Machine
185. Sensor Operated Automated Guided Vehicle
186. Automatic acrylic sheet bending machine (Heater Control)
187. Sensor Operated Fire Fighting AGV
188. Automatic Gate Open / Close System

189. Car or Bus reverse Operation Navigation System by using IR Rays
190. Automatic Water level controller for Over head tank
191. Pneumatic Auto Feed Riveting Machine
192. CNC Automatic Ramming Machine
193. Automatic Typical pipe Cutting Machine
194. Aero plane Controlling System (Glider model)
195. Automatic temperature controller with Cooling System
196. Automatic Lubrication System
197. Automatic Foot Dust vacuum Cleaning Machine
198. Automatic Packing Conveyor by using sensors

PROJECT TITLES

COMPUTER SCIENCE / INFORMATION TECHNOLOGY

DATA MINING BASED PROJECTS:-

1. Building a Multiple-Criteria Negotiation Support System
2. An Exploratory Study of Database Integration Processes
3. COFI approach for Mining Frequent Item sets
4. Online Random Shuffling of Large Database Tables
5. A Flexible Content Adaptation System Using a Rule-Based Approach
6. Efficient Revalidation of XML Documents
7. Practical Algorithms and Lower Bounds for Similarity Search in Massive Graphs
8. Enhancing the Effectiveness of Clustering with Spectra Analysis
9. Efficient Monitoring Algorithm for Fast News Alerts
10. Top-k Monitoring in Wireless Sensor Networks
11. Frequent Closed Sequence Mining without Candidate Maintenance
12. Maintaining Strong Cache Consistency for the Domain Name System
13. Efficient Skyline and Top-k Retrieval in Subspaces
14. Efficient Process of Top-k Range-Sum Queries over Multiple Streams with Minimized Global Error
15. Fast Nearest Neighbor Condensation for Large Data Sets Classification
16. Wildcard Search in Structured Peer-to-Peer Networks
17. Neural-Based Learning Classifier Systems
18. Discovering Frequent Agreement Sub trees from Phylogenetic Data
19. Watermarking Relational Databases Using Optimization-Based Techniques
20. Extracting Actionable Knowledge from Decision Trees
21. A Requirements Driven Framework for Benchmarking Semantic Web Knowledge Base Systems
22. The Threshold Algorithm: From Middleware Systems to the Relational Engine

23. Rank Aggregation for Automatic Schema Matching
24. Rule Extraction from Support Vector Machines: A Sequential Covering Approach
25. Efficient Computation of Iceberg Cubes by Bounding Aggregate Functions
26. A Note on Linear Time Algorithms for Maximum Error Histograms
27. Toward Exploratory Test-Instance-Centered Diagnosis in High-Dimensional Classification
28. An Entropy Weighting k-Means Algorithm for Subspace Clustering of High-Dimensional Sparse Data
29. A Method for Estimating the Precision of Place name Matching
30. Efficiently Querying Large XML Data Repositories: A Survey
31. Graph-Based Analysis of Human Transfer Learning Using a Game Tested
32. Evaluating Universal Quantification in XML
33. Customer Profiling & Segmentation using Data Mining Techniques
34. Efficient Frequent Item set Mining Using Global Profit Weighted (GPW) Support Threshold
35. Fast Algorithms for Frequent Item set Mining using FP-Trees
36. Mining Confident Rules without Support Requirement
37. Mining Frequent Item set without Support Threshold
38. unified framework for utility based measures
39. An Adaptation of the Vector-Space Model for Ontology-Based Information Retrieval
40. The Google Similarity Distance
41. Reverse Nearest Neighbors Search in Ad Hoc Subspaces
42. Quality-Aware Sampling and Its Applications in Incremental Data Mining
43. An Exact Data Mining Method for Finding Center Strings and All Their Instances
44. Negative Samples Analysis in Relevance Feedback
45. Bayesian Networks for Knowledge-Based Authentication
46. Continuous Nearest Neighbor Queries over Sliding Windows
47. The Concentration of Fractional Distances
48. Efficient Approximate Query Processing in Peer-to-Peer Networks
49. Ontology-Based Service Representation and Selection
50. Compressed Hierarchical Mining of Frequent Closed Patterns from Dense Data Sets
51. Semi-supervised Regression with Co-training-Style Algorithms
52. Evaluation of Clustering with Banking Credit Card segment
53. An efficient clustering algorithm for huge dimensional database
54. Novel approach for Targeted Association Querying
55. Hiding Sensitive Association Rules with Limited Side Effects
56. A Relation-Based Search Engine in Semantic Web
57. Classifier Ensembles with a Random Linear Oracle
58. An Efficient Web Page Change Detection System Based on an Optimized Hungarian Algorithm
59. Mining Nonambiguous Temporal Patterns for Interval-Based Events
60. Peer-to-Peer in Metric Space and Semantic Space

61. Adaptive Index Utilization in Memory-Resident Structural Joins
62. On Three Types of Covering-Based Rough Sets
63. Discovering Frequent Generalized Episodes When Events Persist for Different Durations
64. Efficient and Scalable Algorithms for Inferring Likely Invariants in Distributed Systems
65. Mining Closed Frequent item set using CHARM algorithm
66. Integrating Constraints and Metric Learning in Semi-Supervised Clustering
67. Foundational Approach to Mining Item set Utilities from Databases
68. Fast Frequent Pattern Mining
69. Evaluation for Mining Share Frequent item sets Containing Infrequent Subsets

IMAGE PROCESSING BASED PROJECTS:-

1. An Efficient Phase and Object Estimation Scheme for Phase-Diversity Time Series Data
2. A Recursive Model-Reduction Method for Approximate Inference in Gaussian Markov Random Fields
3. LCD Motion Blur Reduction: A Signal Processing Approach
4. A Lossless Compression Scheme for Bayer Color Filter Array Images
5. Optimal Sensor Array Configuration in Remote Image Formation
6. Image Classification Using Correlation Tensor Analysis
7. Orthogonal Rotation-Invariant Moments for Digital Image Processing
8. Generalized Flooding and Multicue PDE-Based Image Segmentation
9. Maximum Likelihood Wavelet Density Estimation With Applications to Image and Shape Matching
10. Weighted Adaptive Lifting-Based Wavelet Transform for Image Coding
11. A Run-Based Two-Scan Labeling Algorithm
12. Using Spanning Graphs for Efficient Image Registration
13. Continuous Sampling in Mutual-Information Registration
14. Universal Impulse Noise Filter Based on Genetic Programming
15. Active Learning Methods for Interactive Image Retrieval
16. Analysis and Compensation of Rolling Shutter Effect
17. Automatic Active Model Initialization via Poisson Inverse Gradient
18. FIR Filter Banks for Hexagonal Data Processing
19. Wavelet Feature Selection for Image Classification
20. Robust Control-Based Object Tracking
21. Binary Partition Trees for Object Detection
22. A Sparsity-Enforcing Method for Learning Face Features
23. A Fast Multilevel Algorithm for Wavelet-Regularized Image Restoration
24. Mode-kn Factor Analysis for Image Ensembles
25. Preferential Image Segmentation Using Trees of Shapes
26. A Shearlet Approach to Edge Analysis and Detection
27. Study on Huber Fractal Image Compression

28. Spherical Coding Algorithm for Wavelet Image Compression
29. Multiple Description Coding With Prediction Compensation
30. Signal and Image Approximation Using Interval Wavelet Transform
31. Face Verification With Balanced Thresholds
32. Optimal Signature Design for Spread-Spectrum Steganography

NETWORKS BASED PROJECTS:-

1. An Efficient Packet Scheduling Algorithm With Deadline Guarantees for Input-Queued Switches
2. Scalability of Wireless Networks
3. Class Bench: A Packet Classification Benchmark
4. Fairness and Load Balancing in Wireless LANs Using Association Control
5. Reliable Multi-path Provisioning for High-Capacity Backbone Mesh Networks
6. Limitations of Equation-Based Congestion Control
7. Performance Improvement of Two-Dimensional Packet Classification by Filter Rephrasing
8. A Queuing-Theoretic Foundation of Available Bandwidth Estimation: Single-Hop Analysis
9. Waveband Switching for Dynamic Traffic Demands in Multi-granular Optical Networks
10. Distribution of Path Durations in Mobile Ad Hoc Networks and Path Selection
11. Distributed Optimal Self-Organization in Ad Hoc Wireless Sensor Networks
12. A Unified Framework for Max-Min and Min-Max Fairness With Applications
13. On Shortest Path Representation
14. A Network Calculus With Effective Bandwidth
15. A Framework for Evaluating the Performance of Cluster Algorithms for Hierarchical Networks
16. Distributed Algorithms for Secure Multi-path Routing in Attack-Resistant Networks
17. Optimal Scheduling and Routing for Maximum Network Throughput
18. Two Techniques for Fast Computation of Constrained Shortest Paths
19. Improved Quasi-Path Restoration in Mesh Networks
20. A Geometric Approach to Improving Active Packet Loss Measurement
21. A Scalable Call Admission Control Algorithm
22. Efficient Broadcasting Using Network Coding
23. Statistical Techniques for Detecting Traffic Anomalies Through Packet Header Data
24. A Model-Based Approach to Evaluation of the Efficacy of FEC Coding in Combating Network Packet Losses
25. Faster Algorithms for Construction of Recovery Trees Enhancing QoP and QoS
26. A Wavelet-Based Approach to Detect Shared Congestion
27. Optimal Communication Complexity of Generic Multicast Key Distribution
28. Reliable Routings in Networks With Generalized Link Failure Events

29. Optimal and Distributed Protocols for Cross-Layer Design of Physical and Transport Layers in MANETs
30. Traffic Modeling and Proportional Partial Caching for Peer-to-Peer Systems
31. On Static and Dynamic Partitioning Behavior of Large-Scale P2P Networks
32. Scalability of Network-Failure Resilience: Analysis Using Multi-Layer Probabilistic Graphical Models
33. Maintaining Colored Trees for Disjoint Multi-path Routing Under Node Failures
34. High-Performance Self-Routing Algorithm for Multiprocessor Systems with Shuffle Interconnections
35. Optical Switching Networks with Minimum number of Limited Range Wavelength Converters
36. Waveband Switching for Dynamic Traffic Demands in Multi-granular Optical Networks
37. Network implementation through port numbers