

B.E/B.Tech/Diploma/M.Tech Electronics & Communication , Electrical & Electronics
Tele Communication Engineering, Instrumentation, Biomedical Engineering

IEEE PROJECTS For Synopsis Contact 9448847874

1. A Remote Home Security System Based On W S N And GSM Technology IEEE 2011
2. Automated Toll Collection With Complex Security System IEEE 2011
3. Automated Voice Based Home Navigation System For Elderly And Physically Challenged IEEE 2011
4. Bi-Dimensional Control System Through Monitoring For Obstacles Identification IEEE 2010
5. Construction Of Intelligent Greenhouse Control System Based On CAN Bus IEEE 2010
6. Design Of ARM-Based Embedded Ethernet Interface IEEE 2010
7. Design Of Nodes For The Agricultural Information Wireless Monitoring IEEE 2010
8. Design Of Ultra Low Cost Cell Phone Based Embedded System For Irrigation IEEE 2010
9. Design Of Vehicle Positioning System Based On ARM IEEE 2011
10. Designing Switching System For AC Powered Appliances Using Micro Controller IEEE 2011
11. Development Of Remote Waste Gas Monitor System IEEE 2011
12. GPS-GSM Integration For Enhancing Public Transportation Management Services IEEE 2011
13. Handicap Assistance Device For Appliance Control Using User-Defined Gestures IEEE 2011
14. Identifying Objects Using RF Transmitters And Receivers, And Retrieving Data Using GSM IEEE 2011
15. Monitoring Patients Via A Secure And Mobile Healthcare System IEEE 2010
16. Remote Control Of Smart Household Based On DTMF IEEE 2010
17. Role Of Wireless Sensor Networks In Forest Fire Prevention IEEE 2010
18. The Design Of The Scene Of The Accident Alarm System Based On ARM And GPS IEEE 2011
19. Wireless Fingerprint Attendance System Based On ZIGBEE Technology IEEE 2010
20. Wireless Sensor Network For Crop Field Monitoring. IEEE 2010
21. Wireless Temperature Monitoring System Based On The ZIGBEE Technology IEEE 2010
22. ZIGBEE-Wireless Mesh Networks For Building Automation And Control IEEE 2010

LATEST INNOVATIVE PROJECTS For Synopsis Contact 9448847874

23. 3.2" TFT LCD+TOUCH SCREEN Based Home Automation
24. A MEMS –Based Wireless Multisensory Module For Environmental Monitoring System (ZIGBEE).
25. A Predictive Controller For Autonomous Vehicle Path Tracking.
26. A Remote Home Security System Based On Wireless Sensor Network And GSM Technology
27. A Wireless Design Of Low Cost Irrigation System Using ZIGBEE Technology.
28. A ZIGBEE Wireless Sensor Network And Multi-Way Bus, Communication Medium Using CAN Bus
29. Advanced Encryption Standard [AES] Implementation For Control Of Device Using RF Technology.
30. Advanced Smart Card Based Digital Energy Meter Using AVR UC
31. Automated Vehicle Security System With ZIGBEE Keyless Entry Over CAN Network.
32. Automatic Touch Screen Based Vehicle Driving System [Robot Car] [Wireless]
33. Bluetooth Data Acquisition System Based On AVR/ARM.
34. CAN Base Dashboard Implementation For Automobiles.
35. CAN Based Collision Avoidance System For Automobiles.

36. CAN Bus, An Efficient Approach For Monitoring And Controlling Manufacturing Processes In Industries.
37. College/School Progress Report Results To Parents Mobile.
38. Collide Vehicle Information Capturing Using MEMS+GSM Modem.
39. Construction Of Intelligent Mobile Phone With GSM/GPS Enabled Feature On ARM7 LPC2148.
40. Design & Implementation Of High Resolution LCD Applications Based On LPC 2138
41. Design And Implementation Of Efficient Message Scheduling For Controller Area Network.
42. Design Of ARM-Based Embedded Ethernet Interface.
43. Design Of Intelligent Mobile Vehicle Checking System Based On ARM7
44. Design Of Intelligent TIRe Safety Pre-Alarm System Based On ARM7.
45. Design Of Sight Spot Ticket Management System Based On RFID.
46. Digital Album With TFT Touch Screen & Color LCD Display.
47. Embedded Web Server For Home Automation [Webpage].
48. Embedded Web Server For WSN [Webpage].
49. Ethernet Based Industrial Automation [Webpage].
50. GPS Based Universal Clock [UTC].
51. GPS-GSM Integration For Enhancing Public Transportation Management Services
52. Grasping Latitude And Longitude Position Inter Facing Using Global Position System.(GPS)
53. Implementation Of Can Based Digital Driving System Of A Vehicle
54. Implementation Of Location Based Advertisement System Using GPS+GLCD.
55. Implementation Of Obstacle Avoidance And ZIGBEE Control Functions For Omni DIRectional Robot.
56. Industrial Automation Using Temperature, Humidity, FIRE, Smoke& LDR Sensors Using GSM Modem Calling
57. Industrial Protection Depends Over Smoke Sensor, Temp, And LDR
58. Intelligent Traffic Management Using IR+GSM Modem.
59. LED SCROLLING DISPLAY
60. Microcontroller Based Bank Locker Security System With SMS Alert.
61. Microcontroller Based Heart Beat Monitor And Data Storage On MMC/SD Card And Send To Wireless PC Using ZIGBEE.
62. Momentum Control Of Robot Using Rivest Cipher Decoder.
63. Motion Operated Scrolling Display Using Dual Axis MEMS Accelerometer And LCD Display.
64. Multi-Stage Real Time Health Monitoring Via ZIGBEE In Smart Homes.
65. Patient Monitoring Using GSM And ZIGBEE For Hospitals And Old Age Homes.
66. PC Based Automated Manual Guided Vehicle Using Wireless Technology.
67. Prepaid Digital Energy Meter With TOUCHSCREEN+GLCD.
68. Proximity Based Collage Campus Card And Access Control System.
69. PWM Based Automobile Braking System With Distance Measurement [GP2d12]
70. Real Time 8-Channel Data Logger And Store On MMC/SD Card.
71. Real-Time Industrial Process Control Monitoring Using GSM Phone.
72. RFID Application Strategy And Deployment In Bike Renting System.
73. RFID Based Attendance System
74. RFID Based Bike Renting System

75. RFID Based School Attendance System & Parents Alert Using GSM Modem
76. Safety Auto Brake System For Hill Station Vehicle Using MEMS Sensor.
77. School Kid's Chatting Based On Touch Screen Keyboard & RF Transceiver.
78. School Kid's Chatting Based On Touch Screen Keyboard & ZIGBEE Transceiver
79. Solar Data Logger Into MMC/SD Memory Card.
80. Temperature Monitoring And Equipment Control Through Ethernet [Webpage].
81. The Electrical Ethernet Monitoring System Based On Embedded Web Server
82. Touch Screen Based Advanced Home Automation System For Next Generation Apartments
83. Touch Screen Based Wheel Chair Implementation.
84. Tracing Down The Vehicle Using GSM And Satellite Communication
85. Traffic Density Analyzer Cum Signaling System For Metro Cities.
86. Web Page Analyzer For TCP/UDP/IP/HTTP On ENC28J60 Based AVR Kit.
87. Wireless Energy Meter Monitoring System With Automatic Tariff Calculation On Handheld.
88. Wireless Heartbeat Monitoring And Alert System.
89. Wireless Heartbeat Sensor (GSM Based)
90. Wireless PC Based Multi-Patient Health Monitoring System For Corporate Hospitals.
91. Wireless Stepper Motor Controller (Radio Rx/Tx + Stepper Motor + Microcontroller)
92. Wireless Touch Screen Based Multi-Patient Health Monitoring System For Corporate Hospitals.
93. ZIGBEE And Touch Screen Controlled PC.
94. ZIGBEE Based Intelli Mobile Robot For Pick & Place Operations.
95. ZIGBEE Based Street Light Automation System WSN [Webpage].

TOUCH SCREEN BASED PROJECTS For Synopsis Contact 9448847874

96. Touch Screen Based Advanced Home Automation System For Next Generation Apartments.
97. Touch Screen Based Temperature Monitoring And Control System With Graphical LCD
98. Touch Screen Based Nurse/Attendant Calling System For Physically Impaired
99. Touch Screen Operated Liquid Dispensing System
100. Construction Of Touch Screen Based Portable Digital Clock
101. Touch Screen Controlled Motor Speed And Direction Controlling System
102. Touch Screen Based Digital Devices Control System
103. Touch Screen Controlled Lamp Dimmer For Next Generation Apartments

ZIGBEE BASED PROJECTS For Synopsis Contact 9448847874

104. A Wireless Design Of Low Cost Irrigation System Using ZIGBEE Technology.
105. File Transfer Between Data Communication Equipment Using ZIGBEE Network.
106. High Performance ZIGBEE Protocol Implementation For RF Communication.
107. Home Automation Using ZIGBEE.
108. Industrial Automation Using ZIGBEE Module.
109. PC Controlled Robot Using ZIGBEE Wireless Communication.
110. Realization Of Home Remote Control Network Based On ZIGBEE IEEE 802.15.4.
111. ZIGBEE Based Weather Monitoring System.

112. ZIGBEE Enabled Intelligent Monitoring And Control System.

113. ZIGBEE Sensor Network To Measure Seismic Activity.

BLUETOOTH BASED PROJECTS For Synopsis Contact 9448847874

114. Blue Navigator (Controlling Navigating Robot Using Bluetooth).

115. BLUETOOTH Enabled Home Automation.

116. Blue-Tooth Based Data Logger.

117. Industrial Automation By Using Bluetooth.

118. Industrial Devices Control Using Blue-Tooth Module.

MEMS SENSOR BASED PROJECTS For Synopsis Contact 9448847874

119. A MEMS- Based Wireless Multi Sensor Module For Environmental Monitoring.

120. Motion Activated Power Saving System Using MEMS Accelerometer And I2c Protocol.

121. Motion Controlled Password System For Compact Embedded System Using MEMS Sensor.

122. Motion Operated Scrolling Display Using Dual Axis MEMS Accelerometer And LCD Display.

123. Safety Auto Brake System For Hill Station Vehicle Using MEMS Sensor.

124. Thin AIR Mouse Glove.

GSM BASED PROJECTS For Synopsis Contact 9448847874

125. Data Acquisition System With GSM Modem.

126. GSM Based Advanced Security Systems.

127. GSM Based SCADA Implementation Using Microcontroller.

128. GSM Based Ticket Reservation.

129. GSM Controlled Intelligent Robot.

130. Industrial Process Control & Monitoring Using GSM

131. Password Protected GSM Based Device Control.

132. Prepaid Electricity Billing System Using GSM Mobile.

133. Secured GSM Based Automatic Water Level Warning And Auto Controlled System For Reservoir.

134. Traffic Announcement Through GSM Networks.

GPS BASED PROJECTS For Synopsis Contact 9448847874

135. Autonomous Vehicle With GPS Navigation.

136. Grasping Latitude And Longitude Position Inter Facing Using Global Position System. (GPS).

137. Implementation Of Location Based Advertisement System Using GPS & Graphical LCD.

GSM & GPS BASED PROJECTS For Synopsis Contact 9448847874

138. Embedded GPS Based Vehicle Tracking System.

139. GPS Based Highway Vehicle Monitoring System.

140. GPS Based Vehicle Tracking And Security System.

ETHERNET BASED PROJECTS For Synopsis Contact 9448847874

- 141. Design And Development Of Ethernet Interface For Industrial Applications.
- 142. Embedded Web Server For Home Automation.
- 143. Ethernet Based Data Acquisition System.

MMC BASED PROJECTS For Synopsis Contact 9448847874

- 144. MMC Card Interface To The Microcontroller Using SPI Protocol For Industrial Data Loggers.
- 145. MMC Card Interface With Atmega8.
- 146. Multi-Channel Data Storage On MMC/SD Card

AUDIO BASED MP3 PLAYER For Synopsis Contact 9448847874

- 147. MICROCONTROLLER BASED MP3 PLAYER

RFID BASED PROJECTS For Synopsis Contact 9448847874

- 148. Automated Vehicle Identification And Toll Pass System
- 149. RFID Based Access Control System.
- 150. RFID Based Animal Tracking System.
- 151. RFID Based Attendance System.
- 152. RFID Based Reservation System.

SMART CARD BASED PROJECTS For Synopsis Contact 9448847874

- 153. Development Of Smart Card Based Access Control System.
- 154. Development Of Smart Card Based Security System
- 155. Prepaid Card For Bus Fare System Using Smart Card.

FINGER PRINT BASED PROJECTS For Synopsis Contact 9448847874

- 156. Finger Print Based Office Attendance System
- 157. Finger Print Based Security System.
- 158. Finger Print Identification /Recognition Based Digital Voting System.
- 159. Finger Print Recognition Based Digital Locker Security System.
- 160. Real Time Implementation Of Finger Print Based Authentication And Controlling System Of Devices.

CAN BASED PROJECTS For Synopsis Contact 9448847874

- 161. A Can Based Distributed Control System For Autonomous All Terrain Vehicle (Atv).
- 162. Industrial Automation Using Can Protocol (Motor Speed Control Based On Temperature).
- 163. Multivariable Parameter Interfacing With CAN Bus

PIR BASED PROJECTS For Synopsis Contact 9448847874

- 164. PIR Based Energy Conservation System For Corporate Intelligent Robot.
- 165. A Multi-Agent Multi Sensor Based Real-Time Sensory Control System For Intelligent Security Robot – Sound &PIR Sensing.

166. Human Heat Radiation Based Home Security System.

167. Human Detection By Live Body Sensor.

GRAPHICAL LCD BASED PROJECTS For Synopsis Contact 9448847874

168. Image Display On Graphical LCD

169. Implementation Of Location Based Advertisement System Using GPS& Graphical LCD.

170. Oscilloscope Design Using Graphical LCD.

171. Nokia3310 Based Image Display.

RF BASED PROJECTS For Synopsis Contact 9448847874

172. Advanced Encryption Standard (AES) Implementation For Control Of Devices Using RF Technology

173. Advanced Rail Way Signaling Process By Excluding Manpower Using RF.

174. Channel RF Based Remote Control.

175. Detecting The Conditions Of Remote Areas Through Data Acquisition System Using RF Module.

176. Electronic Eye With Security System Using RF With Message Broad Casting.

177. Industrial Automation System Using RF.

178. Modern House Automation (Ac/Dc) Using RF Communication.

179. RF Control Of Induction/Dc/Stepper Motors & Other Industrial Loads.

180. SMS Transmitting Using RF Modules.

181. Wireless Data Encryption And Decryption Using RF Communication.

DATA ACQUISITION AND CONTROL For Synopsis Contact 9448847874

182. CAN Protocol Based Data Acquisition System.

183. Data Acquisition System With GSM Modem.

184. Detecting The Conditions Of Remote Areas Through Data Acquisition System Using RF Module.

185. Eight Channel Data Acquisition System (PC Interface)

186. Embedded Data Acquisition System With PC Interface

IR BASED PROJECTS For Synopsis Contact 9448847874

187. Automatic Room Light Controller With Visitor Counters (IR Sensor).

188. IR Based Distance Measurement System.

189. RC5 IR Based Remote Device Switching (IR Remote).

190. Home Automation (AC/DC) Using TV Remote.

PROTOCOL BASED PROJECTS For Synopsis Contact 9448847874

191. Access Control System Using I-Button.(1-WiRe Protocol).

192. Communicating Single Master With Many Slaves By Using Spi Protocol (Sensors)

193. Lin Protocol Implementation On 8 Bit Controllers

194. Miniature Real-Time Controller (6-Channel Outputs) With PC Inters Face And I2c Protocol.

195. Network Time Protocol For Time Synchronization In Embedded Products.

196. Rolling Code Security For Remote Controls Interface With Ps/2 Keyboard.

ROBOTIC BASED PROJECTS For Synopsis Contact 9448847874

- 197. Advanced Robotic Pick And Place Arm And Hand System
- 198. Ai Based Video Capturing And Transferring To PC Using Robot (Autonomous)
- 199. Autonomous Navigation Of RFID Sensing Robots.
- 200. Blind Stick Robot.
- 201. Bridge Follower Robot
- 202. Compact X-Bee Hand Held Unit for Robot Control.
- 203. Distance Monitoring And Object Detecting Robot By Radio Frequency Technology
- 204. GSM Controlled Intelligent Robot.
- 205. High Speed Material Transferring Robot through Remote
- 206. Line Follower Robot

PC BASED PROJECTS For Synopsis Contact 9448847874

- 207. Eight Channel Data Acquisition System (PC Interface)
- 208. PC Based Synchronizing And Speed Controlling Of Dc Motor.
- 209. PC Controlled Robot Using ZIGBEE Wireless Communication.
- 300. PC Operated Robot Using Wi-Fi
- 301. RS232 To RS485 Converters (PC Base Industrial Control Applications For Point To Point, Or Multi-Drop Networks)

IEEE 2013 EMBEDDED PROJECTS For Synopsis Contact 9448847874

- 302. Accessible Display Design to Control Home Area Networks
- 303. Smart Device for Optimal Use of Stored Renewable Power
- 304. Sensing Devices and Sensor Signal Processing for Remote Monitoring of Vital Signs in CHF Patients
- 305. An Apparatus in Monitoring the Energy Charging System
- 306. Automated Control System for Air Pollution Detection in Vehicles
- 307. Design of a WSN Platform for Long-Term Environmental Monitoring for IoT Applications
- 308. Indoor Localization on Mobile Phone Platforms Using Embedded Inertial Sensors
- 309. Low Power Wireless Sensor Network for Building Monitoring
- 310. Real-time swimmers' feedback based on smart infrared (SSIR) optical Wireless sensor
- 311. Use of Ultrasonic Signal Coding and PIR Sensors to Enhance the Sensing Reliability of an Embedded Surveillance System
- 312. Remote-Control System of High Efficiency and Intelligent Street Lighting Using a ZIGBEE Network of Devices and Sensors
- 313. Child Activity Recognition Based on Cooperative Fusion Model of a Triaxial Accelerometer and a Barometric Pressure Sensor
- 314. Design and Development of Digital PID Controller for DC Motor Drive System Using Embedded Platform for Mobile Robot
- 315. Environment monitoring and device control using ARM based EmbeddedControlled Sensor Network

316. Management of Mechanical Vibration and Temperature in Small Wind Turbines Using ZIGBEE Wireless Network.

MATLAB PROJECTS(IMAGE PROCESSING/COMMUNICATION BASED)

IEEE 2013 B.E/M.TECH FINAL YEAR PROJECTS For Synopsis Contact 9448847874

- 317. No locally Centralized Sparse Representation For Image Restoration April 2013
- 318. Sparse Representation Based Image Interpolation With Nonlocal Autoregressive Modeling April- 13
- 319. Removing Atmospheric Turbulence Via Space-Invariant De convolution January 13
- 320. SAIF-Ly Boost De noising Performance April 2013

IEEE 2012 B.E/M.TECH FINAL YEAR PROJECTS For Synopsis Contact 9448847874

- 321. Image Signature: Highlighting Sparse Salient Regions
- 322. Nonparametric Bayesian Dictionary Learning For Analysis Of Noisy And Incomplete Images
- 323. Patch-Based Near-Optimal Image De noising
- 324. Accelerated Hypothesis Generation For Multi structure Data Via Preference Analysis
- 325. BM3D Frames And Variational Image De blurring.
- 326. Re-Initialization Free Level Set Evolution Via Reaction Diffusion Dec 2012
- 327. Monogenic Binary Coding: An Efficient Local Feature Extraction Approach To Face Recognition
- 328. Monotonic Regression: A New Way For Correlating Subjective And Objective Ratings In Image Quality Research

COMMUNICATION BASED B.E/M.TECH MINI PROJECTS For Synopsis Contact 9448847874

- 329. Demonstration Of Real-Time Spectrum Sensing For Cognitive Radio
- 330. MI Estimation Of Time And Frequency Offset In OFDM Systems
- 331. Efficient Encoding Of Low-Density Parity-Check Codes
- 332. Multi-User Diversity Vs. Accurate Channel State Information In MIMO Downlink
- 333. Sum Power Iterative Water-Filling For Multi-Antenna Gaussian Broadcast Channels
- 334. On Optimal Power Control For Delay-Constrained Communication Over Fading Channels
- 336. An Improved Algorithm For Blind Reverberation Time Estimation
- 337. Fast And Accurate Sequential Floating Forward Feature Selection With the Bayes Classifier Applied To Speech Emotion Recognition
- 338. Hybrid De Algorithm With Adaptive Crossover Operator For Solving Real-World Numerical Optimization Problems

IMAGE PROCESSING B.E/M.TECH MINI PROJECTS For Synopsis Contact 9448847874

- 339. Real-Time Compressive Tracking
- 340. An Efficient Algorithm For Level Set Method Preserving Distance Function
- 341. Efficient Misalignment-Robust Representation For Real-Time Face Recognition

- 342. Robust Point Matching Revisited: A Concave Optimization Approach
- 343. Canny Edge Detection Enhancement By Scale Multiplication
- 344. Robust Object Tracking Using Joint Color-Texture Histogram
- 345. Distance Regularized Level Set Evolution And Its Application To Image Segmentation
- 346. Minimization Of Region-Scalable Fitting Energy For Image Segmentation
- 347. Motion Tracking
- 348. A Level Set Method For Image Segmentation In The Presence Of Intensity Inhomogeneities With Application To MRI

VLSI PROJECTS(VHDL/VERILOG)

IEEE PROJECTS TITLE 2012-2013 (VHDL/VERILOG) For Synopsis Contact 9448847874

- 349. A Novel Method For Fingerprint Core Point Detection
- 350. Iterative Decimal Multiplication Using Binary Arithmetic
- 360. A Novel Error-Tolerant Method In AES For Satellite Images
- 361. A Distributed Canny Edge Detector And Its Implementation On FPGA
- 362. A Novel FPGA Implementation Of Adaptive Color Image Enhancement Based On HSV Color Space
- 363. FPGA Implementation Of A Cordic-Based Radix-4 FFT Processor For Real-Time Harmonic Analyzer
- 364. Low-Power And Area-Efficient Carry Select Adder
- 365. FPGA Implementation Of Channel Estimation For MIMO-OFDM
- 366. Design And FPGA Implementation Of Modified Distributive Arithmetic Based
- 367. DWT – IDWT Processor For Image Compression
- 368. Enhancement Pupil Isolation Method In Iris Recognition
- 369. Image Encryption Based On AES Key Expansion
- 370. FPGA Based FFT Algorithm Implementation In WIMAX Communications System
- 371. A Design Of Network Remote Control System
- 372. FPGA Implementation Of Modified Architecture For Adaptive VITERBI Decoder
- 373. Image Border Management For FPGA Based Filters
- 374. An Efficient Implementation Of Floating Point Multiplier
- 375. Minutiae Extraction From Fingerprint Images – A Review
- 376. Development And Implementation Of Parameterized FPGA-Based General
- 377. Purpose Neural Networks For Online Applications
- 378. Design And Implementation Of An OFDM System For Vehicular
- 379. Communications With FPGA Technologies
- 380. Design And Characterization Of Parallel Prefix Adders Using FPGAs
- 381. Fast Double-Parallel Image Processing Based On FPGA
- 382. A Secure Field Programmable Gate Array Based System-On-Chip For Telemedicine Application
- 383. Design Of Sha-1 Algorithm Based On FPGA
- 384. Implementation Of OFDM Baseband Transmitter Compliant IEEE Std 802.16d On FPGA
- 385. FPGA-Based For Implementation Of Multi-Serials To Ethernet Gateway
- 386. An FPGA Implementation Of A Simple Lossless Data Compression Coprocessor
- 387. Adder Designs Using Reversible Logic Gates
- 389. FPGA Implementation Of Fast Block LMS Adaptive Filter Using Distributed Arithmetic For High Throughput.

IEEE PROJECTS TITLE 2013-2014 (VHDL/VERILOG) For Synopsis Contact 9448847874

390. An Image Steganography Technique using X-Box Mapping	2012
391. FPGA Implementation of high speed 8-bit Vedic multiplier using barrel shifter	2013
392. Design of Low Power TPG Using LP-LFSR	2012
393. An Implementation of AES Algorithm Based on FPGA	2012
394. Speed optimization of a FPGA based modified Viterbi Decoder	2013
395. Traffic-aware Design of a High Speed FPGA Network Intrusion Detection System	2013
396. Design and Implementation of Automated Wave-Pipelined Circuit using ASIC	2012
397. FPGA-based adaptive noise cancellation for ultrasonic NDE application	2012
398. FPGA Based Implementation of a Double Precision IEEE Floating-Point Adder	2013
399. ADPLL Design and Implementation on FPGA	2013
400. An Application Instance of FPGA in The Field of PHM	2012
401. A Moving Window Architecture for a HW/SW Co-design Based Canny Edge Detection for FPGA	2012
402. An Electrocardiogram Diagnostic System Implemented in FPGA	2012
403. Enhanced Area Efficient Architecture for 128 bit Modified CSLA	2013
404. PNOC: Implementation on Verilog for FPGA	2013
405. Real-time FPGA-based Template Matching Module for Visual Inspection Application	2012
406. High-performance Implementation of a New Hash Function on FPGA	2012
407. Improved Floating-Point Matrix Multiplier	2012
408. An area efficient multiplexer based CORDIC	2013
409. Simulation and Implementation of LDPC Code in FPGA	2013
410. Efficient Interleaver Design for MIMO-OFDM Based Communication Systems on FPGA	2012
411. A FPGA-Based Deep Packet Inspection Engine for Network Intrusion Detection System	2012
412. FPGA Implementation of 16-Point Radix-4 Complex FFT Core Using NEDA	2013
413. A High-Performance FPGA-Based Implementation of the LZSS Compression Algorithm	2012
414. Novel High Speed Vedic Mathematics Multiplier using Compressors	2013
415. FPGA Implementation of BASK-BFSK-BPSK Digital Modulators	2012
416. Area-Time Efficient Scaling-Free CORDIC Using Generalized Micro-Rotation Selection	2012
417. Implementation and Comparison of Effective Area Efficient Architectures for CSLA	2013
418. Automatic Gain Control on FPGA for Software-Defined Radios	2012
419. Design of Plural-Multiplier Based on CORDIC Algorithm for FFT Application	2012
420. VLSI Friendly ECG QRS Complex Detector for Body Sensor Networks	2012
421. Self-Programmable Multipurpose Digital Filter Design Based on FPGA	2012
422. Reliable On-Chip Network Design Using an Agent-based Management Method	2012
423. Advanced Cryptographic System for data Encryption and Decryption.	2013
424. Mapping FPGA to Field Programmable neural Network Array (Fpnna).	2012
425. Design and Implementation of Reed Solomon Decoder for 802.16 Network using FPGA	2012
426. Wavelet-Based SC-FDMA System	2012
427. An Improved VLSI Architecture of S-box for AES Encryption.	2013
428. FPGA Based Design and Implementation of Modified Viterbi Decoder for a Wi-Fi Receiver.	2013
429. VLSI Architecture for a Reconfigurable Spectrally Efficient FDM Baseband Transmitter	2012

430. Research and Implementation of Speaker Recognition Algorithm Based on FPGA	2012
431. Efficient Window-Architecture Design using Completely Scaling-Free CORDIC Pipeline	2013
432. Least Complex S-Box and Its Fault Detection for Robust Advanced Encryption Standard Algorithm	2013
433. FPGA based implementation of a fuzzy Neural network modular architecture For embedded systems	2012
434. FPGA Implementation of heterogeneous multicore platform with SMID/MIMD custom accelerators	2012
435. Design and Implementation of Adaptive filtering algorithm for Noise Cancellation in speech signal on FPGA	2012
436. A Programmable FPGA-based 8-Channel Arbitrary Waveform Generator for Medical Ultrasound Research Activities	2012
437. FPGA Implementation of Pipelined CORDIC Based Quadrature Direct Digital Synthesizer with Improved SFDR	2013
438. FPGA based Area optimized and efficient Architecture for NMS and Thresholding used for Canny Edge Detector	2013
439. FPGA-based reconfigurable control for fault tolerant back-to-back converter without redundancy	2012