

Sl. No	Topic	Field
1	Body Temperature and Electrocardiogram Monitoring Using an SMS Based Telemedicine System	I E E 2 0 0 9
2	Global System for Location and Guidance of Disabled People: Indoor and Outdoor technologies integration	
3	Activity Monitoring System using Dynamic Time Warping for the Elderly and Disabled Persons.	
4	Enhancing User Experience at Museums using Smart Phones with RFID	
5	An RFID-based System for Emergency Health Care Services (SIMOPAC)	
6	Design of Sight Spot Ticket Management System Based on RFID	
7	A Remote Compact Sensor for the Real-Time Monitoring of Human Heartbeat and Respiration Rate	
8	Implementation of Obstacle avoidance and Zigbee Control functions for Omni Directional Robot	
9	An Internet-Based Interactive Embedded Data-Acquisition System for Real-Time Applications	
10	Multi-lead Analysis of T-wave Alternans in the ECG using Principal Component Analysis	
11	Evaluation and Modeling of user Performance for Pointing and Scrolling Tasks on Handheld Devices Using Tilt Sensor	
12	Travel time prediction under heterogeneous traffic conditions using global positioning system data from buses	
13	The application of a wireless application protocol in Petrochemical Industry Field	
14	A Low-cost Extendable Framework for Embedded Smart Car Security System	
15	Performance Analyser of Distribution System using Wireless Sensor Network	
16	An On-line Monitoring System of Temperature of Conductors' and Fittings Based on GSM SMS and Zigbee	
17	Predicting Subcutaneous Glucose Concentration in Humans: Data-Driven Modeling	
18	Preventing Automotive Pileup Crashes in Mixed-Communication Environments	
19	Multivariate Short-Term Traffic Flow Forecasting Using Time Series Analysis	
20	Conflict-Probability-Estimation-Based Overtaking for Intelligent Vehicles	
21	A Smart Car Control Model for Brake Comfort Based on Car Following	
22	A Predictive Controller for Autonomous Vehicle Path Tracking	
23	High Performance Overdrive using Improved Motion Adaptive Codec in LCD	
24	Research on Embedded Data Display Unit Based on CAN Bus	
25	A Wireless Data Acquisition and Transmission System Design	
26	E-Voting System Security Optimization	
27	A wireless design of low-cost irrigation system using Zigbee technology	
28	Providing Group Tour Guide by RFIDs and Wireless Sensor Networks	
29	dynamic Integration of Zigbee Home Networks into Home Gateway using OSGI Service Registry	
30	Designing and Implementing an Intelligent Bluetooth-Enabled Robot Car	
31	Accuracy of Ultrasound Measurements for Skull Bone Thickness Using Coded Signals	
32	Dynamic Supervision and broadcast System for optimal driving through GPS based Wireless Helmet	

33	An integrated solution of Ultrasonic Obstacle Avoidance and Blind Navigation System using RFID for Indoor Environments	Cellular Technology : GSM GPS GPRS CDMA WAP
34	A Versatile Highway Mishap Positioning System and Bio Parametric Identification techniques using Nano ID and Global Position Modems. (HMPS)	
35	An Intellectual GSM Network Security Design for Mobile Short Message Hacking and Identity Retrieval System	
36	ARM7TDMI Design for Object Tracking and Positioning using GPS	
37	The Aiding of MEMS INS/GPS Integration Using Artificial Intelligence for Land Vehicle Navigation	
38	An Integrated Traffic Assistance System for wireless Signal Status Intimation and Robust Time and Speed Management using GPS and Radio Transmission	
39	Vehicle Gaseous Fuel Leakage Detection with Automatic Safety warning & alerting system Using GSM	
40	Real time implementation of peek to peek network source for improved railway controller application programming using GSM call devices (Mobile).	
41	An Effectual Design of Random Binary Secure Code Generative Automobile Authentication System using Low Power Embedded Gadgets and Radio Frequency	
42	An automatic collision detection and acceleration control using multi zone transmission and reception through RF technology and GSM communications.	
43	A Third Generation Design for the Automation of Inter-Networked Banking and Teller Machine Operations using Universal Subscriber Identification Modules	
44	Intelligent System for Hazardous Gas, Human Detection and Temperature Monitor Control Using GSM Technology.	
45	Design of Intelligent Mobile Theft Monitoring System Based on GSM Communication	
46	Advanced Automatic vehicle hurtle Notification using GSM Technology	
47	A Prototypic Design Approach for Automotive Telematics On-board Unit Platform(ATOP) Using ARM Powered NFC (Near Field Communication)Technology	
48	Intelligent Smart Stick with Alert Based on GSM and Ultrasonic.	
49	Real Time Implementation of Library Management and survey counting System using RFID and GSM Technology.	
50	Robot Tele-operation System Based on General Packet Radio System	
51	Design and Implementation of Mobile based electrical appliances control for Industrial Automation with High Security.	
52	Detection Of Train Collision And Location Using GPS And Send SMS Through GSM To A Mobile.	
53	Shortest Path Finding Using GPS Based Navigation System In Critical Situation.	
54	An Adaptive Hands-Free Design Technique for Mobile Communication Systems	
55	GPS vehicle theft identification and tracking and control system.	
56	Wireless Serial Data Synchronization Methodology for Secure Money Teller Machine Transaction System using Configurable Embedded Designs	
57	GPRS based System for Atmospheric Pollution Monitoring and Automatic Warning through messaging protocols	

58	A Portable System for Indoor Mechanization and Video Surveillance through Remote Embedded Gadgets powered by Wireless Packet Transmitters	
59	A prototypic enhancement of Active Wireless Detection Based Vehicle Pilfering Control System using GPRS and WAP technology	
60	Intra-network Energy Invoice Billing System and Circuit Break Mechanism using GSM Networks	
61	Emulation of Nodal Power transmission pilfering and tamper Detection Using Embedded System architecture.	
62	Smar(T)rash: An Optimized trash collection techniques using advanced Zigbee Mesh Networking Systems	Unwired: Bluetooth RFID iButton IEEE 802.15.4
63	Self-Authorization techniques for Land Mine Safety Designs using Low-Power Tamper Free Sensor Networks	
64	A Prototypic Implementation of Sustainable Drainage System for Clearance and Level Monitoring through Intelligent Zigbee Mesh Networks	
65	Remote-Controllable and Climate Adaptive Energy-Saving Room Architecture based on Zigbee Communication	
66	Human Fall Protection System using Wearable Airbags and MEMS Accelerometer	
67	A Blueprint Design for Elephant Incursion Prevention over Railway Lines through Fuzzy controlled Pressure Sensor and Active Radio Networks	
68	Multi Channel Analog Capacitive Touch Screen Sensing and Control for Industrial Robotic Realization Environments	
69	A 3-channel analog capacitive Touch Screen sensitive design for optimal Wireless Mouse Movement	
70	Implementation of a decentralized control algorithm embedded within a wireless active sensor	
71	Applicability of Zigbee to condition monitoring of electric motors	
72	BRIMON: An IEEE 802.15.4 Powered Sensor Network System For Railway Bridge Monitoring and Tamper Identification.	
73	A Blind Curve Head-On Impact Forestalling System using Adaptive Cruise Cornering Control Mechanism and Wireless Navigation Setup.	
74	The science of secrecy with hiding techniques for vignere cipher text algorithm using Zigbee Technology	
75	An RFID based Solution for Real Time Patient Surveillance and data Processing Bio-Metric System	
76	Design of wireless network using Radio Frequency Navigation focusing the modernization of real world technology for the physically challenged people.	
77	Consumer Application Prototypic Realization of Superstore Trolley Cart Display and Wireless Point Of Sale Equipment using advanced Embedded Systems	
78	Automatic Travel Acknowledgement Receipt Generation System Using Active RF identification.	
79	A Proposal for Design of Hybrid Multi-Functional Implantable Biochip Using Bio-Intelligent Expert System.	
80	An Intensive Proposal for Half Duplex Multi-Layer Encrypted Wireless Communication System in Defense Shadowing Designs	
81	Automated traffic control system having an interactive Emergency Vehicle Warning System.	
82	Tri-Axis Motion Detection using MEMS for Unwired Mouse Navigation System in the Future Generation Machines	
83	An Airport Security System for a hierarchical trespassing using advanced RFID techniques.	
84	PC based Automated Manual Guided Vehicles Using Wireless Technology.	
85	Wireless Based Railway Bridge Damage Notification with Alarm Systems.	

86	Multi-purpose alive radiation detection robot in LOS Environment using tunable PIR sensors.	IEEE 802.15.4
87	Prototype of Wireless based Railway Station Indication and Coach Status Information and Control System.	
88	A Correlative Resource Management Technique for positioning and Plotting over a Local Authorized Network using Low Power Zigbee Multipoint Modules	
89	RFID Tags for Tracking Patients Charts and Medical Equipment Within an Integrated Health Delivery Network	
90	The Design of Structural Substantial Multi-Stage Weapon Sharing and Authenticated Defense Protocol System using Encrypted Radio Transmissions	
91	Operator interface for direction and speed control using an intelligent robot based on voice detection System.	
92	A Proposal for Prime Time Optimal Road Routing in Automobile Traffic and Transportation with Advanced Radio Wave Data Streaming	
93	The Design Portal of a Wireless Linked Naval Substation for International Boundary Scanning and Surveillance System	
94	Building a Remote Supervisory Control Network System for Smart Home applications using Zigbee.	
95	File Transfer between Data Communication Equipment Using Zigbee Networks.	
96	Advanced Encryption Standard (AES) Implementation for Control of Devices Using RF Technology.	
97	A design of unmanned alerting system for road traffic management through wireless networking techniques.	
98	Voter Credentials System Using RF-ID Technique.	
99	Design and Implementation of a multiplex parking system and toll collection based on time management techniques for Identifying the Parking Violation	
100	A regression-based predictive model of student attendance by implementing Wireless Technology.	Unwired: Bluetooth RFID iButton
101	Real Time Passenger Information System (RTPIS) Using Zigbee Technology.	
102	A Personal Identification Methodology for Automobile Precautions and Number Plate Recognition using Radio ID Transmissions.	
103	Remote Power On/Off Control and Current Measurement for Home Electric Outlets Based on a Low-Power Embedded Board and Zigbee Communication	
104	Break-Out-Box Design Implementation for the transmission of Synchronous CAN Data Streams for Motion Control in Automobiles	
105	Advanced Finger Print Recognition Criminal Identification System for Inter-connected Highway Patrol using WAN	
106	SCADA configuration and control modes implementation on an experimental water supply canal using advanced Microcontrollers	
107	Controller Area Networks And The Protocol For Machine Control Systems	
108	Miniaturized Wireless Radio Transmission controlled Strain Piezoelectric Sensor Networks for the realization of Power Managed Energy Harvesting Systems	
109	Intelligent monitoring of robotic systems with PIC microcontrollers and a petri-net based approach	
110	Controller area network Domotic prototype using gprs and ethernet interfaces for virtual monitoring applications	
111	Dependability evaluation of fault tolerant distributed industrial control systems	
112	DISCO – Distributed Embeddable Systems for Control Applications	
113	Optimization of the operation of an air-conditioning system by means of a distributed control system	
114	A Fixed Area Network Design for e-Catering Services using Custom Programmable Display Screens and Wireless Repeater Units	CAN USB2.0 Ethernet SPI I2C

115	Pulse Width Modulation (PWM) Based Speed Control of Motors using advanced embedded firmware.	I2C 1-Wire SSP SPI Ethernet USB2.0 CAN
116	Real Time Implementation of Finger Print Based Authentication And Controlling System Of Devices.	
117	Motion Operated scrolling display using dual axis MEMS accelerometer and LCD.	
118	A Predestined multi axes Defense Aeronautic System using MEMS For a prototypic Free Fall Detection phenomenon.	
119	Real time Implementation of Bio-Pad Finger print recognition based attendance maintenance System.	
120	Elegant Telephone Design –a Concept to integrate the services of Telephone Voice and web browser using Microcontroller Ring Detection Units.	
121	Implementation of Traffic Control System through intensity measurement using Embedded System.	
122	A preemptive susceptible Design for Dozy Driving Detection System through Opto-Muscular Pulse Detection and Alcohol Sensors	
123	Microcontroller Implementation of a Voice Command Recognition System for Human-Machine Interface in Embedded Systems.	
124	Artificial Vision System for the Blind using Ultra Sonic Wave transmission reception techniques.	
125	Networking and Inter Networking with Microcontroller Interface for on Protocol Implementation of Robotic Control.	
126	Protected Data Communication with Security Alert using Wireless Body Area Network.	
127	Design and Implementation of Voice based electrical appliances Control for Industrial Automation with high security.	
128	Design and prototype Implementation of Multi storage Vehicle car parking system using Infrared with PIC Microcontroller.	
129	A CAN based Distributed Control System for Autonomous All-Terrain Vehicle(ATV)	CAN
130	Real-time distributed control system for navigating Omni directional soccer robot	
131	Verification of On-Line Vehicle Collision Avoidance Warning System using DSRC	
132	Pre-Determination of Land Sliding and Vibration Detection using Wireless Active Sensor Networks for Tunnel Passage Transportation	
133	Technology development and implementation for power distribution automation system	
134	A Prototype for Multi-Voice Independent Speech Recognition Synthesizer for Visually Challenged People	
135	Development of Road Lighting Intelligent Control System Based on Wireless Network	
136	The Integration of Embedded Technology and Mobile Data Stream Processing for Biological Parametric Analysis and Intimation System	
137	Inter Integrated Circuit (I2C Bus) Protocol Implementation of Real Time Clock and 1-Wire Digital Technologies	
138	Development of Zigbee based Street Light Control System using I2C RTC protocols	
139	Distributed Agent Control with Self-Localizing Wireless Image Sensor Networks using ARM Powered Controllers and IEEE 802.15.4	
140	A wireless network system for automated tracking of construction materials on project sites	
141	A MEMS-based wireless multisensor module for environmental monitoring	
142	A review of wireless sensor technologies and applications in agriculture and food industry: state of the art and current trends	
143	School Zone safety system for parked Vehicle Detection and Speed Deceleration based on Wireless Sensor Network	

144	A Periodic Analysis and Monitoring of Human Physical Parameters Through a Locally Shared Network (LAN) for Bio-Medical Applications.	Networking : WAN LAN CAN Zigbee Wireless Sensor Network
145	A systematical charting of Power Plant Monitoring and Control System by Implementing SCADA	
146	Multi-Stage Real Time Health Monitoring via Zigbee in Smart Homes	
147	Embedded Widget Design implementation of TCP/IP Micro Stack for Real-Time Industrial Constraints Monitoring and Control	
148	Design of Hardware lock for Software Developers to prevent piracy of Software through Local Area Network Routes	
149	An Electrolytic Conductivity Sensing Design of Smart Automatic Windscreen Wiper Control System Using CAN Protocol	
150	Hospital Area Network for Multiple ECG Signal Acquisition over High Speed CAN	
151	Automated Vehicle Security System with Zigbee Keyless Entry Over CAN Network	
152	An innovative implementation of CAN Protocol and Reconfigurable Computing Technology for Web-Based Smart House Automation	
153	Wireless Automation of unmanned Railway Crossing Gate Alert System using temper proof Vibration Sensor Networks and Zigbee	
154	Device integration of can controller, data converters, and ISP non-volatile memory facilitates	
155	An Extrinsic Portable Patrol Scanning System for detection of Illicit Automobile Parameter Tracking by the implementation of TCP/IP Stack in Embedded Designs	
156	Implementation of remote MMI for controlling and monitoring unmanned distribution substation in MEA'S distribution system	
157	An intelligent Multi-Medium RF Identification Sensor for Property and Asset Management Applications	
158	A hybrid CAN-TCP/IP data-acquisition network for research on stingless bees	
159	Automatic Wide Area Power Meter Reading and Anti-Tamper Detection System Using Zigbee Mesh Nodes and GSM Network.	
160	Design of a wireless sensor for scalable distributed in-network computation in a structural health monitoring system	
161	Distributed Sensor For Steering Wheel Grip Force Measurement In Driver Fatigue Detection	
162	A Wireless Sensor Network Communication Model For Automation of Electric Power Distribution	
163	Ubiquitous computing: object tracking and monitoring in construction processes utilizing Zigbee™ networks	
164	An automated implementation of Green House Monitoring System using XBee Wireless Sensor Networks and Embedded Control Modules	
165	Development of a Zigbee-based wireless sensor network node for automatic data acquisition and Data Stream transfer Mechanism	
166	Measurement and control systems with smart sensor and actuators in industrial LAN environment using Advanced Calibration Processors	
167	A Proposal for Heterogeneous Wireless Sensor Networks in a Tele-Monitoring System for Homecare and Surveillance Issues	
168	Wireless sensor networks for off-shore oil and gas installations	
169	Bridge local scour monitoring system using MEMS sensor Zigbee network	
170	Design of a water environment monitoring system based on wireless sensor networks	
171	A novel medical infusion monitoring system based on Zigbee wireless sensor network	
172	Application of wireless sensor networks with GIS on the soil moisture distribution mapping	

173	Zigbee sensor network for structural health monitoring	Unplugged Technologies : LabView Embedded OS UCOS-II	
174	Preliminary Infrastructure Development for Greenhouse Accounting of Malaysian Rainforest Using Wireless Sensor Network		
175	A Design Porting of UCOS-II Kernel in ARM Powered Microcontrollers for the implementation of Multi-tasking and Time Scheduling		
176	A Dynamic Time Slice Setup on Multi-thread Priority Application Task Design Framework Of UCOS-II		
177	Simulated Implementation of a PID controller for Virtual Instrumentation process control in Labview		
178	Supervisory Control and Data Acquisition monitoring and Graphical Simulation using Labview		
179	Power Monitoring and Switching control designs using Labview		
180	Labview based Authentication and Tracking System using Embedded RFID Designs		
181	Rash Driving and GPS based locating Systems in labview		
182	Boiler Automation and Control using Labview		
183	An advanced Vehicle dash board design using Labview		
184	A Real time Industrial Parameter graphical plotting and Task Scheduling using ARM Powered LPC2148 and UCOS-II Kernel		
185	Voice based Elevator Movement and Display Control technique using Real Time Operating System (RTX51)		
186	Web based Epitome Design of a bio-metric Micro RF Tags for The Physical Recognition of Persons Using Real time OS (RTX51).		
187	Implementation of Tsunami Alert System Using an UCOS RTOS.		
188	A Virtual Realization of I2C Peripherals and ARM Powered Controllers Interfacing by overlaying UCOS-II Kernel		
189	Research of Traffic Signal Light Intelligent Control System Based on Microcontroller		I E E E 2 0 0 8
190	Design and Implementation of Control Mechanism for Standby Power Reduction		
191	Design of monitoring system for coal mine safety based on wireless sensor network		
192	An Zigbee remainder system for mobile data transfer in airports		
193	An Application of detection function for the eye blinking detection		
194	Bluetooth Enabled Mobile Phone Remote Control for PC		
195	WAITER: A Wearable Personal Healthcare and Emergency Aid System		
196	Analysis, Design and Control of a Transcutaneous Power Regulator for Artificial Hearts		
197	Using Domain Specific Question Answering Technique for Automatic Railways Inquiry on Mobile Phones		
198	Spatial Auditory Interface for an Embedded Communication Device in a Car		
199	A Scalable and Efficient Approach for Obtaining Measurements in CAN-Based Control System		
200	Speaking Monuments-Design and Implementation of an RFID based Blind Friendly Environments		
201	A Roadside ITS Data Bus Prototype for Intelligent Highways		
202	A New High-Frequency Surface Acoustic Wave Sensor for Humidity Measurement		
203	A Stationary System of Non-Contact Temperature Measurement and Hot Box Detecting		
204	A Mobile Agent for Measurements in Distributed Power Electronics System		

205	Remote Sensing and Control of an Irrigation System Using a Distributed Wireless Sensor Network	IEEE 2008	
206	Automatic Testing System Based on Labview for DC Motor of Portable Washing Machine		
207	Current Situation of Digitalized Ship Navigation System for Safety		
208	The Application of ARM and Zigbee Technology Wireless Networks in Monitoring Mine Safety System		
209	Zigbee Device Access Control and Reliable Data Transmission in Zigbee based Health Monitoring System		
210	An advanced Embedded Mobile Web Server for Aged People Monitoring and parameter back reception using GSM technologies		
211	A boundary scan methodology through embedded web servers and Mobile RFID Tracking System for the surveillance and mapping of motion subjects		
212	Robust and Efficient Password-Authenticated Key Agreement Using Smart Cards for Campus Management		
213	Group Elevator Scheduling With Advance Information for Normal and Emergency Modes in Building Management Systems		
214	Models for Bearing Damage Detection in Induction Motors Using Stator Current Monitoring		
215	The Electronic Passport and The Future Government-Issued RFID-Based Identification		
216	A RFID-based Material Tracking Information System		
217	Optimal Integrated Operation Strategy for Highway Toll collection System With Wireless Technology and Dynamic Toll Allocation System		
218	Live Radiation Detector Rover for Rescue Operations using Low Power Zigbee Networks and Wireless Image Sense Transmission		
219	An internal Location-Based System for Mobile Devices Using RFID.		
220	Automated System for Surgical Instruments and Spongy Tracking		
221	A design of a prototypic Hand-Talk: Assistive Technology for the Dumb		IEEE 2007
222	Wireless Sensitive Forced Emergency Location Transmitter (FELT) for Unsafe Crash Aviation Landing		
223	Designing a PH Data Acquisition & Logging Device Using an Inexpensive Microcontroller		
224	A Remote Measurement and Control System for Green House Based on GSM-SMS		
225	A High Speed, Low-cost and Secure Implementation Based on Embedded Ethernet for SCADA System		
226	Enhanced Spatial Resolution of Person Detection in a PIR based Surveillance Network		
227	Application of GPRS Techniques for Wide-Area Power Quality Monitoring		
228	A Zigbee Network Multi-channel Heart Rate Monitoring System for Exercising Rehabilitation Patients		
229	Development of Reliability Test Guidelines for Micro Electro Mechanical Systems (MEMS) in Military Applications		
230	An Black Box Alert System for Crash Recovery and Prediction using MEMS		
231	Wireless Radio Frequency based Intelligent Traffic System for Emergency vehicle and optimal routing for conventional vehicles		
232	Wireless Automation Using Low Power Embedded Web-Servers		
233	The Wireless Sensor Network for Home-Care System Using Zigbee		
234	Design and Control of the Stewart Platform Robot		
235	Vision-Based Fuzzy 8051 Surveillance Systems Design		

236	Friendly Home Automation System Using Cell Phone	IEEE 2007
237	Wireless-LAN Based Distributed Digital Lighting System for Digital Home	
238	Design and Development of a Wireless Remote Point-of-Care Patient Monitoring System	
239	Develop a Multiple Interface Based Fire Fighting Robot	
240	Optimal Integrated Operation Strategy for highway Toll collection System With Wireless Technology	
241	Automatic Power Meter Reading System Using GSM Network	
242	Realization of Home Remote control Network based on Zigbee 802.15.4.	
243	An Implementation of Reversing radar system based on CAN bus	
244	A Secure Web-based framework for electronic System Level Design by Minimization of functionality and Implementation of Low-power Embedded Web Server	
245	An Interactive Voice Response System (IVRS) for automation of Industrial Process.	
246	A Mobile Phone-Enhanced Remote Surveillance System with Electric Power Appliance Control and Network Camera Homing	
247	Enhancing Medication Safety and Healthcare for Inpatients Using RFID	
248	Design and Development of a Wireless Remote Point-of-Care Patient Monitoring System	
249	Advanced Roll Solidity Control for Heavy Motor Trucks using CAN and MEMS Sensors	
250	Application and Accomplishment of CAN Bus Technology in Industry Real Time Data Communication Systems	
251	Radio Frequency Identification (RFID) Based Conference Registration System	