

IEEE EMBEDDED PROJECTS 2013-2014 TITLES

S.NO	PROJECT CODE	IEEE 2013 TITLES	DOMAIN	LANG/YEAR
1	IIAEM0001	Adaptive Traffic Light Pre-emption for Emergency Vehicles using Low Power ZigBee Network	EMBEDDED	2013
2	IIAEM0002	Intelligent Solar tracking system using PIC Controller	EMBEDDED	2013
3	IIAEM0003	Unmanned Railway Crossing Gate Alert System using ZigBee	EMBEDDED	2013
4	IIAEM0004	Wireless DC Buck Converter using ZigBee Remote Control System	EMBEDDED	2013
5	IIAEM0005	Biomedical Signal Acquisition(ECG, Heart Rate) using ZigBee	EMBEDDED	2013
6	IIAEM0006	Wireless Wheel Speed Control using Zigbee Remote Control System	EMBEDDED	2013
7	IIAEM0007	Authentication And Access Control System For Security Personnel Using RFID	EMBEDDED	2013
8	IIAEM0008	Abnormal Heart Rate Detection and Alert System using GSM	EMBEDDED	2013
9	IIAEM0009	Building automation system using GSM	EMBEDDED	2013
10	IIAEM0010	Defence camp security system using GSM	EMBEDDED	2013
11	IIAEM0011	Anti Theft System for Electronic Equipments using Inertial MEMS Sensor and ZigBee	EMBEDDED	2013
12	IIAEM0012	Digital Combination Lock For Security Applications	EMBEDDED	2013
13	IIAEM0013	PC based home appliance control system	EMBEDDED	2013
14	IIAEM0014	Radio-Controlled Surveillance System For border	EMBEDDED	2013
15	IIAEM0015	Secured Surveillance System for Intruder Motion Detection	EMBEDDED	2013
16	IIAEM0016	Smart Room Controller using Human Presence Detector	EMBEDDED	2013
17	IIAEM0017	Wireless Automation in Defence Camp Security System	EMBEDDED	2013
18	IIAEM0018	Wireless Precision Stepper motor control using RF 433 MHz	EMBEDDED	2013

19	IIAEM0019	Distributed Sensor for Steering Wheel Grip Force Measurement in fatigue detection	EMBEDDED	2013
20	IIAEM0020	Wireless Self Powered Irrigation System using Zigbee	EMBEDDED	2013
21	IIAEM0021	Smart dust Network for Tactical Border Surveillance System to Detect, Classify and Track Enemy Intrusion	EMBEDDED	2013
22	IIAEM0022	ZigBee File Transmission using Stream Cipher Cryptography	EMBEDDED	2013
23	IIAEM0023	ZigBee Surveillance Vehicle with Robotic Arm and Integrated Wireless Camera	EMBEDDED	2013
24	IIAEM0024	Adaptive cruise control system using ultra sonic based distance sensor	EMBEDDED	2013
25	IIAEM0025	Modern home automation using RFID	EMBEDDED	2013
26	IIAEM0026	Microclimate Controlled Irrigation System for Rural Farmers using GSM	EMBEDDED	2013
27	IIAEM0027	Boundary Alert System for Fishermen using GPS	EMBEDDED	2013
28	IIAEM0028	Wireless Gas Leakage Monitoring in Industrial Chimneys	EMBEDDED	2013
29	IIAEM0029	Intelligent Car Security System	EMBEDDED	2013
30	IIAEM0030	People Flow Monitoring and Power Saving using Floor Pressure Sensor	EMBEDDED	2013
31	IIAEM0031	Implementation of Fire Safety Monitoring System using GSM	EMBEDDED	2013
32	IIAEM0032	Distributed Sensor for Steering Wheel Grip Force Measurement in fatigue detection	EMBEDDED	2013
33	IIAEM0033	Green House Monitoring System	EMBEDDED	2013
34	IIAEM0034	Zone Based Firewall to Control Vehicle Speed	EMBEDDED	2013
35	IIAEM0035	Wireless Electronic Notice Board using GSM	EMBEDDED	2013
36	IIAEM0036	Electricity Theft Prevention System at Distribution Sides	EMBEDDED	2013
37	IIAEM0037	Scrolling Advertisement Display with Easy Message Changing Feature	EMBEDDED	2013
38	IIAEM0038	Paperless E-Cash Management System By Using An RFID Technology	EMBEDDED	2013

39	IIAEM0039	Authorized home appliances control based RFID	EMBEDDED	2013
40	IIAEM0040	Zigbee based attendance alert system	EMBEDDED	2013
		with person details by using RFID technology		
41	IIAEM0041	Intelligent fleet management	EMBEDDED	2013
42	IIAEM0042	Security Integrated system based on wireless access protocol for industrial applications with SMS	EMBEDDED	2013
43	IIAEM0043	Remote notice board implementation using gsm communication	EMBEDDED	2013
44	IIAEM0044	Remote home security system based on WSN and GSM technology	EMBEDDED	2013
45	IIAEM0045	Remote Weather Monitoring Station Design Using Zigbee	EMBEDDED	2013
46	IIAEM0046	Safety of Valuable Items Using Zigbee And Mems Sensor	EMBEDDED	2013
47	IIAEM0047	Examination room guide using RFID for the jumbling system based Exams	EMBEDDED	2013
48	IIAEM0048	The Application Of Wireless Sensor Network Design Based On Zigbee In Petrochemical Industry Field	EMBEDDED	2013
49	IIAEM0049	RFID based remote parent care (RFID & GSM)	EMBEDDED	2013
50	IIAEM0050	Design of auto-guard system based on rfid and network	EMBEDDED	2013
51	IIAEM0051	An Embedded system and RFID solution for transport related issues	EMBEDDED	2013
52	IIAEM0052	Advanced smart card based digital energy meter using PIC microcontroller	EMBEDDED	2013
53	IIAEM0053	Robust and efficient password-authenticated key agreement using smart cards for campus management	EMBEDDED	2013
54	IIAEM0054	Smart Card Based Access Control	EMBEDDED	2013
55	IIAEM0055	RFID based automatic Bus Ticketing system	EMBEDDED	2013
56	IIAEM0056	An Intelligent Mobile Robot Navigation Technique Using RF Technology	EMBEDDED	2013
57	IIAEM0057	RFID based student no dues status checking and paying system and displaying	EMBEDDED	2013

58	IIAEM0058	Biomedical Signals Monitoring Based in Mobile Computing	EMBEDDED	2013
59	IIAEM0059	Electronic Medical Record for Effective Patient Monitoring Database	EMBEDDED	2013
60	IIAEM0060	Biomedical Signals Monitoring Based in Mobile Computing	EMBEDDED	2013
61	IIAEM0061	Multi-Robots Communication System	EMBEDDED	2013
		Based On multi node wireless Zigbee Network		
62	IIAEM0062	Metal Detection Robot Control Using Zigbee wireless Technology	EMBEDDED	2013
63	IIAEM0063	A robot motion authoring using finger-robot interaction	EMBEDDED	2013
64	IIAEM0064	Intelligent Spy Robot using zigbee	EMBEDDED	2013
65	IIAEM0065	PC controlled SPY Robot Using Wireless webcam	EMBEDDED	2013
66	IIAEM0066	PC controlled pick and place robot	EMBEDDED	2013
67	IIAEM0067	Application of Radio Frequency Controlled Intelligent Military Robot in Defense	EMBEDDED	2013
68	IIAEM0068	Intelligent train tracking system	EMBEDDED	2013
69	IIAEM0069	Design of Monitoring System for Coal Mine Safety Based on Wireless Sensor Network	EMBEDDED	2013
70	IIAEM0070	Secured Wireless Communication for Industrial Automation and Control	EMBEDDED	2013
71	IIAEM0071	PIC based Automatic Traffic Signal Controlling System	EMBEDDED	2013
72	IIAEM0072	Greenhouse monitoring and controlling system using PIC controller	EMBEDDED	2013
73	IIAEM0073	Automatic room light controller with visitor counter using PIC controller	EMBEDDED	2013
74	IIAEM0074	Password Based Door Locking System using PIC controller	EMBEDDED	2013
75	IIAEM0075	Density based intelligent traffic light controller using PIC controller	EMBEDDED	2013
76	IIAEM0076	Coin based mobile phone charger for multiple phones	EMBEDDED	2013
77	IIAEM0077	Design and Implementation of PYRO-electric Infrared Sensor based Security System	EMBEDDED	2013

78	IIAEM0078	Monitoring And Alarming System Based On Zigbee Technolgy	EMBEDDED	2013
79	IIAEM0079	Solar Highway Lighting System with Auto Turn Off On Day Time with LCD Display	EMBEDDED	2013
80	IIAEM0080	Human Recognition Using RFID Technology and Stereo Vision	EMBEDDED	2013

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