

SUCCESS TECHNOLOGIES

(Live Projects & Academic Courses)

S.No	Embedded Main Projects List	IEEE
1	ETHERNET ENABLED DIGITAL I/O CONTROL IN EMBEDDED SYSTEMS	IEEE
2	A RELIABLE TRANSMISSION PROTOCOL FOR ZIGBEE-BASED WIRELESS PATIENT MONITORING	IEEE
3	THE APPLICATION OF WIRELESS SENSOR NETWORK TECHNOLOGY IN EARTHQUAKE DISASTER	IEEE
4	DESIGN OF REMOTE INTELLIGENT HOME SYSTEM ON ZIGBEE AND GPRS	IEEE
5	DIGITALLY GREENHOUSE MONITORING AND CONTROLLING OF SYSTEM	IEEE
6	EMBEDDED PATIENT MONITORING SYSTEM	IEEE
7	WEARABLE WIRELESS SENSOR NETWORK FOR HUMAN LIMBS MOTION	IEEE
8	DESIGN OF MONITORING AND MANAGEMENT SYSTEM OF TOURIST ATTRACTIONS BASED ON RFID TECHNOLOGY	IEEE
9	IMPLEMENTATION OF LOGISTICS MANAGEMENT SYSTEM BASED ON WIRELESS TECHNOLOGIES	IEEE
10	A WIRELESS SURVEILLANCE AND SAFETY SYSTEM FOR MINE WORKERS BASED ON ZIGBEE	IEEE
11	MICROCONTROLLER BASED ANTI-THEFT SECURITY SYSTEM USING GSM NETWORKS WITH TEXT MESSAGE AS FEEDBACK	IEEE
12	A SECURED AUTHENTICATION SYSTEM USING FINGERPRINT AND IRIS	IEEE
13	A LOW-COST HAND GESTURE HUMAN-COMPUTER INTERACTION SYSTEM	IEEE
14	ULTRASONIC SPECTACLES AND WAIST-BELT FOR VISUALLY IMPAIRED AND BLIND PERSON	IEEE
15	AN INDOOR NAVIGATION APPROACH TO AID THE PHYSICALLY DISABLED PEOPLE	IEEE
16	DESIGN OF INTELLIGENT HOME APPLIANCE CONTROL SYSTEM BASED ON ARM AND ZIGBEE	IEEE
17	DEVELOPING AN INTELLIGENT E-RESTAURANT WITH A MENU RECOMMENDER FOR CUSTOMER-CENTRIC SERVICE	IEEE
18	LOW-COST. HIGH-ACCURACY, STATE ESTIMATION FOR VEHICLE COLLISION PREVENTION SYSTEM	IEEE
19	INTELLIGENT CARS USING RFID TECHNOLOGY	IEEE
20	DESIGN OF A GSM/GPRS-BASED MOBILE PATIENT-CARE SYSTEM	IEEE

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21	RECOGNITION TECHNIQUE FOR ATM BASED ON IRIS TECHNOLOGY	IEEE
22	VEHICLE ACCIDENT AUTOMATIC DETECTION AND REMOTE ALARM DEVICE	IEEE
23	THE APPLICATION OF STOLEN RADIOACTIVE SOURCE TRACKING SYSTEM BASED ON INTERNET OF THINGS TECHNOLOGY	IEEE
24	GPRS-BASED DISTRIBUTED HOME-MONITORING USING INTERNET-BASED GEOGRAPHICAL INFORMATION SYSTEM	IEEE
25	THE TEMPERATURE HUMIDITY MONITORING SYSTEM OF SOIL BASED ON WIRELESS SENSOR NETWORKS	IEEE
26	SYSTEM FOR MONITORING AND FALL DETECTION OF PATIENTS USING MOBILE 3-AXIS ACCELEROMETERS SENSORS	IEEE
27	RESEARCH ON ALARM SYSTEM OF RAILWAY CROSSING BASED ON GPS AND GSM/GPRS	IEEE
28	A SCHEME FOR THE APPLICATION OF SMART MESSAGE LANGUAGE IN A WIRELESS METER READING SYSTEM	IEEE
29	REMOTE WIRELESS AUTOMATIC METER READING SYSTEM BASED ON GSM/GPRS	IEEE
30	RFID AND ZIGBEE BASED MANUFACTURING MONITORING SYSTEM	IEEE
31	THE REMOTE CONTROL OF MOBILE ROBOT BASED ON EMBEDDED TECHNOLOGY	IEEE
32	ANTI THEFT CONTROL SYSTEM DESIGN USING EMBEDDED SYSTEM	IEEE
33	THE DESIGN AND IMPLEMENTATION OF INTELLIGENT CAMPUS SECURITY TRACKING SYSTEM BASED ON RFID AND ZIGBEE	IEEE
34	DESIGN A KIND OF FAMILY EMBEDDED HEALTH CARE SYSTEM	IEEE
35	ANTI-THEFT TRACKING SYSTEM FOR AUTOMOBILES (AUTO GSM)	IEEE
36	HAZARDOUS GAS DETECTING METHOD APPLIED IN COAL MINE DETECTION ROBOT	IEEE
37	DESIGN OF VEHICLE POSITIONING SYSTEM BASED ON ARM	IEEE
38	BIDIRECTIONAL MEDICATION SUPPORT SYSTEM FOR MEDICAL STAFF AND HOME CARE PATIENTS	IEEE
39	DESIGN OF AUTO-GUARD SYSTEM BASED ON RFID AND NETWORK	IEEE
40	SECURED WIRELESS COMMUNICATION FOR INDUSTRIAL AUTOMATION AND CONTROL	IEEE
41	THE DESIGN OF THE SCENE OF THE ACCIDENT ALARM SYSTEM BASED ON ARM AND GPS	IEEE

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42	AN RFID-BASED REMINDER SYSTEM FOR SMART HOME	IEEE
43	DESIGN AND IMPLEMENTATION OF PYROELECTRIC INFRARED SENSOR BASED SECURITY SYSTEM USING MICROCONTROLLER	IEEE
44	DESIGN OF MONITOR-AND-CONTROL SYSTEM FOR SUPERMARKET FRESH AREA BASED ON ZIGBEE	IEEE
45	THE RESEARCH ON ZIGBEE-BASED MINE SAFETY MONITORING SYSTEM	IEEE
46	DIGITAL CONTROL FOR HOME LIGHTING SYSTEMS WITH ZIGBEE COMMUNICATION	IEEE
47	GREEN HOME ENERGY MANAGEMENT SYSTEM THROUGH COMPARISON OF ENERGY USAGE BETWEEN THE SAME KINDS OF HOME APPLIANCES	IEEE
48	THE DESIGN AND IMPLEMENTATION OF ID AUTHENTICATION SYSTEM BASED ON FINGERPRINT IDENTIFICATION	IEEE
49	REAL TIME PADDY CROP FIELD MONITORING USING ZIGBEE NETWORK	IEEE
50	SIMULATION OF EARTHQUAKES AND TSUNAMI THROUGH GSM NETWORK	IEEE
51	GSM BASED MOTORCYCLE SECURITY SYSTEM	IEEE
52	A PARKING GUIDANCE AND INFORMATION SYSTEM BASED ON WIRELESS SENSOR NETWORK	IEEE
53	WIRELESS COMMUNICATION TECHNOLOGY IN FAMILY HEALTH MONITORING SYSTEM	IEEE
54	DEVELOPMENT ON GAS LEAK DETECTION AND LOCATION SYSTEM BASED ON WIRELESS SENSOR NETWORKS	IEEE
55	DEVELOPMENT OF MP3 PLAYER WITH GESTURE CONTROL BASED ON MMA7260(7660) ACCELEROMETER	IEEE
56	MONITORING AND ALARMING SYSTEM BASED ON ZIGBEE TECHNOLOGY	IEEE
57	DESIGN AND DEVELOPMENT OF A HAND-GLOVE CONTROLLED WHEEL CHAIR	IEEE
58	REAL TIME SMS-BASED HASHING SCHEME FOR SECURING FINANCIAL TRANSACTIONS ON ATM SYSTEMS	IEEE
59	DEVELOPING ZIGBEE DEPLOYMENT GUIDELINE UNDER WIFI INTERFERENCE FOR SMART GRID APPLICATIONS	IEEE

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EMBEDDED MAIN PROJECTS LIST

Satellite & Mobile Communication	
1	Design Of Vehicle Positioning System Based On Arm.
2	Design and Implementation of Pyro electric Infrared Sensor Based Security System Using Microcontroller.
3	Anti Theft Control System Design Using Embedded system.
4	Real-Time Atomization Of Agricultural Environment For Social Modernization Of Indian Agricultural System
5	Automatic Power Meter Reading Using GSM Network.
6	Mobile Monitoring System For Smart Home
7	GSM Based Advertising Display System Using
RFID-Smart Card-Touch panel Based Projects	
8	Design And Implementation On The Intelligent Management System Of Garage in the Community Based on ZIGBEE
9	RFID And ZIGBEE Based Manufacturing Monitoring.
10	The Design And Implementation Of Intelligent Campus Security Tracking System Based on RFID & ZIGBEE.
11	Design Of Smart Nodes For RFID Wireless Sensor Networks.
12	Large Scale Active RFID System Utilizing ZIGBEE Networks.
13	Vehicle Tax Pay And Access System.
14	Fiscal Access Control System Using Smartcard.
15	Modern Security System For Fiscal Transaction.
16	Elegant Library Management System Using RFID.
17	Remote Parent Care (RFID & GSM).
18	Palpatation Panel Based Automation.
19	Palpatation Screen Based Driving System.
COMMUNICATION BASED PROJECTS	
20	A Parking Guidance and Information System based on Wireless Sensor Networks.
21	The Temperature Humidity Monitoring System Of Soil Based On Wireless Sensor Networks.
22	A Scheme For The Application Of Smart Message Language In A Wireless Meter Reading System.
23	Design Of Monitor-And-Control System For Super Market Fresh Area Based On ZIGBEE.
24	Green Home Energy Management System Through Comparison Of Energy Usage Between The Same Kind Of Home Appliances
25	Review Of Sensors For Greenhouse Climate Monitoring.

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26	The Design Of Total Station Handhold Device Based On Arm7
27	A Remote Home Security System Based On Wireless Sensor Network And GSM Technology.
28	Wireless Handheld Ordering Terminal Based On Embedded System.
29	Design And Implementation Of Embedded Indoor Intelligent Temperature Control System.
30	Remote Monitoring Of Building Structural Integrity By A Smart Wireless Sensor Network.
31	Wireless Security Control System & Sensor Network For Smoke & Fire Detection.
32	Design Of Monitoring System for Coal Mine Safety System Using Wireless Sensor Network.
33	Remote Power On/Off Control And Current Measurement For Home Electric Outlets Based On Low Power Embedded Boards And ZIGBEE Communications.
34	ZIGBEE Device Access Control And Reliable Data Transmission In ZIGBEE Based Health Monitoring System.
35	Role Of Wireless Sensor Networks In Forest Fire Prevention.
36	Development On Gas Leak Detection And Location System Based On Wireless Sensor Network.
37	A ZIGBEE Based Smart Sensing Platform For Monitoring Environmental Parameters.
38	Design And Implementation Of The Lab Remote Monitoring System Based On Embedded Technology.
39	Zigbee Based Intelligent Helmet For Coal Miners.
40	Wireless Sensor Node To Detect Hazardous Gas Pipeline Leakage.
41	Secured Wireless Communication For Industrial Automation And Control.
42	Real Time Paddy Crop Field Monitoring System Using ZIGBEE Network.
43	Monitoring And Alarming System Based On Zigbee Technology.
44	Design Of Sensor Modules Of Active & Intelligent Energy Saving System.
45	Design Of Sphygmus Data Acquisition Platform Based On Wireless Sensor Technique.
46	Innovative Congestion Control System For Ambulance Using ZIGBEE.
47	Real Time Pantry Information System Using ZIGBEE.
48	Development Of An ES For Secure Wireless Data Communication.
	Gesture Recognition- Gyroscope Based Projects
49	Simulation Of Earthquakes And Tsunami Through GSM Network.
50	System For Monitoring And Fall Detection Of Patients Using Mobile 3-Axis Accelerometers Sensors.
51	Increasing Safety Of Bomb Disposal Missions- A Body Sensor Network Approach.
52	Embedded Real-Time Damage Detection & Identification Algorithm In Wireless Health Monitoring System For Smart Structures.
53	Body Motion Information Collection Platform Design Based On ARM7.
54	Motion Operated Scrolling Display For LED PANEL Using MEMS Accelerometer.

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55	Accelerometer Based Gesture Recognition For Wheel Chair Direction Control.
ROBOTICS BASED PROJECTS	
56	The Remote Control Of Mobile Robot Based On Embedded Technology.
57	Micrcontroller Based Automation Of Variable Electronic Speed Governer.
58	An Embedded System And RFID Solution For Transport Related Issues.
59	Handheld Multi Parameter Monitoring And Analysis System.
60	Wireless Endorsed Operated Robot.
61	FingerPrint Based Physical Access Control Vehicle Immobilizer.
62	Obstacle Detection And Avoidance Robot Using Ultrasonic Detector.
Biometric- Finger print Based Projects	
63	Design Of A Gsm Based Mobile Patient-Care System.
64	Wireless Communication Technology In Family Health Monitoring System.
65	Patient Vital Signs Monitoring Using Wireless Body Area Network.
66	Wireless Fingerprint Attendance System Based On Zigbee Technology.
67	Design And Application Of Mobile Embedded Systems For Home Care Applications.
68	Wireless Health Monitoring &Tracking System For Patients.
69	A Remote Sleep-Monitoring Medical Alarm System.
70	Design Of A Wireless Medical Monitoring System.
71	ATM Terminal Design Based On Fingure Print Recognition.
72	Bio Metric Authentication System For Foyer Accessing.
73	Development Of Anti Rigging Voting System Using Biometrics.
WEBSERVER-ETHERNET-CAN BASED PROJECTS	
74	Embedded Websrver For Wireless Sensor Networks.
75	Ethernet Enabled Digital Input Output In Embedded System.
76	Web-Based Student Attendance System Using RFID Technology.
77	The Common Data Acquisition System Based On Arm7.
78	CAN Based Accident Avoidance System Using LPC2129.
79	A Multichannel Temperature Acquisition System Based On Arm 7-LPC2129.
80	Advance Security Interface For Vehicle With CAN Protocol Implementation For Inter ECU Communication.
81	Design And Implementation Of Multi CAN Network For Automotive Communication Protocol.

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Anroid Based Projects(BLUE TOOTH)	
82	Android Meets LED Bulbs In Smart-Home Automation.
83	Bluetooth Based Data logger For Industrial Automation.
84	Bluetooth Chatting On Android.
85	ROBO movement controlling using Android.
Microcontroller AT89S51-52 BASED PROJECTS	
86	A Remote Measurement And Control System For Greenhouse Based On GSM - SMS .
87	GSM Based Wireless Home Appliances Monitoring & Control System.
88	GSM Based Distribution Transformer Monitoring System.
89	Automated System For Fault Analysis In Industries Using GSM .
90	A Remote Measurement And Control System For Greenhouse Based On GSM -SMS.
91	GSM Based Wireless Home Appliances Monitoring & Control System.
92	GSM Based Distribution Transformer Monitoring System.
93	Automated System For Fault Analysis In Industries Using GSM .
94	Advanced Digital EM With Rejuvenate And Alert System.
95	A Wireless Data Acquisition And Transmission System Design.
96	Energy Management With ZIGBEE Sensor Network.
97	ZIGBEE Wireless Vehicular Identification And Authentication System.
98	Monitering And Controlling OF Requirements For Cultivation.
99	Wireless Meter For Consumer Utility.
100	E -Cash Pay Off For Fuel Station.
101	E-Assortment Validation Check For Pharmaceuticals.
102	Access Check For Smart Money Carry.
103	Authentication And Access Control System For Device Using Smart Card.

NOTE :

- We can implement any own ideas of students

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