

IEEE EMBEDDED PROJECTS LIST

S.NO	TITLES	YEAR
1	A CYBER-PHYSICAL SYSTEM FOR ENVIRONMENTAL MONITORING	2016
2	AN INTEGRATED CLOUD-BASED SMART HOME MANAGEMENT SYSTEM WITH COMMUNITY HIERARCHY	2016
3	AUTONOMOUS GAS DETECTION AND MAPPING WITH UNMANNED AERIAL VEHICLES	2016
4	CHARACTERIZATION OF AN UNDERWATER POSITIONING SYSTEM BASED ON GPS SURFACE NODES	2016
5	CO-GPS ENERGY EFFICIENT GPS SENSING WITH CLOUD OFFLOADING	2016
6	CLASSIFYING A PERSON'S DEGREE OF ACCESSIBILITY FROM NATURAL BODY LANGUAGE DURING SOCIAL HUMAN-ROBOT INTERACTIONS	2016
7	EMBEDDED CONTROL SYSTEM FOR SMART WALKING ASSISTANCE DEVICE	2016
8	ENHANCED FINGERPRINTING AND TRAJECTORY PREDICTION FOR IOT LOCALIZATION IN SMART BUILDINGS	2016
9	FACE RECOGNITION AND SPOOFING DETECTION SYSTEM ADAPTED TO VISUALLY-IMPAIRED PEOPLE	2016
10	HIGH-PRECISION VEHICLE NAVIGATION IN URBAN ENVIRONMENTS USING AN MEM'S IMU AND SINGLE-FREQUENCY GPS RECEIVER	2016
11	MEASUREMENT SYSTEM WITH ACCELEROMETER INTEGRATED RFID TAG FOR INFRASTRUCTURE HEALTH MONITORING	2016
12	NON-INTRUSIVE PLANNING THE ROADSIDE INFRASTRUCTURE FOR VEHICULAR NETWORKS	2016
13	NONLINEAR COORDINATED STEERING AND BRAKING CONTROL OF VISION-BASED AUTONOMOUS VEHICLES IN EMERGENCY OBSTACLE AVOIDANCE	2016
14	PREFETCHING-BASED DATA DISSEMINATION IN VEHICULAR CLOUD SYSTEMS	2016
15	SIZING AND ANALYSIS OF RENEWABLE ENERGY AND BATTERY SYSTEMS IN RESIDENTIAL MICROGRIDS	2016
16	SMART CONFIGURATION OF SMART ENVIRONMENTS	2016

IEEE EMBEDDED PROJECTS LIST

17	SMART ELECTRICITY METER DATA INTELLIGENCE FOR FUTURE ENERGY SYSTEMS A SURVEY	2016
18	TEACH ME-SHOW ME"—END-USER PERSONALIZATION OF A SMART HOME AND COMPANION ROBOT	2016
19	TOWARD A WEARABLE RFID SYSTEM FOR REAL-TIME ACTIVITY RECOGNITION USING RADIO PATTERNS	2016
20	VEHICLE-ASSISTED DEVICE-TO-DEVICE DATA DELIVERY FOR SMART GRID	2016
21	A TIME SYNCHRONIZATION TECHNIQUE FOR COAP-BASED HOME AUTOMATION SYSTEMS	2016
22	AN INTEGRATED CLOUD-BASED SMART HOME MANAGEMENT SYSTEM WITH COMMUNITY HIERARCHY	2016
23	REAL-TIME GLOBAL LOCALIZATION OF ROBOTIC CARS IN LANE LEVEL VIA LANE MARKING DETECTION AND SHAPE REGISTRATION	2016
24	AUTONOMOUS WEARABLE SYSTEM FOR VITAL SIGNS MEASUREMENT WITH ENERGY-HARVESTING MODULE	2016
25	GENERATION OF A PRECISE AND EFFICIENT LANE-LEVEL ROAD MAP FOR INTELLIGENT VEHICLE SYSTEMS	2016
26	POINT-N-PRESS:AN INTELLIGENT UNIVERSAL REMOTE CONTROL SYSTEM FOR HOME APPLIANCES	2016
27	AN AUTONOMOUS WIRELESS SENSOR NODE WITH ASYNCHRONOUS ECG MONITORING IN 0.18 M CMOS	2016
28	A PROPOSED WIRELESS SYSTEM TO REAL TIME MONITORING IN POWER TRANSFORMER	2016
29	A RULE-BASED SERVICE CUSTOMIZATION STRATEGY FOR SMART HOME CONTEXT-AWARE AUTOMATION	2016
30	ELECTRONIC VISITS IN PRIMARY CARE: MODELING, ANALYSIS, AND SCHEDULING POLICIES	2016
31	WATER LEVEL METER FOR ALERTING POPULATION ABOUT FLOODS	2016

IEEE EMBEDDED PROJECTS LIST

32	SMART REAL TIME HEALTHCARE MONITORING AND TRACKING SYSTEM USING GSM GPS TECHNOLOGIES	2016
33	SELF-CONFIGURATION AND SMART BINDING CONTROL ON IOT APPLICATIONS	2016
34	MANAGING CONTINGENCIES IN SMART GRIDS VIA THE INTERNET OF THINGS	2016
35	LOW-POWER WEARABLE ECG MONITORING SYSTEM FOR MULTIPLE-PATIENT REMOTE MONITORING	2016
36	IOT BASED SMART HEALTHCARE KIT	2016
37	EFFECTIVE WAYS TO USE INTERNET OF THINGS IN THE FIELD OF MEDICAL AND SMART HEALTH CARE	2016
38	BSN-CARE A SECURE IOT-BASED MODERN HEALTHCARE SYSTEM USING BODY SENSOR NETWORK	2016
39	A SMART SWITCH TO CONNECT AND DISCONNECT ELECTRICAL DEVICES AT HOME BY USING INTERNET	2016
40	A CONCEPTUAL FRAMEWORK FOR IOT-BASED HEALTHCARE SYSTEM USING CLOUD COMPUTING	2016
41	A SMART HELMET FOR AIR QUALITY AND HAZARDOUS EVENT DETECTION FOR THE MINING INDUSTRY	2016
42	COEXISTENCE OF ZIGBEE-BASED WBAN AND WIFI FOR HEALTH TELEMONTORING SYSTEMS	2016
43	CONFIGURABLE ZIGBEE-BASED CONTROL SYSTEM FOR PEOPLE WITH MULTIPLE DISABILITIES IN SMART HOMES	2016
44	FACE RECOGNITION IN THE SCRAMBLED DOMAIN VIA SALIENCE AWARE ENSEMBLES OF MANY KERNELS	2016
45	ZIGBEE NETWORK SYSTEM FOR OBSERVING OPERATING ACTIVITIES OF WORK	2016

IEEE EMBEDDED PROJECTS LIST

	VEHICLES	
46	THE DESIGN OF BUILDING FIRE MONITORING SYSTEM BASED ON ZIGBEE-WIFI NETWORKS	2016
47	REAL-TIME PATIENT HEALTH MONITORING AND ALARMING USING WIRELESS-SENSOR-NETWORK	2016
48	DEEP REPRESENTATIONS FOR IRIS, FACE, AND FINGERPRINT SPOOFING DETECTION	2015
49	HOME APPLIANCE LOAD MODELING FROM AGGREGATED SMART METER DATA	2015
50	OPTIMAL ENERGY MANAGEMENT OF GREENHOUSES IN SMART GRIDS	2015
51	WSN BASED SMART SENSORS AND ACTUATOR FOR POWER MANAGEMENT IN INTELLIGENT BUILDINGS	2015
52	LAST-METER SMART GRID EMBEDDED IN AN INTERNET-OF-THINGS PLATFORM	2015
53	TRAFFIC SIGNAL PHASE AND TIMING ESTIMATION FROM LOW-FREQUENCY TRANSIT BUS DATA	2015
54	ZIGBEE BASED COMMUNICATION SYSTEM FOR DATA TRANSFER WITHIN FUTURE MICRO GRIDS	2015
55	ENERGY EFFICIENT ETHERNET FOR REAL-TIME INDUSTRIAL NETWORKS	2015
56	A SECURE BIOMETRICS-BASED MULTI-SERVER AUTHENTICATION PROTOCOL USING SMART CARDS	2015
57	DRIVER GAZE TRACKING AND EYES OFF THE ROAD DETECTION SYSTEM	2015
58	OPTIMIZING DATA FORWARDING FROM BODY AREA NETWORKS IN THE PRESE	2015
59	PERFORMANCE EVALUATION OF GNSS FOR TRAIN LOCALIZATION	2015
60	PRE FETCHING-BASED DATA DISSEMINATION IN VEHICULAR CLOUD SYSTEMS	2015
61	A WIRELESS TRACKING SYSTEM FOR AT-HOME MEDICAL EQUIPMENT DURING NATURAL DISASTERS	2015
62	A PORTABLE ELECTRONIC SYSTEM FOR HEALTH MONITORING OF ELDERLY PEOPLE	2015

IEEE EMBEDDED PROJECTS LIST

63	PORTABLE CAMERA-BASED ASSISTIVE TEXT AND PRODUCT LABEL READING FROM HAND-HELD OBJECTS FOR BLIND PERSONS	2014
64	A RECONFIGURABLE SMART SENSOR INTERFACE FOR INDUSTRIAL WSN IN IOT ENVIRONMENT	2014
65	INTERNET OF VEHICLES FROM INTELLIGENT GRID TO AUTONOMOUS CARS AND VEHICULAR	2014
66	AUTOMATED IRRIGATION SYSTEM USING A WIRELESS SENSOR NETWORK AND GPRS MODULE	2014
67	PORTABLE ROADSIDE SENSORS FOR VEHICLE COUNTING, CLASSIFICATION, AND SPEED MEASUREMENT	2014
68	EMBEDDED HUMAN CONTROL OF ROBOTS USING MYOELECTRIC INTERFACES	2014
69	MULTI-CORE EMBEDDED WIRELESS SENSOR NETWORKS: ARCHITECTURE AND APPLICATIONS	2014
70	A CONFIGURABLE AND LOW-POWER MIXED SIGNAL SOC FOR PORTABLE ECG MONITORING APPLICATIONS	2014
71	AN ENHANCED FALL DETECTION SYSTEM FOR ELDERLY PERSON MONITORING USING CONSUMER HOME NETWORKS	2014
72	SENSOR FUSION-BASED VACANT PARKING SLOT DETECTION AND TRACKING	2014
73	AN INTEGRATED SYSTEM FOR REGIONAL ENVIRONMENTAL MONITORING AND MANAGEMENT BASED ON INTERNET OF THINGS	2014
74	ACCESSIBLE DISPLAY DESIGN TO CONTROL HOME AREA NETWORKS	2013
75	THE NEW APPROACH TO RFID ASSISTED NAVIGATION SYSTEMS FOR VANETS	2013
76	HARDWARE DEMONSTRATION OF A HOME ENERGY MANAGEMENT SYSTEM FOR DEMAND RESPONSE APPLICATIONS	2013
77	BUILDING LIGHTING AUTOMATION THROUGH THE INTEGRATION OF DALI WITH WIRELESS SENSOR NETWORKS	2013
78	LOCATION-AWARE AND SAFER CARDS ENHANCING RFID SECURITY AND PRIVACY VIA LOCATION SENSING	2013

IEEE EMBEDDED PROJECTS LIST



79	SMART HOST MICROCONTROLLER FOR OPTIMAL BATTERY USAGE	2013
80	SENSING DEVICES AND SENSOR SIGNAL PROCESSING FOR REMOTE MONITORING	2013