

## IEEE PROJECTS ON EMBEDDED SYSTEMS

S.NO	PROJECT TITLES	IEEE
1	EMACS: Design And Implementation Of Indoor Environment Monitoring And Control System	2017
2	VOT-EL: Three Tier Secured State Of The Art EVM Design Using Pragmatic Fingerprint Detection Annexed With NFC Enabled Voter -ID Card	2017
3	CABA: Continuous Authentication Based On BioAura	2017
4	Developing Fish Feeder System Using Raspberry Pi	2017
5	Design Of An Energy Efficient IoT Enabled Smart System Based On DALI Network Over MQTT Protocol	2017
6	Design Of A Solar Power Electronic Voting Machine	2017
7	Intelligent Pillbox: Automatic And Programmable Assistive Technology Device	2017
8	Reconfigurable Smart Water Quality Monitoring System In IoT Environment	2017
9	A Wireless IoT System Towards Gait Detection In Stroke Patients	2017
10	Micro Service Based IoT For Smart Buildings	2017
11	IoT Based Smart Home Appliances By Using Cloud Intelligent Tetris Switch	2017
12	An IoT Based Remote HRV Monitoring System For Hypertensive Patients	2017
13	Vehicle Seat Vacancy Identification Using Image Processing Technique	2017
14	A Wireless Continuous Patient Monitoring System For Dengue: Wi-Mon	2017
15	A Privacy Preserving Pay By Phone Parking System	2017
16	Smart Crossing System Using IoT	2017
17	Embedded Video Processing On Raspberry Pi	2017
18	Design And Implementation Of A Fingerprint Based Lock System For Shared Access	2017
19	Lightweight Mashup Middleware For Coal Mine Safety Monitoring And Control Automation	2017
20	A Real Time Flood Alert System For Parking Lots	2017
21	Multiple Motion Control System Of Robotic Car Based On IOT To Produce Cloud Service	2017
22	Electronic Visits In Primary Care: Modeling, Analysis, And Scheduling Policies	2017
23	Embedded Control System For Smart Walking Assistance Device	2017

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24	Challenges And Opportunities Of Waste Management In IoT Enabled Smart Cities: A Survey	2017
25	Private And Secured Medical Data Transmission And Analysis For Wireless Sensing Healthcare System	2017
26	Body And Fall Detection System With Heart Rate Monitoring	2017
27	Advance Automatic Toll Collection & Vehicle Detection During Collision Using RFID	2017
28	Design And Development Of Personal Assistive Device For Elderly	2017
29	RFID Based Attendance Management System	2017
30	Secure IoT Platform For Industrial Control Systems	2017
31	A Smart Approach On Collecting Working Condition Data From Home Appliances Under The Field Test	2017
32	An Advanced Security System Integrated With RFID Based Automated Toll Collection System	2017
33	An Automatic Driver Drowsiness Alert System By Using GSM	2017
34	An IoT Based Fire Alarming And Authentication System For Workhouse Using Raspberry Pi 3	2017
35	Monitoring Physiological Variables Of Mining Workers At High Altitude	2017
36	A Temperature Compensated Smart Nitrate Sensor For Agricultural Industry	2017
37	Towards Detection Of Bus Driver Fatigue Based On Robust Visual Analysis Of Eye State	2017
38	Anti Theft Protection Of Vehicle By GSM & GPS With Fingerprint Verification	2017
39	Design And Implementation Of Remotely Located Energy Meter Monitoring With Load Control And Mobile Billing System Through GSM	2017
40	Design Of Bus Tracking And Fuel Monitoring System	2017
41	Wearable Medical Sensor Based System Design: A Survey	2017
42	E-Health Acquisition, Transmission & Monitoring System	2017
43	Electrical Appliances Control Prototype By Using GSM Module And Arduino	2017
44	Microcontroller Based Digital Meter With Alert System Using GSM	2017
45	The Development Of A Remotely Controlled Home Automation System For Energy Saving	2017

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46	A Location Aided Flooding Mechanism In Community Based IOT Networks	2017
47	Design And Implementation Of Low Cost ECG Monitoring System For The Patient Using Smart Device	2017
48	Multi Agent Based E-Health System	2017
49	Performance Enhancement And IoT Based Monitoring For Smart Home	2017
50	IoT Based Smart Office Application For Advanced Indoor Working Environment And Energy Efficiency	2017
51	IoT Based Vehicle Parking Manager	2017
52	Internet Of Vehicles (IoV) For Traffic Management	2017
53	Child Safety Wearable Device	2017
54	A Smart Meter Design And Implementation Using Zigbee Based Wireless Sensor Network In Smart Grid	2017
55	Health Monitoring Systems Using IoT And Raspberry Pi — A Review	2017
56	Fuel Management System	2017
57	A Navigation And Reservation Based Smart Parking Platform Using Genetic Optimization For Smart Cities	2017
58	An IoT Platform Integrated Into An Energy Efficient DC Lighting Grid	2017
59	Context Aware And User Centric Residential Energy Management	2017
60	Dynamically Controlling Exterior And Interior Window Coverings Through IoT For Environmental Friendly Smart Homes	2017
61	Intelligent Safety Information Gathering System Using A Smart Blackbox	2017
62	Investigation Of A New Technology Of Controlling Electrical Apparatus Via a Smart Phone	2017
63	Localization Of Health Center Assets Through An IoT Environment (LoCATE)	2017
64	On Implementing An Unconventional Infant Vital Signs Monitor With Passive RFID Tags	2017
65	Communication Technologies For Complex Industrial Systems	2017
66	Design And Implementation Of Real Time Transformer Health Monitoring System Using GSM Technology	2017
67	RFID Tag For Railway Applications Based On Narrow Band Absorbers	2017
68	IoT Based Smart Museum Using Bluetooth Low Energy	2017
69	Wireless Robo Pi Landmine Detection	2017

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70	A Novel Wireless Multifunctional Electronic Current Transformer Based On Zigbee Based Communication	2017
71	Autonomous Two Tier Cloud Based Demand Side Management Approach With Micro grid	2017
72	Development Of An Automotive Scanner For Educational Application	2017
73	Peak Energy Management Using Renewable Integrated DC Microgrid	2017
74	Toward A Wearable RFID System For Real Time Activity Recognition Using Radio Patterns	2017
75	A New Early Warning Method Of Train Tracking Interval Based On CTC	2017
76	Cuff Less Blood Pressure Estimation Algorithms For Continuous Health Care Monitoring	2017
77	A Cyber Physical System For Environmental Monitoring	2016
78	Classifying A Person's Degree Of Accessibility From Natural Body Language During Social Human Robot Interactions	2016
79	Embedded Control System For Smart Walking Assistance Device	2016
80	High-Precision Vehicle Navigation In Urban Environments Using An Mem's Imu And Single-Frequency GPS Receiver	2016
81	Perfecting-Based Data Dissemination In Vehicular Cloud Systems	2016
82	Smart Configuration Of Smart Environments	2016
83	An Integrated Cloud Based Smart Home Management System With Community Hierarchy	2016
84	Point N Press: An Intelligent Universal Remote Control System For Home Appliances	2016
85	A Rule Based Service Customization Strategy For Smart Home Context-Aware Automation	2016
86	Electronic Visits In Primary Care: Modeling, Analysis, And Scheduling Policies	2016
87	Smart Real Time Healthcare Monitoring And Tracking System Using GSM GPS Technologies	2016
88	Self Configuration And Smart Binding Control On IoT Applications	2016
89	Low Power Wearable ECG Monitoring System For Multiple Patient Remote Monitoring	2016
90	IoT Based Smart Healthcare Kit	2016

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91	BSN Care A Secure IoT Based Modern Healthcare System Using Body Sensor Network	2016
92	A Smart Switch To Connect And Disconnect Electrical Devices At Home By Using Internet	2016
93	Configurable Zigbee Based Control System For People With Multiple Disabilities In Smart Homes	2016
94	Zigbee Network System For Observing Operating Activities Of Work Vehicles	2016
95	Real Time Patient Health Monitoring And Alarming Using Wireless Sensor Network	2016
96	Smart Electricity Meter Data Intelligence For Future Energy Systems A Survey	2016
97	Deep Representations For Iris, Face, And Fingerprint Spoofing Detection	2015
98	Home Appliance Load Modeling From Aggregated Smart Meter Data	2015
99	Optimal Energy Management Of Greenhouses In Smart Grids	2015
100	WSN Based Smart Sensors And Actuator For Power Management In Intelligent Buildings	2015
101	Zigbee Based Communication System For Data Transfer Within Future Micro Grids	2015
102	A Secure Biometrics-Based Multi-Server Authentication Protocol Using Smart Cards	2015
103	Energy Efficient Ethernet For Real Time Industrial Networks	2015
104	Driver Gaze Tracking And Eyes Off The Road Detection System	2015
105	Optimizing Data Forwarding From Body Area Networks In The Presence of Body Shadowing with Dual Wireless Technology Nodes	2015
106	Performance Evaluation Of GNSS For Train Localization	2015
107	Pre Fetching Based Data Dissemination In Vehicular Cloud Systems	2015
108	A Wireless Tracking System For At Home Medical Equipment During Natural Disasters	2015

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