



EMBEDDED M.Tech/M.E IEEE Projects List

S.no	PROJECT TITLES	IEEE
1	A Face Recognition Method In The Internet Of Things For Security Applications In Smart Homes And Cities	2018
2	A GPS-GSM Predicated Vehicle Tracking System, Monitored In A Mobile App Based On Google Maps	2018
3	A Novel Approach To Provide Protection For Women By Using Smart Security Device	2018
4	A Wireless Multifunctional Monitoring System Of Tower Body Running State Based On MEMS Acceleration Sensor	2018
5	An Intelligent Mobile Agents System For Sudden Infant Death Syndrome Monitoring	2018
6	Automated Blood Bank System Using Raspberry Pi	2018
7	Automated Vehicle Parking System And Unauthorized Parking Detector	2018
8	Automatic Pill Reminder For Easy Supervision	2018
9	Automatic Protective Headgear For Safer Ride	2018
10	Design And Development Of Raspberry Pi Based System For Prepaid Electricity Meter	2018
11	Design And Implementation Of A Low Cost System For Vehicle Safety And Location Control	2018
12	Design And Implementation Of Advanced ARM7 Based Biometric Security System Using Wireless Communication	2018
13	Design And Implementation Of An RFID-GSM Based Vehicle Identification System On Highways	2018
14	Design And Implementation Of Wireless Security System For Railway Tracks	2018

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15	Development Of A Cloud Based Automatic Irrigation System A Case Study On Strawberry Cultivation	2018
16	Drainage Overflow Monitoring System Using IoT (DOMS)	2018
17	Heart Attack And Alcohol Detection Sensor Monitoring In Smart Transportation System Using Internet Of Things	2018
18	Intelligent Transportation Systems A Survey	2018
19	IoT Based Real Time Patient Monitoring And Analysis Using Raspberry Pi 3	2018
20	Microcontroller Based Low Cost Gas Leakage Detector With SMS Alert	2018
21	Raspberry Pi 2 Based Prepaid Electricity Billing System For Below Poverty	2018
22	Sensor Based Solar Tracker System Using Electronic Circuits For Moisture Detection And Auto-Irrigation	2018
23	Smart Applications In Heat And Power Systems	2018
24	Smart Environmental Monitoring Beacon	2018
25	Towards A GSM Enabled Remote Monitoring Medical System	2018
26	Wireless Controlled Smart Digital Energy Meter And Theft Control Using GSM With GUI	2018
27	A Smartphone Based Disaster Recovery Network Using Wi-Fi Tethering	2018
28	Active Plant Wall For Green Indoor Climate Based On Cloud And Internet Of Things	2018
29	Approximation And Temperature Control System Via An Actuator And A Cloud - An Application Based On The IoT For Smart Houses	2018
30	Fiber Bragg Grating Based Monitoring And Alert System For Care Of Residents In	2018

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	Nursing Homes	
31	Location-Based Scheduling For Cellular V2V Systems In Highway Scenarios	2018
32	Polygon For Smart Machine Application	2018
33	Vehicle-To-Vehicle Real-Time Video Transmission	2018
34	Advanced IOT Based Combined Remote Health Monitoring, Home Automation And Alarm System	2018
35	Energy Monitoring And Control Using Internet Of Things (IoT) System	2018
36	Implementation And Recent Progress In Cloud-Based Smart Home Automation Systems	2018
37	Implementation Of Wireless Temperature And Humidity Monitoring On An Embedded Device	2018
38.	Multi-Sensor Integrated System For Wireless Monitoring Of Greenhouse Environment	2018
39	Prototype Implementation Of RFID Based Health Management System With Low-Power ARM Microcomputer	2018
40	Statistical Analysis Of CO2 Emission Based On Road Grade, Acceleration And Vehicle Specific Power For Public Utility Vehicles: An IoT Application	2018
41	EMACS: Design And Implementation Of Indoor Environment Monitoring And Control System	2017
42	VOT-EL: Three Tier Secured State Of The Art EVM Design Using Pragmatic Fingerprint Detection Annexed With NFC Enabled Voter -ID Card	2017
43	CABA: Continuous Authentication Based On Bio Aura	2017

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44	Developing Fish Feeder System Using Raspberry Pi	2017
45	Design Of An Energy Efficient IoT Enabled Smart System Based On DALI Network Over MQTT Protocol	2017
46	Design Of A Solar Power Electronic Voting Machine	2017
47	Intelligent Pillbox: Automatic And Programmable Assistive Technology Device	2017
48	Reconfigurable Smart Water Quality Monitoring System In IoT Environment	2017
49	A Wireless IoT System Towards Gait Detection In Stroke Patients	2017
50	Micro Service Based IoT For Smart Buildings	2017
51	IoT Based Smart Home Appliances By Using Cloud Intelligent Tetris Switch	2017
52	An IoT Based Remote HRV Monitoring System For Hypertensive Patients	2017
53	Vehicle Seat Vacancy Identification Using Image Processing Technique	2017
54	A Wireless Continuous Patient Monitoring System For Dengue: Wi-Mon	2017
55	A Privacy Preserving Pay By Phone Parking System	2017
56	Smart Crossing System Using IoT	2017
57	Embedded Video Processing On Raspberry Pi	2017
58	Design And Implementation Of A Fingerprint Based Lock System For Shared Access	2017
59	Lightweight Mash up Middleware For Coal Mine Safety Monitoring And Control Automation	2017
60	A Real Time Flood Alert System For Parking Lots	2017
61	Multiple Motion Control System Of Robotic Car Based On IOT To Produce Cloud Service	2017
62	Electronic Visits In Primary Care: Modeling, Analysis, And Scheduling Policies	2017
63	Embedded Control System For Smart Walking Assistance Device	2017

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64	Challenges And Opportunities Of Waste Management In IoT Enabled Smart Cities: A Survey	2017
65	Private And Secured Medical Data Transmission And Analysis For Wireless Sensing Healthcare System	2017
66	Body And Fall Detection System With Heart Rate Monitoring	2017
67	Advance Automatic Toll Collection & Vehicle Detection During Collision Using RFID	2017
68	Design And Development Of Personal Assistive Device For Elderly	2017
69	RFID Based Attendance Management System	2017
70	Secure IoT Platform For Industrial Control Systems	2017
71	A Smart Approach On Collecting Working Condition Data From Home Appliances Under The Field Test	2017
72	An Advanced Security System Integrated With RFID Based Automated Toll Collection System	2017
73	An Automatic Driver Drowsiness Alert System By Using GSM	2017
74	An IoT Based Fire Alarming And Authentication System For Workhouse Using Raspberry Pi 3	2017
75	Monitoring Physiological Variables Of Mining Workers At High Altitude	2017
76	A Temperature Compensated Smart Nitrate Sensor For Agricultural Industry	2017
77	Towards Detection Of Bus Driver Fatigue Based On Robust Visual Analysis Of Eye State	2017
78	Anti Theft Protection Of Vehicle By GSM & GPS With Fingerprint Verification	2017

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79	Design And Implementation Of Remotely Located Energy Meter Monitoring With Load Control And Mobile Billing System Through GSM	2017
80	Design Of Bus Tracking And Fuel Monitoring System	2017
81	Wearable Medical Sensor Based System Design: A Survey	2017
82	E-Health Acquisition, Transmission & Monitoring System	2017
83	Electrical Appliances Control Prototype By Using GSM Module And Arduino	2017
84	Microcontroller Based Digital Meter With Alert System Using GSM	2017
85	The Development Of A Remotely Controlled Home Automation System For Energy Saving	2017
86	A Location Aided Flooding Mechanism In Community Based IOT Networks	2017
87	Design And Implementation Of Low Cost ECG Monitoring System For The Patient Using Smart Device	2017
88	Multi Agent Based E-Health System	2017
89	Performance Enhancement And IoT Based Monitoring For Smart Home	2017
90	IoT Based Smart Office Application For Advanced Indoor Working Environment And Energy Efficiency	2017
91	IoT Based Vehicle Parking Manager	2017
92	Internet Of Vehicles (IoV) For Traffic Management	2017
93	Child Safety Wearable Device	2017
94	A Smart Meter Design And Implementation Using ZigBee Based Wireless Sensor Network In Smart Grid	2017

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95	Health Monitoring Systems Using IoT And Raspberry Pi — A Review	2017
96	Fuel Management System	2017
97	A Navigation And Reservation Based Smart Parking Platform Using Genetic Optimization For Smart Cities	2017
98	An IoT Platform Integrated Into An Energy Efficient DC Lighting Grid	2017
99	Context Aware And User Centric Residential Energy Management	2017
100	Dynamically Controlling Exterior And Interior Window Coverings Through IoT For Environmental Friendly Smart Homes	2017
101	Intelligent Safety Information Gathering System Using A Smart Black box	2017
102	Investigation Of A New Technology Of Controlling Electrical Apparatus Via a Smart Phone	2017
103	Localization Of Health Center Assets Through An IoT Environment (LOCATE)	2017
104	On Implementing An Unconventional Infant Vital Signs Monitor With Passive RFID Tags	2017
105	Communication Technologies For Complex Industrial Systems	2017
106	Design And Implementation Of Real Time Transformer Health Monitoring System Using GSM Technology	2017
107	RFID Tag For Railway Applications Based On Narrow Band Absorbers	2017
108	IoT Based Smart Museum Using Bluetooth Low Energy	2017
109	Wireless Robo Pi Landmine Detection	2017
110	A Novel Wireless Multifunctional Electronic Current Transformer Based On ZigBee Based Communication	2017
111	Autonomous Two Tier Cloud Based Demand Side Management Approach With Micro	2017

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	grid	
112	Development Of An Automotive Scanner For Educational Application	2017
113	Peak Energy Management Using Renewable Integrated DC Micro grid	2017
114	Toward A Wearable RFID System For Real Time Activity Recognition Using Radio Patterns	2017
115	A New Early Warning Method Of Train Tracking Interval Based On CTC	2017
116	Cuff Less Blood Pressure Estimation Algorithms For Continuous Health Care Monitoring	2017
117	A Cyber Physical System For Environmental Monitoring	2016
118	Classifying A Person's Degree Of Accessibility From Natural Body Language During Social Human Robot Interactions	2016
119	Embedded Control System For Smart Walking Assistance Device	2016
120	High-Precision Vehicle Navigation In Urban Environments Using An Mem's Imu And Single-Frequency GPS Receiver	2016
121	Perfecting-Based Data Dissemination In Vehicular Cloud Systems	2016
122	Smart Configuration Of Smart Environments	2016
123	An Integrated Cloud Based Smart Home Management System With Community Hierarchy	2016
124	Point N Press: An Intelligent Universal Remote Control System For Home Appliances	2016
125	A Rule Based Service Customization Strategy For Smart Home Context-Aware Automation	2016
126	Electronic Visits In Primary Care: Modeling, Analysis, And Scheduling Policies	2016
127	Smart Real Time Healthcare Monitoring And Tracking System Using GSM GPS	2016

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	Technologies	
128	Self-Configuration And Smart Binding Control On IoT Applications	2016
129	Low Power Wearable ECG Monitoring System For Multiple Patient Remote Monitoring	2016
130	IoT Based Smart Healthcare Kit	2016
131	BSN Care A Secure IoT Based Modern Healthcare System Using Body Sensor Network	2016
132	A Smart Switch To Connect And Disconnect Electrical Devices At Home By Using Internet	2016
133	Configurable ZigBee Based Control System For People With Multiple Disabilities In Smart Homes	2016
134	ZigBee Network System For Observing Operating Activities Of Work Vehicles	2016
135	Real Time Patient Health Monitoring And Alarming Using Wireless Sensor Network	2016
136	Smart Electricity Meter Data Intelligence For Future Energy Systems A Survey	2016

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