



JP INFOTECH

2017 - 2018 Embedded Systems IEEE FINAL YEAR Projects @ JP INFOTECH

S.NO	Project Code	IEEE 2017 EMBEDDED SYSTEM Project Titles	Domain	Year
1	JPE1701	A System for Monitoring Hand Hygiene Compliance based-on Internet-of-Things	INTERNET OF THINGS (IOT)	2017
2	JPE1702	Agricultural Crop Monitoring using IOT- A Study	INTERNET OF THINGS (IOT)	2017
3	JPE1703	An Autonomous Wireless Body Area Network Implementation Towards IoT Connected Healthcare Applications	INTERNET OF THINGS (IOT)	2017
4	JPE1704	Analysis of Three IoT-Based Wireless Sensors for Environmental Monitoring	INTERNET OF THINGS (IOT)	2017
5	JPE1705	Child Safety Wearable Device	INTERNET OF THINGS (IOT)	2017
6	JPE1706	Connecting physical <i>things</i> to a SmartCity-OS	INTERNET OF THINGS (IOT)	2017
7	JPE1707	Decentralized Configuration of Embedded Web Services for Smart Home Applications	INTERNET OF THINGS (IOT)	2017
8	JPE1708	Design of Online Monitoring Device for COD Parameter in Industrial Sewage Based on Soft Measurement Method	INTERNET OF THINGS (IOT)	2017
9	JPE1709	Developing Portable Instrument Based on Internet of Things for Air Quality Information System	INTERNET OF THINGS (IOT)	2017
10	JPE1710	Efficient Low Cost Supervisory System for Internet of Things Enabled Smart Home	INTERNET OF THINGS (IOT)	2017
11	JPE1711	EMACS: Design and Implementation of Indoor Environment Monitoring and Control System	INTERNET OF THINGS (IOT)	2017
12	JPE1712	Energy Autonomous Wireless Valve Leakage Monitoring System With Acoustic Emission Sensor	INTERNET OF THINGS (IOT)	2017
13	JPE1713	First step towards an IoT implementation of a wireless sensors network for environmental radiation monitoring	INTERNET OF THINGS (IOT)	2017
14	JPE1714	Health Care Monitoring System in Internet of Things (IoT) by Using RFID	INTERNET OF THINGS (IOT)	2017

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15	JPE1715	Internet-of-things based Smart Tracking	INTERNET OF THINGS (IOT)	2017
16	JPE1716	Real-Time Signal Quality-Aware ECG Telemetry System for IoT-Based Health Care Monitoring	INTERNET OF THINGS (IOT)	2017
17	JPE1717	Room Temperature Control and Fire Alarm/Suppression IoT Service Using MQTT on AWS	INTERNET OF THINGS (IOT)	2017
18	JPE1718	We-Care: An IoT-based Health Care System for Elderly People	INTERNET OF THINGS (IOT)	2017
19	JPE1719	Worldwide Auto-mobi: Arduino IoT Home Automation System for IR Devices	INTERNET OF THINGS (IOT)	2017
20	JPE1720	A Low Cost Automated Fluid Control Device using Smart Phone for Medical Application	EMBEDDED WITH ANDROID	2017
21	JPE1721	Data Monitoring and Hardware Control for App Android by Bluetooth Communication for Laboratory Teaching in Electrical Engineering Courses	EMBEDDED WITH ANDROID	2017
22	JPE1722	Design of Smart Neonatal Health Monitoring System using Sensor Mobile Cloud Computing	EMBEDDED WITH ANDROID	2017
23	JPE1723	Mining Human Activity Patterns from Smart Home Big Data for Healthcare Applications	EMBEDDED WITH ANDROID	2017
24	JPE1724	Real-time Traffic Light Recognition Based on Smart Phone Platforms	EMBEDDED WITH ANDROID	2017
25	JPE1725	A Real Time Street Lighting Control System	EMBEDDED	2017
26	JPE1726	A Two-level Traffic Light Control Strategy for Preventing Incident-Based Urban Traffic Congestion	EMBEDDED	2017
27	JPE1727	A Unified Framework for Vehicle Rerouting and Traffic Light Control to Reduce Traffic Congestion	EMBEDDED	2017
28	JPE1728	Automatic Detection of Red Light Running Using Vehicular Cameras	EMBEDDED	2017
29	JPE1729	Body and Fall Detection System with Heart Rate Monitoring	EMBEDDED	2017
30	JPE1730	Design and Implementation of Low Cost ECG Monitoring System for the Patient using Smart Device	EMBEDDED	2017
31	JPE1731	Economic Feasibility Of Solar Powered Street Lighting System In Libya	EMBEDDED	2017
32	JPE1732	Handover in Outdoor Visible Light Communication System	EMBEDDED	2017

33	JPE1733	Intelligent Home Automation System using BitVoicer	EMBEDDED	2017
34	JPE1734	LED Projection Module Enables a Vehicle to Communicate with Pedestrians and Other Vehicles	EMBEDDED	2017
35	JPE1735	On Detecting Acceptable Air Contamination in Classrooms using Low Cost Sensors	EMBEDDED	2017
36	JPE1736	Reverse Engineering the Communications Protocol of an RFID Public Transportation Card	EMBEDDED	2017
37	JPE1737	RFID-Based Attendance Management System	EMBEDDED	2017
38	JPE1738	Syncretic Use of Smart Meters for Power Quality Monitoring in Emerging Networks	EMBEDDED	2017
39	JPE1739	Towards Intelligent Arabic Text-to-Speech Application for Disabled People	EMBEDDED	2017
40	JPE1740	Tuning of a Stigmergy-based Traffic Light Controller as a Dynamic Optimization Problem	EMBEDDED	2017
41	JPE1741	Wheel Therapy Chair: A smart system for disabled person with therapy facility	EMBEDDED	2017
42	JPE1742	Anti-theft Protection of Vehicle by GSM & GPS with Fingerprint Verification	BIOMETRIC	2017
43	JPE1743	Design and Implementation of a Fingerprint Based Lock System for Shared Access	BIOMETRIC	2017
44	JPE1744	Flexible Microdisplacement Sensor for Wearable/Implantable Biomedical Applications	BIOMETRIC	2017
45	JPE1745	Indoor Localization Framework with WiFi Fingerprinting	BIOMETRIC	2017
46	JPE1746	SecureHouse: A Home Security System Based on Smartphone Sensors	BIOMETRIC	2017
47	JPE1747	An Android Based Human Computer Interactive System with Motion Recognition and Voice Command Activation	ROBOTICS	2017
48	JPE1748	Low-Cost, Real-Time Obstacle Avoidance for Mobile Robots	ROBOTICS	2017
49	JPE1749	Mine Detecting Robot Prototyping	ROBOTICS	2017
50	JPE1750	Mobile Quad-Controlled Wireless Robotic Arm	ROBOTICS	2017
51	JPE1751	Robotic Testing of Mobile Apps for Truly Black-Box Automation	ROBOTICS	2017



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52	JPE1752	A Real-Time Flood Alert System for Parking Lots	WIRELESS	2017
53	JPE1753	A Smart Meter Design and Implementation Using ZigBee Based Wireless Sensor Network in Smart Grid	WIRELESS	2017
54	JPE1754	A Study of the Mesh Topology in a ZigBee Network for Home Automation Applications	WIRELESS	2017
55	JPE1755	Design and Implementation of Real Time Transformer Health Monitoring System Using GSM Technology	WIRELESS	2017
56	JPE1756	E-health Acquisition, Transmission & Monitoring System	WIRELESS	2017
57	JPE1757	Electrical Appliances Control Prototype by Using GSM Module and Arduino	WIRELESS	2017
58	JPE1758	Energy-Efficient Localization and Tracking of Mobile Devices in Wireless Sensor Networks	WIRELESS	2017
59	JPE1759	Improvement in Multiple Access Channel Allocation for Sensor Node Configuration Based on RFID Communication	WIRELESS	2017
60	JPE1760	Lightweight Mashup Middleware for Coal Mine Safety Monitoring and Control Automation	WIRELESS	2017
61	JPE1761	Microcontroller based Digital Meter with Alert System using GSM	WIRELESS	2017
62	JPE1762	Realisation of a Smart Plug device based on Wi-Fi technology for use in Home Automation systems	WIRELESS	2017

More titles will be updated soon. For updated titles and other details visit: www.jpinfotech.org or www.jpinfotech.blogspot.com

OUR OTHER SALIENT FEATURES:

- Number 1 Project Master in Pondicherry/Puducherry & Chennai.
- Guided more than 30,000 students.
- Successfully conducted more than 25 International Conferences in all over South India from 2013 to 2017.
- For the academic year 2017- 2018, we have Signed MoU with Many Engineering Colleges in all over India to Conduct International

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Conferences in academic year 2017 – 2018, Where the Registered Students of JP INFOTECH, can easily publish their Project Papers.

- Published more than 3000 Research Articles of Our Ph.D./M.Phil/ME/M.Tech./BE/B.Tech. Students in Leading International Conferences and International Journals from 2013 to 2017.
- From the year **2013 to 2017**, we are Recognized and Awarded from the following colleges: “Paavai College of Engg”, “Arjun College of Technology”, “K.S.R. College of Engineering”, “Vetri Vinayaha College Of Engineering And Technology”, “SKR Engineering College”, “Sree Sastha Institute of Engineering and Technology”, “Jaya Engineering College”, “V.P.Muthaiah Pillai Meenakshi Ammal Engineering College for Women”, “Muthayammal Arts and Science College”, “Sri Raaja Raajan College of Engineering and Technology”, “Latha Mathavan Engineering College”, “Dr Pauls Engineering College”, “Jain College of Engineering”, “Manakula Vinayagar Institute of Technology”, “CK College of Engineering & Technology” etc.
- Recognized and published article about JP INFOTECH and its director in “THE HINDU”, “DINAKARAN” and many more newspapers and Media.
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- NO FALSE PROMISES
- 100% Assurance for Project Execution
- 100% LIVE EXPLANATION
- VALID TRAINEE CERTIFICATION (ISO Certification)
- 100% PLACEMENT SUPPORT
- Own Projects are also welcomed.

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So don't wait any more!!! Join us and be a part of us. Walk-in to our Office OR E-mail us your requirements and Register your projects.

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