



**JP INFOTECH**

SOFTWARE DEVELOPMENT & RESEARCH DIVISION

[www.jpinfotech.org](http://www.jpinfotech.org)

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Chennai Office : JP INFOTECH, Old No.31,  
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**2016 - 2017 FINAL ECE (Embedded) IEEE FINAL YEAR Projects @ JP INFOTECH**

S.NO	Project Code	IEEE 2016-17 FINAL Embedded (ECE) Project Titles	Domain	Lang/Year
<b>ARDUINO</b>				
1	E01	Monitoring moisture of soil using low cost homemade Soil Moisture Sensor and Arduino UNO	ARDUINO	2016
2	E02	Arduino Based Automatic Wireless Weather Station with Remote Graphical Application and Alerts	ARDUINO	2016
3	E03	Ubiquitous Greenhouse Monitoring System	ARDUINO	2016
4	E04	Air-Kare: A Wi-Fi Based, Multi-Sensor, Real-Time Indoor Air Quality Monitor	ARDUINO	2016
5	E05	Ultrasonic Array Sensors for Monitoring of Human Fall Detection	ARDUINO	2016
<b>BIO-MEDICAL</b>				
6	E06	Implementation of the ECG Biometric Identification By using Arduino Microprocessor	BIO-MEDICAL	2016
7	E07	ECG Measurement System Based On Arduino and Android Devices	BIO-MEDICAL	2016
<b>EMBEDDED</b>				
8	E08	HMM-Based Speech Segmentation: Improvements of Fully Automatic Approaches	EMBEDDED	2016
9	E09	A Real-Time Embedded System for Monitoring of Cargo Vehicles Using Controller Area Network(CAN)	EMBEDDED	2016
10	E10	Received Signal Strength Indication for Movement Detection	EMBEDDED	2016



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11	E11	Impact of VLC on Light Emission Quality of White LEDs	EMBEDDED	2016
12	E12	Mitigating WiFi Interference to Improve Throughput for In-Vehicle Infotainment Networks	EMBEDDED	2016
13	E13	GSM based Smart Home and Digital Notice Board	EMBEDDED	2016
14	E14	Smart Traffic Light Control System	EMBEDDED	2016
15	E15	Intelligent Display Auto-lock Scheme for Mobile Devices	EMBEDDED	2016
16	E16	Incidents Detection Through Mobile Sensing	EMBEDDED	2016
17	E17	A Vision-Based System to Detect Potholes and Uneven Surfaces for Assisting Blind People	EMBEDDED	2016
<b>EMBEDDED ELECTRICAL</b>				
18	E18	A Novel Wireless Multifunctional Electronic Current Transformer based on ZigBee-based Communication	EMBEDDED ELECTRICAL	2016
19	E19	Electricity Theft Detection in Low Voltage Networks with Smart Meters Using State Estimation	EMBEDDED ELECTRICAL	2016
20	E20	Phase-to-Phase Communication Scheme for Downhole Monitoring Tool Design in Electrical Submersible Pump Systems	EMBEDDED ELECTRICAL	2016
21	E21	Piezoelectric energy harvesting and management in WSN using MPPT algorithm	EMBEDDED ELECTRICAL	2016
22	E22	Smart Electricity Meter Data Intelligence for Future Energy Systems: A Survey	EMBEDDED ELECTRICAL	2016
<b>INTERNET OF THINGS (IoT)</b>				
23	E23	Regulation of Water in Agriculture Field Using Internet Of Things	IoT	2016
24	E24	Smart Parking System for Internet of Things	IoT	2016



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25	E25	An IoT Based System for Remote Patient Monitoring	IoT	2016
26	E26	Sensor Node Development for Street Lighting Monitoring System	IoT	2016
27	E27	Application of the Environments On-line Monitoring Data Acquisition System Based on ARM 9	IoT	2016
28	E28	Data Acquisition from Greenhouses by Using Autonomous Mobile Robot	IoT	2016
29	E29	IOT Based Crop-Field Monitoring And Irrigation Automation	IoT	2016
30	E30	Study on monitor and control of POL transport by road in IOT	IoT	2016
31	E31	IOT Based Crop-Field Monitoring And Irrigation Automation	IoT	2016
32	E32	Border Crossing Data Acquisition, Analysis, and Use	IoT	2016
<b>MATLAB EMBEDDED</b>				
33	E33	A Blind-Zone Detection Method Using a Rear-Mounted Fisheye Camera With Combination of Vehicle Detection Methods	MATLAB EMBEDDED	2016
34	E34	A Low Cost Signal Acquisition Board Design for Myopathy's EMG Database Construction	MATLAB EMBEDDED	2016
35	E35	Design and Implementation of a System Access Control by RFID	MATLAB EMBEDDED	2016
<b>ROBOTICS</b>				
36	E36	A fast pick-and-place prototype robot: design and control	ROBOTICS	2016
37	E37	Autonomous Robotic Fish for a Swarm Environment	ROBOTICS	2016
38	E38	Impedance Control Design Based on Plastic Deformation for a Robotic Arm	ROBOTICS	2016
39	E39	Real-time Variable Center of Mass Height Trajectory Planning for Humanoids Robots	ROBOTICS	2016



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40	E40	Efficient Design of A Metal Detector Equipped Remote-Controlled Robotic Vehicle	ROBOTICS	2016
More titles will be updated soon. For updated titles and other details visit: <a href="http://www.jpinfotech.org">www.jpinfotech.org</a> or <a href="http://www.jpinfotech.blogspot.com">www.jpinfotech.blogspot.com</a>				

**PROJECT SUPPORT TO REGISTERED STUDENTS:**

- 1) IEEE Base paper.
- 2) Abstract Document.
- 3) Future Enhancement (based on Requirement).
- 4) Modified Title / Modified Abstract (based on Requirement).
- 5) Complete Source Code.
- 6) How to Run execution help file.
- 7) Software Packages
- 8) International Conference / International Journal Publication based on your project.

**OUR OTHER SALIENT FEATURES:**

- Number 1 Project Master in Pondicherry/Puducherry & Chennai.
- Guided more than 20,000 students.
- Successfully conducted more than 20 International Conferences in all over South India from 2013 to 2016.



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- For the academic year **2016- 2017**, we have Signed MoU with 15 Engineering Colleges in all over South India to Conduct International Conferences in academic year 2016 – 2017.
- Published more than 2000 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 2016.
- For the year **2015-2016** Recognized and Awarded from the following colleges:
  - “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”
- For the year **2014-2015** Recognized and Awarded from the following colleges:
  - “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”
  - “SKR engineering college”
  - “Dr Pauls Engineering College”



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- “Jaya Engineering College”
- “Jain College of Engineering”
- For the year **2013- 2014** Recognized and Awarded from  
“PONDICHERRY UNIVERSITY”, “Paavai College of Engg”, “Arjun  
College of Technology” and many leading institutions.
- Recognized and published article about JP INFOTECH and our director in  
“THE HINDU”, “DINAKARAN” and many more newspapers and Media.
- Leaders with more than 8+ years of experience
- We assist and guarantee you to publish a paper on your project in  
INTERNATIONAL JOURNAL PUBLICATIONS / INTERNATIONAL  
CONFERENCE PUBLICATIONS.
- We provide REVIEW DOCUMENTS AND PPTS for each review
- NO FALSE PROMISES
- 100% Assurance for Project Execution
- 100% LIVE EXPLANATION
- VIVA-VOCE QUESTIONS & ANSWERS
- VALID TRAINEE CERTIFICATION (ISO Certification)
- 100% PLACEMENT SUPPORT
- Own Projects are also welcomed.

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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