



SPIRO
SOLUTIONS PVT LTD

**EMBEDDED
(WIRELESS)
PROJECT TITLE 2015 - 2016**

TECHNOLOGY : EMBEDDED

Domain : WIRELESS

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
61	ITWI01	Implementation of a Wireless ECG Acquisition SoC for IEEE 802.15.4 (ZigBee) Applications	2015
62	ITWI02	A Zigbee-Based Animal Health Monitoring System	2015
63	ITWI03	Design and Application of a VOC-Monitoring System Based on a ZigBee Wireless Sensor Network	2015
64	ITWI04	Charging Time Characterization for Wireless RF Energy Transfer	2015
65	ITWI05	Real-time Fire Detection for Video Surveillance Applications using a Combination of Experts based on Color, Shape and Motion	2015
66	ITWI06	C-Band SAR Backscatter Evaluation of 2008 Gallipoli Forest Fire	2015
67	ITWI07	ZigBee-Based Communication System for Data Transfer Within Future Microgrids	2015
68	ITWI08	A Blind Zone Alert System Based on Intra-Vehicular Wireless Sensor Networks	2015
69	ITWI09	Wireless Power Transfer for Electric Vehicle Applications	2015
70	ITWI10	Investigating Wireless Charging and Mobility of Electric Vehicles on Electricity Market	2015
71	ITWI11	A Low Cost, Highly Scalable Wireless Sensor Network Solution to Achieve Smart LED Light Control for Green Buildings	2015
72	ITWI12	A Low-Power Wireless Sensor for Online Ambient Monitoring	2015

CORPORATE OFFICE: - SPIRO GROUP OF COMPANIES FOR ECE, EEE, E&I, E&C MECHANICAL, CIVIL, BIO-MEDICAL, #1, C.V.R Complex, Singaravelu street, T.Nagar, Chennai-600017, (Behind BIG BAZZAR) Mobile: 9962067067; 9176499499 Email: info@spiropjects.com. **FOR IT, CSE, MSC, MCA, BSC(CS), B.COM(CS)** #78, 3rd Floor, Usman Road, T.Nagar, Chennai -17, (Upstairs of Hotel Saravana Bhavan) Mobile - 9791 044 044, 9176 644 044. E-Mail: info1@spiropjects.com, Website: www.spiropjects.com **Our branches :** SALEM - 9176 615 615, ERODE - 9962 587 587, KOVAI-9176 648 648, TRICHY-9176 649 649, MADURAI-9176 657 657, NELLAI-9176 617 617, NAGERCOIL - 9176 658 658, NAMAKKAL - 9962 514 514, VELLORE - 9176 620 620, PONDICHERRY-9176 694 694, KANCHIPURAM - 9176 412 412, TANJORE - 9176 419 419

73	ITWI13	Passive and Semi-Passive Wireless Temperature and Humidity Sensors Based on EPC Generation-2 UHF Protocol	2015
74	ITWI14	An Approach of Reliable Data Transmission With Random Redundancy for Wireless Sensors in Structural Health Monitoring	2015
75	ITWI15	Wireless Resource Allocation in Next Generation Healthcare Facilities	2015
76	ITWI16	Channel and Energy Modeling for Self-Contained Wireless Sensor Networks in Oil Reservoirs	2014
77	ITWI17	WSN-Based Smart Sensors and Actuator for Power Management in Intelligent Buildings	2014
78	ITWI18	Data Reduction and Energy Sustenance In Multi sensor Networks for Landslide Monitoring	2014
79	ITWI19	A Reconfigurable Smart Sensor Interface for Industrial WSN in IoT Environment	2014
80	ITWI20	A System for Automatic Notification and Severity Estimation of Automotive Accidents	2014
81	ITWI21	Wireless Sensor Network Based Smart Home: Sensor Selection, Deployment and Monitoring	2014

Education Partners:



Technologies and Domain used:

IEEE 2014, Java, J2ee, Android, Dot net, PHP, Embedded, Vlsi, Matlab, VB, Net working, Data Mining, Image Processing, Cloud Computing, Mobile Computing, Multimedia, Network Security, Soft Engg, Grid Computing, Automation, Robotics, Communication, RF, Zigbee, Blue tooth, GSM/GPS/GPRS, Power Electronics & Systems, Electrical, DSP, RTOS, Bio metrics, etc.

Features

- Latest 2014 IEEE, Science Direct, ACM based project concept and solutions.
- State of the art infrastructure, Innovative Project training methods.
- All our efforts are focused on students to meet industry requirements.
- Our environment is encapsulated with doctorates, professionals and other experts.
- Excellent Placements through our **Spiro HR Management Consultants (SMC) Pvt Ltd.**

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