



SPIRO
SOLUTIONS PVT LTD



**ELECTRICAL
(EMBEDDED)**

PROJECT TITLE 2015 - 2016



ELECTRICAL

TECHNOLOGY : EMBEDDED				
DOMAIN : ELECTRICAL				
S.NO	PROJECT CODE	Project title	Applications	YEAR
1.	ITEEEE01	Real-Time Energy Storage Management for Renewable Integration in Microgrid: An Off-Line Optimization	Energy management	2015
2.	ITEEEE02	Data-Stream-Based Intrusion Detection System for Advanced Metering Infrastructure in Smart Grid: A Feasibility Study	Defense	2015
3.	ITEEEE03	WSN-Based Smart Sensors and Actuator for Power Management in Intelligent Buildings	Energy management	2015
4.	ITEEEE04	Distributed Smart-Home Decision-Making in a Hierarchical Interactive Smart Grid Architecture	Energy management	2015
5.	ITEEEE05	Condition Monitoring of an Induction Motor Stator Windings Via Global Optimization Based on the Hyperbolic Cross Points	Automobile Industries	2015
6.	ITEEEE06	Last-Meter Smart Grid Embedded in an Internet-of-Things Platform	IOT	2015



7.	ITEEEE07	Energy Management in the Decentralized Generation Systems Based on Renewable Energy—Ultra capacitors and Battery to Compensate the Wind/Load Power Fluctuations	Energy management	2015
8.	ITEEEE08	Real-Time Price Based Home Energy Management Scheduler	Energy scheduler	2015
9.	ITEEEE09	An Anonymous Authentication Scheme for Plugin Electric Vehicles Joining to Charging/Discharging Station in Vehicle-to-Grid (V2G) Networks	Automotive	2015
10.	ITEEEE10	Extraction of Energy Information From Analog Meters Using Image Processing	Smart monitoring	2015
11.	ITEEEE11	A Control Architecture to Coordinate Renewable Energy Sources and Energy Storage Systems in Islanded Micro grids	Energy management	2015
12.	ITEEEE12	A Nonintrusive Power Supply Design for Self-Powered Sensor Networks in the Smart Grid by Scavenging Energy From AC Power Line	Automotive	2015
13.	ITEEEE13	Power Control in AC Isolated Micro grids With Renewable Energy Sources and Energy Storage Systems	Energy management	2015
14.	ITEEEE14	A Novel Method for Fault Location of Transmission Lines by Wide-Area	Energy management	2015



		Voltage Measurements Considering Measurement Errors		
15.	ITEEE15	A Constraint-Aware Heuristic Path Planner for Finding Energy-Efficient Paths on Uneven Terrains	Energy management	2015
16.	ITEEE16	Integrated Planning for Transition to Low-Carbon Distribution System With Renewable Energy Generation and Demand Response	Renewable Energy management	2014
17.	ITEEE17	Optimal Scheduling of Critical Peak Pricing Considering Wind Commitment	Renewable Energy management	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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