



SPIRO
SOLUTIONS PVT LTD

The background is a collage of technology-related images. On the left, a hand holds a green printed circuit board (PCB). In the center, a bright white lightning bolt strikes a dark globe. On the right, a globe is overlaid with blue circuit traces and various icons like a gear, a clock, and a network symbol.

**ELECTRICAL
(EMBEDDED)**

PROJECT TITLE 2017-2018

ELECTRICAL

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
1	ITEEE01	An Intelligent Load Management System with Renewable Energy Integration for Smart Homes	2017
2	ITEEE02	Development of Embedded System for Making Plugs Smart	2017
3	ITEEE03	A Smart Meter Design and Implementation Using Zigbee Based Wireless Sensor Network in Smart Grid	2017
4	ITEEE04	Power Line Fault Detection and Localization using High Frequency Impedance Measurement	2017
5	ITEEE05	Smartphone Application to Evaluate the individual possibilities for the Application of Electric vehicles	2017
6	ITEEE06	Power Line Carrier Communication Based Low Cost Power Monitoring and Management System	2017
7	ITEEE07	A Wireless Sensor System for Real-Time Monitoring and Fault Detection of Motor Arrays	2017
8	ITEEE08	Massive Internet of Things for Industrial Applications	2017
9	ITEEE09	Efficient Solar Power Management System for Self-Powered IoT Node	2017
10	ITEEE10	An Innovative Two-Level Model for Electric Vehicle Parking Lots in Distribution Systems with Renewable Energy	2017
11	ITEEE11	Adaptive Dynamic Programming-Based Optimal Control Scheme for Energy Storage Systems With Solar Renewable Energy	2017
12	ITEEE12	Impact of Power Electronic Sources on Transmission Line Ground Fault Protection	2017

13	ITEEE13	An Overview of Demand Response Applications under Smart Grid Concept	2017
14	ITEEE14	Emerging Power Quality Challenges Due to Integration of Renewable Energy Sources	2017
15	ITEEE15	A Smart Meter Design and Implementation Using Zigbee Based Wireless Sensor Network in Smart Grid	2017
16	ITEEE16	Performance Comparison of Mirror Reflected Solar Panel with Tracking and Cooling	2016
17	ITEEE17	Peak-Aware Online Economic Dispatching for Micro grids	2016
18	ITEEE18	Energy storage system and demand response program effects on stochastic energy procurement of large consumers considering renewable generation	2016
19	ITEEE29	Design and Implementation of Low-Cost SMS Based Monitoring System of Distribution Transformers	2016
20	ITEEE20	Power quality monitoring using GSM technology	2016

Education Partners:



Technologies and Domain used:

IEEE 2017, Java, J2ee, Android, Bigdata, Dot net, Arduino, Raspberry pi, IOT, Renewable, 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, Civil, Analysis, Fabrication, Mechanical, CFD, FEA, etc.

Features

- Latest 2017 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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