



SPIRO
SOLUTIONS PVT LTD

The background is a close-up photograph of various electronic components mounted on a green printed circuit board (PCB). Visible components include a blue integrated circuit (IC) with several pins, two black multi-pin connectors, and various surface-mount components. The image is slightly blurred, with a focus on the central components. The text 'POWER ELECTRONICS HARDWARE' is overlaid in large, bold, white letters with a black outline.

POWER ELECTRONICS HARDWARE

PROJECT TITLE 2015 - 2016

POWER ELECTRONICS (HARDWARE ONLY)

TECHNOLOGY : MATLAB				
DOMAIN : POWER ELECTRONICS				
S.NO	CODE	TITLES	KEY WORDS	YEAR
CONVERTERS AND INVERTERS				
1.	ITPOW01	Arm Based Induction Motor Fault Detection Using Wavelet And Support Vector Machine	ARM Processor, Fault Detection, Induction Motor, Support Vector Machine (SVM)	2015
2.	ITPOW02	Operational Characteristics Of Hybrid-Powered Three-Phase Induction Motor Via Synchronous And Photovoltaic Generators With MPPT Utilized By Synchronous Generator Automatic Voltage Regulator	Induction motor, photovoltaic, three phase induction motor	2015
3.	ITPOW03	Three Phase Inverter Using SVPWM Method For Solar Electric Vehicle	Electric Vehicle, Squirrel Cage Induction Motor, SVPWM Method Control	2015
4.	ITPOW04	Control System With Sinusoidal PWM Three-Phase Inverter With A Frequency Scalar Control Of Induction Motor	control system, PWM, induction motor, frequency scalar control, three-phase inverter	2015
5.	ITPOW05	Fuzzy Multiport Dc-Dc Interleaved Boost Converter Supplemented By Hybrid System Of Different Capacities PV And Battery Power System	Interleaved Boost Converter, Dc-Dc Converter, Mppt Tracking Controller, Photovoltaic system, induction motor	2015

6.	ITPOW06	Fuzzy Linear Current Booster For Solar Fed Dc Pumps	MPPT,Solar pumps	2015
7.	ITPOW07	Dc To Dc Converter With Low Input Current Ripple For Maximum Photovoltaic Power Extraction	Constant current converters,dc-to-dc converters, dc-to-dc power conversion, photovoltaic cells, and switched mode power supplies	2015
8.	ITPOW08	Single Phase Inverter For Wide Input Ranger For Solar Photovoltaic Application	DC-DC converter; Inverter, Unipolar PWM, Photovoltaic system	2015
9.	ITPOW09	Analog Controller For Home Application Of Photovoltaic System Using Interleaved Dc-Dc Converter And Single-Phase Inverter	Inter leaved converter,photovoltaic system	2015
10.	ITPOW10	A Reliable Single Phase Hybrid Solar Inverter With Anti-Islanding Protection	Solar Power Generation; Islanding; Grid-Connected PV Inverter.	2015

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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