



**SPIRO**  
**SOLUTIONS PVT LTD**

# **POWER SYSTEM**

**PROJECT TITLE 2016 - 2017**



## 1. POWER SYSTEMS

79	ITPS01	Control Of Small Wind Turbine In The High Wind Speed Region	2016
80	ITPS02	A Hybrid STATCOM With Wide Compensation Range And Low Dc Link Voltage	2016
81	ITPS03	An Isolated Three Phase Induction Generator System With Dual Stator Winding Sets Under Unbalanced Load Condition	2016
82	ITPS04	Scaled Current Tracking Control For Doubly Fed Induction Generator To Ride Through Serious Grid Faults	2016
83	ITPS05	Transformer less Single Phase Universal Active Filter With Ups Features And Reduced Number Of Electronics Power Switches	2015
84	ITPS06	Improving Performance Of Cascaded H Bridge Based Interline Dynamic Voltage Restorer	2015
85	ITPS07	A Three-phase Multilevel HybridSwitched-Capacitor PWM PFC Rectifier for HighVoltage Gain Applications	2016
86	ITPS08	An Optimal Method To Design A Trap-CL Filter For A PV Ac Module Based On Flyback Inverter	2016
87	ITPS09	Low Power Energy Conversion With Two Phase Permanent Magnet Machine And Rectifier With Reduced Number Of Controlled Switches	2016
88	ITPS10	Efficient Single Phase Transformerless Inverter Grid Tied PVG System We Can Also Implement Your Own Concept/Idea	2016

**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,Cennai-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, KOVAI-9176 648 648,NELLAI-9176 617 617 NAMAKKAL - 9962 514 514, VELLORE - 9176 620 620, PONDICHERRY-9176 694 694.**



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89	ITPS11	A Matrix Converter Based Bidirectional Contactless Grid Interface	2016
90	ITPS12	A High Step Up Dc Dc Converter Under Alternating Phase Shift Control For Fuel Cell Power System	2015
91	ITPS13	An Integrated Dynamic Voltage Restorer –Ultra capacitor Design For Improving Power Quality Of The Distribution Grid	2015
92	ITPS14	Power balance of cascaded H-bridge multilevel converters for large-scale photovoltaic integration	2015
93	ITPS25	An Improved iUPQC Controller To Provide Additional Grid Voltage Regulation As A STATCOM	2015

## WE CAN ALSO IMPLEMENT YOUR OWN CONCEPT/IDEA

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## Education Partners:



## Technologies and Domain used:

IEEE 2016, 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 2016 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.**

## Branches:

### SALEM

5/5, Meyyanoor Bye-pass Road,  
(Near New Bus Stand, way to ARRS Multiplex)  
Salem - 636 009.

Mobile : 9176 615 615, 9176 613 613

Email : salem@spiropjects.com

### VELLORE

#257, Sapthagiri Complex, 2nd Floor  
Katapadi Main Road, Vellore - 632 007  
(Opp. Reliance Pertol Bunk)

Mobile : 9176 620 620

Email : vellore@spiropjects.com

### NAMAKKAL

89/1, Preethi Towers, Paramathi Road,  
Namakkal - 01. (Opp. Kanna Super Market)

Mobile : 9962 514 514

Email : nkl@spiropjects.com

### COIMBATORE

#93, 1st Floor, Nehru Street,  
(Opp. to Senthil Kumaran Theaters)  
Ram Nagar, Coimbatore - 641 009

Mobile : 9176 648 648

Email : cbe@spiropjects.com

### THIRUVANATHAPURAM

#8, Kohinoor Flats, T.C. 25/2714,  
Lukes Lane, Ambujavialsom Road  
Pulimoodu, Thiruvananthapuram  
(Behind KFC)

Mobile : 9176 512 512

Phone : 0471 - 4067831

Email : tvn@spiropjects.com

### PONDICHERRY

20, 1st Floor, 2nd Cross, Natesan Nagar,  
Pondicherry - 05. (Indra Gandhi Square)

Mobile : 9176 694 694.

Email : pondy@spiropjects.com

### TIRUNELVELI

991/1A3, 2nd Floor,  
M.G.Raaj Trade Park, South bye bass road,  
Nellai-627005. (Near New Bus Stand)

Mobile : 9176 617 617

Email : nellai@spiropjects.com

## For ECE,EEE,E&I, E&C & Mechanical,Civil, Bio-Medical

#1, C.V.R Complex, Singaravelu St, T.Nagar, Chennai -600 017,(Behind BIG BAZAAR)

Mobile : 9962 067 067, 9176 499 499, Landline : 044-4264 1213

Email:info@spiropjects.com, Website : www.spiropjects.com, FB:www.facebook.com/spiropjects

## For IT, CSE, MSC, MCA, BSC(CS)B.COM(cs)

#78, 3rd Floor, Usman Road, T.Nagar, Chennai-17. (Upstair Hotel Saravana Bhavan)

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