

EXPERT SYSTEMS AND SOLUTIONS

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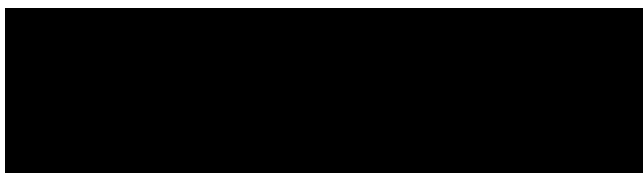
Power Systems Project Titles

1. SCADA For Power Systems Automation
2. Wind energy generation and storage system
3. Computation of electric field distribution in a power apparatus.
4. Controller design for grid tie inverter.
5. Grid synchronisation in wind power harnessing.
6. Analysing the needs and options of transmission for renewable energy
7. Analysing Risk in Electricity Market
8. Modelling the impact of electricity price tariffs and smart grids on customer demand
9. Experimental setup of a Microgrid
10. A power flow analysis model for microgrid
11. A control scheme for grid connected wind energy generator
12. Load frequency control of systems.
13. Investigation of DFIG in a Microgrid
14. Study on small signal stability of microgrids
15. Developing techniques for transmission planning.
16. Determination of efficiency of the Permanent Magnet Motors
17. Modeling of wind turbine system for an Interior Permanent magnet generator
18. Condition Monitoring of Power System Equipment
19. Electrical insulation for high-voltage DC systems
20. Congestion management in deregulated power system by optimal choice and allocation of FACTS controllers
21. Dynamic Interaction of Power Plants and Power System in Deregulated Energy Markets
22. ANALYSIS OF REAL POWER ALLOCATION FOR DEREGULATED POWER SYSTEM
23. Analysis of stand – alone operation of single phase induction generator with energy storage system
24. Optimal Relay coordination with Distributed generation
25. Relay coordination with distributed generation

26. Control of Double fed Induction Generator facing grid interruptions
27. Stability improvement of a grid connected Wind energy system
28. Study on grid connected wind driven induction generator under various fault conditions
29. Energy optimized control of induction machines
30. Voltage control of the parallel operated micro hydro synchronous generator and wind driven Induction generator with energy storage
31. On-Line Tape Changing Power Transformer and reduced line voltage disturbance
32. Design & Implementation of digital phase sequence indicator
33. An Embedded system based design of Three phase voltage & current monitoring system
34. A DSPIC based implementation of three phase power factor monitoring system
35. Design & Implementation of digital frequency monitoring & protection system
36. Digital control implementation of Over Voltage/Current Protection system
37. Industries illegal power consumed identification system for EB
38. Design and Implementation of Digital Based Solid State DC Circuit Breaker
39. An automated Substation Monitoring System for Electricity Board
40. Design of Power Factor Meter using 16 Bit dsPIC Embedded digital signal controller
41. Design and Implementation of Digital Based Solid State AC Circuit Breaker
42. Resolution-Level-Controlled WM Inverter for PMG-Based Wind Energy Conversion System

<u>>> Power Systems Titles</u>	<u>>> VLSI Projects</u>
<u>>> Electronics Projects</u>	<u>>> Microprocessor Projects</u>
<u>>> Solar Projects</u>	<u>>> ANN Projects</u>
<u>>> DSP Projects</u>	<u>>> Power Electronics Projects</u>
<u>>> Fuzzy Projects</u>	
<u>>> Embedded Projects</u>	
<u>>> Instrumentation Projects</u>	

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