

Present Position

Professor, Department of Electrical and Electronics Engineering, College of Engineering
.Guindy, Anna University, Chennai from February-2010

Research Degree

- ❖ Ph.D. in Power Systems Engineering from Faculty of Electrical Engineering , College of
.Engineering, Anna University)2002 - 2008(
Title: RECONFIGURATION OF RADIAL DISTRIBUTION SYSTEM FOR DEREGULATED
. ELECTRICITY MARKET

Area of Specialisation

- Power System Engineering

Papers Published in Journals

Research Papers Published in International Journals	20
Research Papers Published in National Journals	0

1. Chandramohan.S., Kumudini Devi. R.P., Bala Venkatesh, " Radial System Reconfiguration to Minimize Operating Costs in Markets", International Journal of Emerging Electric Power Systems, published by Bepress. Vol. 8, Issue 1, pp. pp.1 -13)2007(
2. Chandramohan.S, Naresh Atturulu, Kumudini Devi, R.P.,Venkatesh,B., " Operating Cost Minimization of a Radial Distribution System in a Deregulated Electricity Market through Reconfiguration using NSGA method", Electrical Power and Energy Systems, published by .ELSEVIER. Vol. 32, pp. pp. 126-132)2010(
3. Krishna Kumar, S & Chandramohan, S., "Sliding mode control of H bridge inverter based DSTATCOM for reactive power compensation", Research Journal of Applied Sciences, .Engineering and technology, Vol. 8, Issue 21, pp. 2227-2233)2014(
4. Gnanasekaran, N, Chandramohan, S, Sudhakar, TD & Sathish Kumar, P, "Three stage method based on Kruskal's algorithm to maximize loss saving in a radial distribution system", International Journal of Applied Engineering Research,, Vol. 9, Issue 22, pp. 17759-17770 .(2014)
5. S Krishna Kumar S Chandramohan, "Voltage Compensation and Harmonics Mitigation in Three Phase Three Wire Distribution System using SVPWM Controlled Five Level DCMLI Based DSTATCOM ", AUSTRALIAN JOURNAL OF BASIC AND APPLIED SCIENCES , Vol. 8, .pp. 184-192)2014(
6. L.Madhan kumar, R.Murugan, Dr. S. Chandramohan, " Modeling Of Power Transformer for Differential Protection Using PSCAD ", International Journal of Advanced Research in .Electrical, Electronics and Instrumentation Engineering, Vol. 3, Issue 2, pp. 215-223)2014(
7. Indira.G, UmaMaheswaraRao Theru, Chandramohan S, " Enhancing the Design of a .Superconducting Coil for Magnetic Energy Storage Systems", Physica C, Elsevier,)2014(
8. Gnanasekaran, N, Chandramohan, S, Sudhakar, TD & Sathish Kumar, P, "Maximum cost

- saving approach for optimal capacitor placement in radial distribution systems using modified ABC algorithm", International Journal on Electrical Engineering and Informatics, Vol. 7, Issue 4, pp. 665-678)2015(
9. Gnanasekaran, N, Chandramohan, S, Sathish Kumar, P & Sudhakar, TD, "Energy loss minimization and reliability enhancement in radial distribution systems during line outages", .ARPN Journal of Engineering and Applied Sciences, Vol. 10, Issue 18, pp. 7997-8008)2015(
 10. Malathi, S & Chandramohan, S, "A new topology of converter fed multilevel inverter for medium to high power applications", Optoelectronics and advanced materials –Rapid communications, .Vol. 9, Issue 5, pp. 816-820)2015(
 11. Malathi, S & Chandramohan, S, "A Single –phase Thirteen-level Reverse Voltage Multi-level Inverter with Various Modulation Control Techniques", International journals of applied .Engineering and Research, Vol. 16, pp. 37048-37054)2015(
 12. K.B. Ravindrakumar and S. Chandramohan, "LMP Congestion Management Using Enhanced STF-LODF in Deregulated Power System", Circuits and Systems, Vol. 7, pp. 2489-2498 .(2016)
 13. Hemalatha S & Chandramohan S, "Cost optimization of power generation systems using BAT algorithm for remote health facilities", Journal Med.imaging Health informatics, pp. 1646-1651 .(2016)
 14. K.B. Ravindrakumar and S. Chandramohan, "NSGA II based Congestion Management in Deregulated Power Systems", Middle-East Journal of Scientific Research , Vol. 24, Issue 4, pp. .(2016) 1188-1193
 15. S Krishna Kumar • S Chandramohan, " BELBIC Control of DSTATCOM for voltage regulation", .Journal of Control Engineering and Applied Informatics,)2016(
 16. Krishna Kumar, S & Chandramohan, S, "Repetitive controller based active neutral point clamped DSTATCOM for compensating unbalanced non linear load", Journal of Control .Engineering and applied Informatics, pp. 1458-8658)2016(
 17. Malathi, S & Chandramohan, S, "Design and Implementation of a Novel Hybrid Posicast Based Controller for a Buck-Boost Converter", Middle-East Journal of Scientific Research, Vol. 24, .Issue 2, pp. 251-258)2016(
 18. Gnanasekaran, N, Chandramohan, S, Sathish kumar, P & Mohamed Imran, A, "Optimal Placement of Capacitors in Radial Distribution System using Shark Smell Optimization .Algorithm", Ain Shams Engineering Journal, Vol. 7, Issue 2, pp. 907-916)2016(
 19. Gnanasekaran, N, Chandramohan, S, Sathish Kumar, P & Sudhakar, "Reconfiguration and Capacitor Placement of Radial Distribution Systems by Modified Flower Pollination Algorithm", .Electric Power Components and Systems , Vol. 44, Issue 13, pp. 1492-1502)2016(
 20. Hemalatha S & Chandramohan S, "Design of a fuzzy logic control strategy of nano grid hybrid power generation for rural precinct", International journal of Applied Engineering Research, .Issue 11, pp. 10241-10245)2016(