

PUBLICATIONS

International Journals:

1. "Fuzzy Mutated Evolutionary Programming based Algorithm for Multi-objective Reactive Power Optimization", International Journal of Electrical Engineering (IJEE), Volume 3, Number 3 (2010), pp. 137-146.
2. "Solution for Multi-objective Reactive Power Optimization using Fuzzy Guided Tabu Search", Arabian Journal for science and technology, Vol.7, No. 8 (2012), pp 2231-2241.
3. "Solution for Multi-objective Reactive Power Optimization problem using Fuzzified Particle Swarm Optimization Algorithm", International Review of Electrical Engineering, Volume 7, Number 1 (2012), pp. 3486 -3494
4. "Fuzzy based Stochastic Algorithms for Multi-Objective Reactive Power Optimization including FACTS Devices", International Journal of Electrical Engineering and Informatics, Vol. 4, No. 2 (2012), pp245-260.
5. "PSO and BFO for LFC of Two Area Hybrid Wind System with V2G", International Journal of Advanced Research Trends in Engineering and Technology, Vol. 3, Special issue 19 (2016), pp. 133-140.
6. "Load Frequency Control of Hybrid Hydro Systems using tuned PID Controller and Fuzzy Logic Controller", International Journal of Engineering Research and Technology, Vol. 5, Issue 03 (2016), pp. 384-391.
7. " Fuzzy based DTC control of Induction motor for Pumping Application", International Journal of Engineering Research and Technology , Volume 6 , Issue 2 (2018), pp. 257-260.
8. A novel Maximum Power Point Tracking based on Whale Optimization Algorithm for Hybrid System, " Emerging Trends in Computing and Expert Technology, 35, (2019), pp. 342-360.
9. LFC of DFIG based Two area system using TCPS, SSSC and SMES, International Journal of Innovation Technology and Exploring Engineering, Volume 9. Issue 2, (2019), pp.1912-1916.

International Conferences:

1. "Comparison of Stochastic Algorithms for multi-objective Reactive Power Optimization", International Conference on Energy Engineering ICEE-2009, Pondicherry Engineering College, Puducherry.
2. "Fuzzy Mutated Evolutionary Programming for multi-objective Reactive Power Optimization" SRM University, Chennai.
3. "Differential Evolution approach for Multi-objective Reactive Power Optimization", International Conference on Recent Trends in Electrical Science (2010), KSR Engineering College, Thiruchengode, Tamil Nadu
4. "A modified Particle Swarm Optimization Technique for solving Multi-objective Reactive Power Optimization Problem", International Conference on Power, Control and Embedded Systems, ICPCES-2010, Anna University, Chennai.
5. "PSO and BFO for LFC of Two Area Hybrid Wind System with V2G", International Conference on Innovations and Challenges in Engineering and Technology- 2016, Kings Engineering College, Chennai, India.

6. " Fuzzy based DTC control of Induction motor for Pumping Application", International Conference for Phoenixes on Emerging Current Trends in Engineering and Management - 2018, 9th and 10th February, 2018, Panimalar Engineering College, Chennai, India.
7. " LFC of Two Area System with DFIG based Wind Turbine System using TCPS, SSSC and SMES", International Conference on innovations and challenges in Engineering and Technology, 7th April 2018, Kings Engineering College, Chennai, India.
8. "A novel maximum power point tracking basedon whale optimization algorithm for hybrid system", International Conference for Pheonixes on Emerging Current Trends in Engineering And Management PECTEAM 2k19, 22nd March, 2019, Panimalar Engineering College, Chennai, India.
9. "Load Frequency Control in Deregulated power system using Fuzzy Optimized PID Controller", International Conference for Pheonixes on Emerging Current Trends in Engineering And Management PECTEAM 2k19, 22nd March, 2019, Panimalar Engineering College, Chennai, India.
10. "ANFIS Controller based speed control of high speed BLDC motor Motor Drive", International Conference for Pheonixes on Emerging Current Trends in Engineering and Management PECTEAM 2K20, 06th March, 2020, Panimalar Engineering College, Chennai, India.