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### **PUBLICATIONS – JOURNALS (8)**

1. A.Kanagavel and **S.Ramesh**, “PSIM Simulation of Solar Based Boost Converter Fed BLDC Motor using P & O Algorithm”, **International Journal of Applied Engineering Research**, Vol.10, No.12, 2015.
2. Mageshwari M, **Ramesh S**, Praveena P., “Control real and reactive power flow with UPFC connected to single and double transmission line”, **Discovery Engineering**, 2016, 4(11), 100-108.
3. P.Vasanthakumar, S.Vinoth, P.Madhubalan and **S.Ramesh**, “Enhanced Auto Mains Failure System For 750 kVA DG Set Operation Using PLC”, **International Journal of Advanced Research in Science and Engineering**, Volume No.07, Special Issue No. (02) , March 2018.
4. Bharathi Thangaraj and **Ramesh Subramanian**, “Performance and Simulation Analysis of Micro Drive Cycle for Electric Vehicle”, **Journal of Electrical Systems**, Vol.15, pp.331-345, 2019.
5. Ganesan, R., **Ramesh, S.**, Anbarasi, S, “A new literature review of automatic generation control in deregulated environment”, **International Journal of Scientific and Technology Research**, 2019.
6. Anbarasi, S., **Ramesh, S.**, Muralidharan, S, “An optimal tuning of integral controller for hybrid lfc system integrated with wind energy resources”, **International Journal of Advanced Science and Technology**, 2020.
7. Ettappan, M., Vimala, V., **Ramesh, S.**, Kesavan, V.T., “Optimal reactive power dispatch for real power loss minimization and voltage stability enhancement using Artificial Bee Colony Algorithm”, **Microprocessors and Microsystems (Elsevier)**, 2020.
8. Bharathi Thangaraj and **Ramesh Subramanian**, “Performance enhancement analysis of brushless permanent magnet synchronous machine for electric vehicles”, **International Journal of Electric and Hybrid Vehicles**, Vol.12, No.3, pp.253 – 278, 2020.

### **INTERNATIONAL/NATIONAL CONFERENCE PUBLICATIONS (15)**

1. A.Suganthi and **S.Ramesh**, “Performance Enhancement of Poly Phase Induction Motor Using Evolutionary Algorithm” International Conference on Intelligent Systems and Control, organized by Karpagam College of Engineering, Coimbatore on 9<sup>th</sup> & 10<sup>th</sup> Jan 2015.
2. A.Maheshwari and **S. Ramesh**, “Control Real and Reactive Power Flow With UPFC Connected to Single and Double Transmission Line”, International Conference on Electrical, Electronics, Instrumentation and Computer Communication, organized by Karpagam College of Engineering, Coimbatore on 18<sup>th</sup> & 19<sup>th</sup> Dec. 2015.
3. A.Suganthi and **S.Ramesh**, “Performance Enhancement of Poly Phase Induction Motor Using Evolutionary Algorithm”, International Conference on Intelligent Systems and Control (ISCO), organized by Department of Electrical & Electronics Engineering, Karpagam College of Engineering, Coimbatore.
4. A.Maheshwari and **S. Ramesh**, “Design and Analysis of UPFC for enhancing power quality”, International Conference on Emerging trends in Science, Engineering, Technology and Management, organized by P.S.R.Engineering College on 7<sup>th</sup> & 8<sup>th</sup> 2016.

5. **S.Ramesh**, “Optimal real and reactive power dispatch using evolutionary Algorithms”, International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE-17)” organized by P.S.R.Engineering College on 16<sup>th</sup> - 18<sup>th</sup> March 2017.
6. P.Vasanthakumar, S.Vinoth, P.Madhubalan and **S.Ramesh**, “Enhanced Auto Mains Failure System For 750 kVA DG Set Operation Using PLC”, International Conference on Advancements in Engineering, Technology and Sciences Organized by Dhanish Ahmed College of Engineering, Chennai during 16<sup>th</sup> and 17<sup>th</sup> March 2018.
7. S.Vedhanayaki, R. Madavan, Sujatha Balaraman, **S. Ramesh** and K. Valarmathi, “Fuzzy Logic-Based Decision Making for Selection of Optimized Liquid Insulation Blend”, In: Nayak J., Abraham A., Krishna B., Chandra Sekhar G., Das A. (eds) Soft Computing in Data Analytics. Advances in Intelligent Systems and Computing, vol 758. Springer, Singapore, 2018.
8. **Ramesh S** and Prabhu A, “Design and Implementation of Modified Cascaded Multilevel Inverter for Renewable Energy Resource”, International Conference on Recent Trends in Engineering Education organized by NITTTR, Chennai & P.S.R. Engg. College on 5<sup>th</sup> & 6<sup>th</sup> October 2018.
9. Anbarasi S, **Ramesh S** and Sivakumar T, “A Study on Recent Trends in Engg. & Education”, International Conference on Recent Trends in Engineering Education organized by NITTTR, Chennai & P.S.R. Engg. College on 5<sup>th</sup> & 6<sup>th</sup> October 2018.
10. **Ramesh S** and Balasubramanian T, “Performance Improvement of Induction Motor Drive Using Multilevel Inverter”, International Conference on Recent Trends in Engineering Education organized by NITTTR, Chennai & P.S.R. Engg. College on 5<sup>th</sup> & 6<sup>th</sup> October 2018.
11. **Ramesh S** and Sivakumar S, “Performance Analysis of High Voltage Disc Using Multilevel Inverter”, International Conference on Recent Trends in Engineering Education organized by NITTTR, Chennai & P.S.R Engg. College on 5<sup>th</sup> & 6<sup>th</sup> October 2018.
12. Anbarasi, S., **Ramesh, S.**, Muralidharan, S, “An optimal tuning of integral controller for hybrid lfc system integrated with wind energy resources”, IConRAEECCCE’19, organized by Department of Electrical and Electronics Engineering, Mepco Schlenk Engineering College, Sivakasi, 2019.
13. A.Suganthi and **S.Ramesh**, “Speed Control of AC Motor Drives uses PI Based Evolutionary Algorithms” National Conference on Power and Energy Systems, organized by Department of Electrical & Electronics Engineering, P.S.R. Engineering College on 13<sup>th</sup> March 2015.
14. Kanagavel and **S.Ramesh**, “Solar Boost Converter Fed BLDC Motor Using MPPT Algorithms” , National Conference on Power and Energy Systems, organized by Department of Electrical & Electronics Engineering, P.S.R. Engineering College on 13<sup>th</sup> March 2015.
15. A.Kanagavel and **S.Ramesh**, “PSIM Simulation of Solar Powered Boost Converter Fed PLDC Motor Using P&O Algorithm”, National conference on “Recent advancements in Control, Power electronics and Power systems using soft computing techniques”, organized by N.S.N. College of Engineering and Technology on 14<sup>th</sup> March 2015.