

PUBLICATION IN JOURNALS:

1. BharathiThangaraj 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.
2. 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.
3. 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.
4. 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.
5. BharathiThangaraj and **Ramesh Subramanian**, “Performance and Simulation Analysis of Micro Drive Cycle for Electric Vehicle”, **Journal of Electrical Systems**, Vol.15, pp.331-345, 2019.
6. 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.

PUBLICATION IN INTERNATIONAL CONFERENCES:

1. 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.
2. **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 Engineering College on 5th & 6th October 2018.
3. **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 5th & 6th October 2018.
4. 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 5th & 6th October 2018.
5. **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 5th & 6th October 2018.
6. 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.

7. 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 16th and 17th March 2018.
8. **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 16th - 18th March 2017.
9. 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.

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1. 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 of computing techniques”, organized by N.S.N. College of Engineering and Technology on 14th March 2015.
2. A 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 13th March 2015.
3. A.Suganthi and **S.Ramesh**, “Speed Control of AC Motor Drives uses PI Base Evolutionary Algorithms” National Conference on Power and Energy Systems, Organized by Department of Electrical & Electronics Engineering, P.S.R.Engineering College on 13th March 2015.
4. P. Chandramohan, R. Karthikeyan and **S.Ramesh**, “Smart Vehicle using Solar Energy”, National Conference on Communication, Control and Optimization, organized by Department of Electronics and Communication Engineering, P.S.R.Engineering College on 21st March 2014.
5. A.Mala and **S.Ramesh**, “Application of Evolutionary Algorithms to Optimal Reactive Power Dispatch Problem”, “National Conference on Communication, Control and Optimization, organized by Department of Electronics and Communication Engineering, P.S.R.Engineering College on 21st March 2014.
6. Murugaraj.C., Valarmathi.K., **Ramesh S**, “Shell & Tube Heat Exchangers Optimization Using Genetic Algorithm and Particle Swarm Optimization”, National Conference on ‘Emerging Trends in Materials, Manufacturing and Design (ETMMD’13), organized by Department of Mechanical Engineering, Mepco Schlenk Engineering College, 7th and 8th May 2013.