PUBLICATIONS OF DR. M RAMESH BABU

[1] M Ramesh Babu, C Venkatesh Kumar, Harini, "LP based solution for Security Constrained Optimal Power Flow including Power Routers" in WSEAS TRANSACTIONS on POWER SYSTEMS, Vol 15, 2020. DOI: 10.37394/232016.2020.15.4

[2] M Ramesh Babu , K Vinoth, "PV Module Integrated Dual Boost Three-Port dc-dc Converter–Fed T-Type Multilevel Inverter for Shunt Active Power Filters," in Journal of Testing and Evaluation. Published ahead of print, 14 May 2020, https://doi.org/10.1520/JTE20190903.

[3] M Chilambarasan and M Ramesh Babu, " An intelligent power management technique for a cuk-luo fused converter base solar-wind-battery system fed base transceiver station using embedded controller" in solid state technology, volume 63, issue 4, 2020.

[4] M Ramesh Babu, C Venkatesh Kumar, S Anitha, paper titled, "Simultaneous Reconfiguration and Optimal Capacitor Placement using Adaptive Whale Optimization Algorithm for Radial Distribution System" J. Electr. Eng. Technol. (2020). https://doi.org/10.1007/s42835-020-00593-5.

[5] P. Shanmugapriya,C Venkatesh Kumar, M Ramesh Babu and S.D. Adlin Jenifa, "Solution of Non-Convex Power Scheduling Problem Using Grey Wolf Optimization Algorithm", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol - 8, Issue-683,pp – 363-368, April 2019.

[6] Arulraj. J and Ramesh Babu. M, "Optimal Economic Dispatch Considering Load Uncertainity" International Journal of Applied Engineering Research, Volume 14, Number 11, pp – 4-8, 2019 (Special Issue)

[7] Ramesh babu. M, Venkatesh Kumar. C and Sreekanth. R, "Optimal Volt/Var Control Of Distribution System Using MOPSO" , Indonesian Journal of Electrical Engineering and Computer Science, Vol. 16, No.3, Dec 2019.

[8] Arvind. R, R. Sreekanth, M. Ramesh Babu, "Analysing equilibria in an Electricity Market", International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST), Vol.5, Issue.10,pp. 1-5, October 2019.

[9] Ramesh Babu M , Venkatesh Kumar Chandrasekaran, "Application of Cauchy Mutated Memetic Particle Swarm Optimization Algorithm to Economic Dispatch Problem with Practical Constraints" WSEAS Transaction on Systems And Control, Vol 13, pp 80-87, 2018.

[10] B. Vasudevan, A. Sivasubramanian, M. Ramesh Babu, "Optical Study On Er-Yb Co-Doped Boro-Tellurite Glasses For Optical Amplifiers", Journal Of Optoelectronics And Advanced Materials, Vol. 19, issue 1, pp 11-15, 2017.

[11]   M. Ramesh Babu, S. Arunachalam and P. Somasundaram, "Multi-objective risk constrained self-scheduling of the Gencos for the correlated deregulated markets", Journal of Electrical Engineering, Vol 17, Edition 1, pp. 338-349, 2017.

[12]   S. Balasubramani, S. Akshaya, A. Karthick Balaji, M.Ramesh babu, S.Harirajan, " Mitigation of voltage sag using dynamic voltage restorer with super capacitor", International Journal of Advanced Research in Management, Architecture, Technology and Engineering, Vol. 2, Special Issue 2, pp 425-427, March 2016.

[13]   Chilambarasan, M, Ramesh Babu, M, "Simulation and Comparison of Cuk Topologies", Australian Journal of Basic and Applied Sciences, special issue 10, Vol. 5, pp. 103-110, 2016.

[14]   Aswanth saravanan, Venkatesh Kumar, C, Ramesh Babu, M, "Power quality enhancement in distribution system using interline dynamic voltage restorer and displacement factor controller", International Journal of Emerging Technology in Computer Science & Electronics, Vol. 13, pp 103-110, 2015.

[15]   Chilambarasan, M, Ramesh Babu, M, Jones Basil, T, "Comparison of DC-DC Converters for Photo-Voltaic Application", Applied Mechanics and Materials, Vol. 787, pp 864 – 868, 2015.

[16]   Amiritta, P, Ramesh Babu, M, "Reconfiguration for loss reduction and Sensitivity Analysis for simultaneous optimal placement of FC banks and DG in radial distribution   network", International Journal of Applied Engineering Research (IJAER), Vol. 10, No 66, special issue. pp 179 – 186, 2015.

[17]   Apthi Joshva, A, Subash Kumar, J, Ramesh babu, M, Arunachalam, S, "Optimal placement of Distribution Generator to maximize the net savings of the Distribution network", International Journal of Applied Engineering Research (IJAER), Vol. 10, No 66, special issue, pp 164 – 168, 2015.

[18]   Priyanka, P D, Vignesh, A, Siva, P, Balasubramani, S, Ramesh Babu, M, "Compensation Of Voltage Sag In The System Using A Dynamic Voltage Restorer", International Journal Of Science And Innovative Engineering & Technology, Vol. 2, May 2015.

[19]   Priyanka, P D, Vignesh, A, Siva, P, Balasubramani, S, Ramesh Babu, M, "Compensation of Voltage Sag in the System Using Dynamic Voltage Restorer with Matrix Converter", International Journal of Applied Engineering Research, Vol. 10, No 44, pp 30928 – 30931, 2015.

[20]   Vasudevan. B, Sivasubramanian. A, Ramesh Babu. M, "Analysis on Nonlinear characteristics of EDFA in single channel dispersion compensated and uncompensated Telecommunication System", International Journal of Applied Engineering Research, Vol. 10, No. 23, pp 43318- 43327, 2015.

[21] Ramesh Babu, M, Chilambarasan, M, and Latha Devi, M, "Design and simulation of self lift positive output LUO converter using incremental conductance algorithm for photovoltaic applications", Journal Applied Mechanics and Materials, Vol. 622, pp 51-58, 2014.

[22] M.Chilambarasan, M.Ramesh Babu, R.Sujatha, "Design And Simulation of LUO Converter Topologies For Photovoltaic Applications", International Journal of Applied Engineering Research, Vol. 9, No. 23, pp. 21553-21560, 2014.