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**Journal/Conference Publication:**

1. Krishna paramathma, .D.Devaraj, **Dr.V.Agnes Idhaya Selvi**, Karuppasamypandiyan, "Development of online demand response framework for Smart Grid infrastructure towards social welfare" International Transactions on Electrical Energy Systems (2020) **(IF=1.692) (Accepted for Publication) (Scopus Cited)**
2. Karuppasamy pandiyan M, **Agnes IdhayaSelvi V**, Devaraj D, Sheela A, "On-Line Estimation of ATC using Radial Basis Function Neural Network with Reduced" **2019 IEEE International Conference on Clean Energy and Energy Efficient Electronics Circuit for Sustainable Development (INCCES)** DOI: [10.1109/INCCES47820.2019](https://doi.org/10.1109/INCCES47820.2019) **(Scopus Cited)**
3. Karuppasamy pandiyan M M, Aruna Jeyanthi P, Devaraj D, **Agnes Idhaya Selvi V**, "An Efficient Non-dominated sorting Genetic algorithm II (NSGA II) for Optimal Operation of Micro Grid" **2019 IEEE International Conference on Clean Energy and Energy Efficient Electronics Circuit for Sustainable Development (INCCES)** DOI: [10.1109/INCCES47820.2019](https://doi.org/10.1109/INCCES47820.2019) **(Scopus Cited)**
4. D Sangeeta Sarali, **V.Agnes IdhayaSelvi**, Karuppasamypandiyan, "An Improved Design for Neural-Network Based Model Predictive Control of Three Phase Inverters" **2019 IEEE International Conference on Clean Energy and Energy Efficient Electronics Circuit for Sustainable Development (INCCES)** DOI: [10.1109/INCCES47820.2019](https://doi.org/10.1109/INCCES47820.2019) **(Scopus Cited)**
5. G Sathish KUMAR, **Agnes IdhayaSelvi**, Karuppasamypandiyan, "Design and Analysis for Energy Storage Systems for Transport and Grid Applications using SMES" **2019 IEEE International Conference on Clean Energy and Energy Efficient Electronics Circuit for Sustainable Development (INCCES)** DOI: [10.1109/INCCES47820.2019](https://doi.org/10.1109/INCCES47820.2019) **(Scopus Cited)**
6. Karuppasamypandiyan, Dr.P.Aruna Jeyanthi, Dr.D.Devaraj, **Dr.V.Agnes Idhaya Selvi**, "Day ahead dynamic available transfer capability evaluation incorporating probabilistic transmission capacity margins in presence of wind generators" International Transactions on Electrical Energy Systems (2020) **(IF=1.692)**
7. Danalakshmi, S. Prathiba, **V. Agnes Idhaya Selvi**, , "Control Strategies on Speed of DC motor and power sensor based speed regulator using SCILAB" Journal of Green energy Vol – 10, (03) PP. 646 - 661. **(Scopus Cited)**
8. Sundaramoorthi S, **Agnes Idhaya Selvi V**, Karuppasamypandiyan M, "Implementation of Embedded System Based High Performance Protective System in Vehicles", International Journal of Recent Engineering and Technology, Volume Number 8, Issue Number 4S2, PP 344-347, 2019 Dec

9. **Mrs. J. Kohila, Dr. D. Devaraj, Agnes Idhaya Selvi**, "Development and Performance analysis of PSO optimized Sliding Mode Controller based Dynamic Voltage Restorer for power quality enhancement" International Transactions on Electrical Energy Systems (2019) **(IF=1.692)**
10. Karuppasamyandiyan, Dr.P.Aruna Jeyanthi, Dr.D.Devaraj, **Dr.V.Agnes Idhaya Selvi**, "Multi Objective Differential Evolution Algorithm for Optimal Building Energy Management System", IEEE International Conference on "Intelligent Techniques in Control, Optimization and Signal Processing" INCOS'19-April'19. **(SCOPUS INDEXED)**
11. **Agnes IdhayaSelvi**, Sivan Kumar, Karuppasamyandiyan, Sheela, "IoT Based Power Management and Condition Monitoring in Microgrid", Lectures Notes in Electrical Engineering, Springer. **(SCOPUS INDEXED)** 1876-1100
12. B.Kanagasakthivel, D.Devaraj, R.NarmathaBanu and **V.Agnes Idhaya Selvi**, "A Hybrid Wind - Solar Energy System with ANFIS based MPPT Controller", Journal of Intelligent & Fuzzy Systems (Article in press), **IF: 1.261**.
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14. B.Kanagasakthivel, D.Devaraj, R.NarmathaBanu and **V.Agnes Idhaya Selvi**, "Doubly Fed Induction Generator Based Wind Energy Conversion System Using Matrix Converter With Model Predictive Controller", International Journal of Pure and Applied Mathematics, Volume 118 No. 22 2018, 109-125.
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16. Danalakshmi, ThiruppathyKesavan, **V. Agnes Idhaya Selvi**," Consumer CentricFlexible Reactive Power Pricing Using Scalable Technologies", ECTI Transactions on Electrical Engineering, Electronics, and Communications, VOL.16, issue NO.2 August 2018 (pp. 1-9)
17. Sivankumar **N** , **Agnes IdhayaSelvi V** , Dr.A.Ram Kumar, Karuppasamyandiyan **M** , "IoT Based Power Management and Condition Monitoring in Microgrid", International Conference on Power and Energy system, Vellamal college of engineering Madurai.
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22. **V.Agnes Idhaya Selvi**, Dr.R.Narmatha Banu, D.Devaraj, Karuppasamypandiyan, "An Effective method of Computing Dynamic ATC in Deregulated Power System Considering Dynamic load Using Differential Evolution Algorithm" . IEEE International Conference on Control engineering and Signal Processing (INCOS 2017).25/03/2017-28/03/2017, Kalasalingam University, Krishnan coil.
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24. **V.Agnes Idhaya Selvi**, Dr.R.Narmatha Banu, D.Devaraj, Karuppasamypandiyan, "ON-LINE ESTIMATION OF ATC USING RADIAL BASIS FUNCTION NEURAL NETWORKWITH REDUCED INPUT FEATURES" Submitted to Indian Journal of Science and Technology.
25. Sivankumar N , **Agnes Idhaya Selvi V** , Karuppasamypandiyan M , "Power Management in Micro Grid Using Fuzzy Logic Control", Fifth National Conference Power and Energy Systems-NPES'18 organized by Department of EEE, KARE.