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Publications-journal

1. Kiran, P., **Vijaya Chandrakala K.R.M.**, New Interactive Agent Based Reinforcement Learning Approach towards Smart Generator Bidding in Electricity Market with Micro Grid Integration", Applied Soft Computing Journal – Elsevier, Part A, December 2020
2. Purushothaman, K., Chandrakala, V, "Roth-Erev Reinforcement Learning Approach for Smart Generator Bidding towards Long Term Electricity Market Operation Using Agent Based Dynamic Modeling ", Electric Power Components and Systems – T&F, 48,3, 2020
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4. Vinayramsathish, G., **Vijaya Chandrakala K.R.M.**, Sampath Kumar S., "Standalone Solar Photovoltaic Fed Automatic Voltage Regulator for Voltage Control of Synchronous Generator", Advances in Intelligent Systems and Computing", Vol.1048, pp.991-1001, 2020.
5. Peer M.A., **Vijaya C. K.R.M.**, Dual Input Interleaved SEPIC Converter based Ripple Current Reduction in Hybrid Electric Vehicle Application", 2019 Innovations in Power and Advanced Computing Technologies, i-PACT 2019.
6. Vishnu Verchas, S., Vijaya Chandrakala, K.R.M., "Predictive Control on Power Source Selection in Hybrid Vehicle System", IOP Conference Series: Material Science and Engineering, Vol.577, December 2019.
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9. Abhin, A., **Vijaya Chandrakala, K.R.M.**, "Hybrid Energy Storage System for an Electric Vehicle Powered by Brushless DC Motor", 2018 International Conference on Control, Power, Communication and Computing Technologies, ICCPCCT 2018.
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13. Balamurugan, S., Shree, S.R., **Chandrakala, K.R.M.V.**, "Congestion management for multi area deregulated power system using price area concept", Proceedings of 2017 IEEE International Conference on Technological Advancements in Power and Energy: Exploring Energy Solutions for an Intelligent Power Grid, TAP Energy, 2018.
14. Kiran, P., **Chandrakala, K.R.M.V.**, Nambiar, T.N.P., "Multi-agent based systems on micro grid - A review", Proceedings of 2017 International Conference on Intelligent Computing and Control, I2C2, 2018.
15. Jenipher, R.N., **Chandrakala, K.R.M.V.**, "Magnetically controlled reactor based harmonic and voltage profile improvement in long transmission lines", 2017 Innovations in Power and Advanced Computing Technologies, i-PACT , 2018.
16. K. Anirudh, **K.R.M. Vijaya Chandrakala**, "Dynamic contribution of DFIG based wind energy penetration in interconnected system for improved load frequency control", International Journal of Pure and Applied Mathematics, Vol.115, No.15, pp.625-629, 2018.
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28. **K.R.M. Vijaya Chandrakala**, S.Balamurugan, Abhilash R., Aditya K., Krishna Kumar O. and Balaji N., “PLC-SCADA Based Supply Side Management in Deregulated PowerMarket”, WSEAS Transactions on Power Systems, Vol 10, pp.97-104, April 2015.