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## **Last Five Years Publications List:**

- 1. Leo Raju, A Swetha, CK Shruthi, J Shruthi, "IoT based Demand Side Management using Arduino and MATLAB", International Conference on Smart Electronics and Communication (ICOSEC), pp.823-829 (2020).
- 2. Leo Raju, E Vishal, V Vishwaraj, KM Vimalan, "Application of Machine Learning Algorithms for Short term Load Prediction of Smart grid", International Conference on Smart Electronics and Communication (ICOSEC), pp. 371-376 (2020).
- 3. Leo Raju, Antony Amalraj Morais, "Multi Agent Systems-Strategies and Applications", published by Intechopen (2020).
- 4. Leo Raju, V Balaji, S Keerthivasan, C Keerthivasan, "International conference on Computer Networks, Big data and IoT" published by Springer, pp. 590-596 (2019).
- 5. Leo Raju, Antony Amalraj Morais, V Balaji, S Keerthivasan, "Multi agent systems and Arduino based smart micro-grid test bed", AIP Conference Proceedings, Vol. No. 2161, Issue No. 1 (2019).
- 6. Leo Raju, S Sangeetha, V Balaji, "IOT Based Demand Side Management of a Microgrid", International conference on Computer Networks, Big data and IoT published by Springer, pp. 334-341(2018).
- 7. Leo Raju, Antony Amalraj Morais, RS Milton, "Advanced energy management of a micro-grid using arduino and multi-agent system", Intelligent and Efficient Electrical Systems, published by Springer, pp. 65-76 (2018).
- 8. Leo Raju, Milton Sakaya, Senthilkumaran Mahadevan, "Implementation of energy management and demand side management of a solar microgrid using a hybrid platform", Turkish Journal of Electrical Engineering & Computer Sciences, Vol.No.25, Issue No.3,pp. 2219-2231(2017).
- 9. Leo Raju, RS Milton, Senthilkumaran Mahadevan, "Application of multi agent systems in automation of distributed energy management in micro-grid using MACSimJX", Intelligent Automation & Soft Computing, pp.1-9 (2017).
- 10. Leo Raju, Ramyaa Rathnakumar, Soundaryaa Ponnivalavan, LD Thavam, Antony Amalraj Morais, "Micro-grid grid robustness management using multi agent

- systems", International Conference on Power and Embedded Drive Control (ICPEDC), pp. 38-43 (2017).
- 11. Leo Raju, Sajna Gokulakrishnan, Prithika Rani Muthukumar, Srinidhi Jagannathan, Antony Amalraj Morais, "Iot based autonomous demand side management of a micro-grid using arduino and multi agent system", International Conference on Power and embedded Drive control (ICPEDC), pp.44-49 (2017).
- 12. Leo Raju, Prithika Rani Muthukumar, Sajna Gokulakrishnan, Srinidhi Jagannathan, "Autonomous Demand Side Management of a Micro-Grid Using Arduino and Multiagent System", Second International Conference on Recent Trends and Challenges in Computational Models (ICRTCCM), pp.159-164 (2017).
- 13. Leo Raju, Antony Amalraj Morais, Ramyaa Rathnakumar, Soundaryaa Ponnivalavan, LD Thavam, "Micro-grid grid outage management using multi-agent systems", Second International Conference on Recent Trends and Challenges in Computational Models (ICRTCCM), pp.363-368 (2017).
- 14. Leo Raju, RS Milton, A Amalraj Morais, "Autonomous Energy Management of a Micro-Grid using Multi Agent System", Indian Journal of Science and Technology, Vol.No.9, Issue No.13, pp. 1-6(2016).
- 15. Leo Raju, Kaviya Appaswamy, Janani Vengatraman, Antony Amalraj Morais, "Advanced energy management in virtual power plant using multi agent system", International Conference on Electrical Energy Systems (ICEES), pp.133-138 (2016).
- 16. Leo Raju, RS Milton, Senthilkumaran Mahadevan, "Multiagent systems based modeling and implementation of dynamic energy management of smart microgrid using macsimix", The Scientific World Journal (2016).
- 17. Leo Raju, Immanuel Rajkumar, Kaviya Appaswamy, "Integrated energy management of micro-grid using multi agent system", International Conference on Emerging Trends in Engineering, Technology and Science (ICETETS), pp.1-8 (2016).
- 18. Leo Raju, RS Milton, Senthilkumaran Mahadevan, "Multi agent systems based distributed control and automation of micro-grid using MACSimJX", International Conference on Intelligent Systems and Control (ISCO), pp.1-6 (2016).