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List of Publications (Last Five Years)

1. Suman M. and **Venkata Kirthiga M.**, “Disturbance Injection based Decentralised Identification of Accidental Islanding”, **IEEE Transactions on Industrial Electronics**, , DOI: 10.1109/TIE.2019.2917361, Vol. 67, Iss 5, pp. 3767 - 3775, 2020.
2. Suman M. and **Venkata Kirthiga M.**, "Active Unintentional Islanding Detection Method for Multiple-PMSG-Based DGs", **IEEE Transactions on Industrial Applications**, Vol. 56, Iss 5, pp. 4700 - 4708, September 2020.
3. Suman M. and **Venkata Kirthiga M.**, “Decentralised Unintentional Islanding Identification for Converter Interfaced Multiple DGs”, **IEEE Transactions on Industrial Informatics**, Accepted for publication, Early access, 2020.
4. Ravichandran MH, **Venkata Kirthiga M**, Sadasivan Achari VT and CC Joseph, “ A Comprehensive Study on Transverse Flux Motor for Direct Drive Low Speed Spacecraft Applications”, **IEEE Transactions on Industrial Electronics**, Vol. 68, Iss 1, 2021, pp. 412-420
5. S. Srividhya and **M. Venkata Kirthiga**, “Optimal Siting and Sizing of Distributed Generators to retain the existing Protection setup along with their technical and economic aspects”, **IET – Generation, Transmission and Distribution**, Volume: 13, Issue:15, 6 8 2019, pp. 3240 – 3251.
6. Suryanarayana Gangolu, P.Raja, Selvan M. P. and **M.Venkata Kirthiga**, “An Effective Algorithm for Fault Discrimination in Transmission Lines”, **IET – Generation, Transmission and Distribution**, Volume: 13, Issue: 13, 2019, pp. 2789 – 2798.
7. Suman M. and **Venkata Kirthiga M**, “Disturbance Injection based Decentralised Identification of Accidental Islanding”, **IEEE Transactions on Industrial Electronics**, Volume: 67, Issue: 5, 2019, pp.3767 - 3775.
8. M. Suman and **M. Venkata Kirthiga** "Hybrid Analysing Technique based Active Islanding Detection for Multiple DGs", **IEEE Transactions on Industrial Informatics**, Vol. 15, No. 5, March 2019, pp. 1311 - 1320.

9. M. Suman and **M. Venkata Kirthiga** “Band Pass Filter and AFV mean Based Unintentional Islanding Detection”, **IET – Generation, Transmission and Distribution**, Volume: 13, Issue:9, 2019, pp.1489 – 1498.
10. Prasanajit Khatua, Suman Murugesan and **M.Venkata Kirthiga** “Estimation and Analysis of Harmonics and Power Factor Correction in a Modern Steel Manufacturing Facility”, **Journal of Institution of Engineers (India): Series B**, Volume: 100, Issue: 5, 2019, pp. 425 – 434.
11. M. Suman, **M. Venkata Kirthiga** and S. Arul Daniel “Hybrid Analyzing Technique for Active Islanding Detection Based on d-Axis Current Injection”, **IEEE Systems Journal**, Vol. 12, No. 4, pp. 3608 – 3617, 2018
12. M. Suman and **M. Venkata Kirthiga** "Q-axis Current Perturbation based Active Islanding Detection for Converter Interfaced Distributed Generators ", **Turkish Journal Electrical Engineering and Computer Sciences**", September, 2018, pp. 2633 – 2647.
13. C. Nagamani, **M. Venkata Kirthiga** and Mini Shaji Thomas “Power Engineering Education”, **IEEE Power and Energy Magazine**, September/October 2018, pp. 42 – 52.
14. B. Venkatesh and **M. Venkata Kirthiga** “Hybrid Operation of Fuel Cell and Photovoltaic Based DGs”, **International Journal of Advanced Research in Science and Engineering**, Vol. 6, No. 1, January 2017, pp. 340 – 350.
1. A. Dheepanchakkravarthy, K. Venkatraman, M. P. Selvan, S. Moorthi & **M. Venkata Kirthiga** “Capability evaluation of four-leg DSTATCOM for compensating multifarious loads”, **Australian Journal of Electrical and Electronics Engineering**, Taylor and Francis, 13:4, 229-243, DOI: 10.1080/1448837X.2017.1407015, 2017.