Dr.V.Suresh Kumar

List of Publications

Journal

1. P.Madasmy and **V.Suresh Kumar**, "A three-phase transformer less T-type-NPC-MLI for grid connected PV systems with common-mode leakage current mitigation", **Energies,** Vol.12, Issue 12, June 2019, pp. 1-25, Doi.org/10.3390/en12122434 ISSN 1996-1073.

2. N.Pandi Selvi and **V.Suresh Kumar**, "Multilevel converter for power quality improvement", Journal of Electrical Engineering, Vol. 18 (4), Dec. 2018, pp. 297-302. ISSN 1582-4594.

3. K.Kalaiselvi, P.Renuga and **V.Suresh Kumar**, "CO_2 emission and cost reduction by integrating electric vehicles and wind energy systems with thermal power plant", **Taylor & Francis-Journal of Energy Engineering**, Vol. 115, Issue 4, May 2018, pp. 10-22. DOI: 10.1080/01998595.2018.12016669, Print ISSN: 0199-8595 Online ISSN: 1546-0118.

4. K.Kalaiselvi, P.Renuga and **V.Suresh Kumar**, "ELM-ANFIS Based Controller for Plug-In Electric Vehicle to Grid Integration", **Technical Gazette**, Vol. 25 (1), May 2018, pp. 15-22. DOI: 10.17559/TV-20150209073924, ISSN 1330-3651(Print) ISSN 1848-6339 (Online).

5. R.Karthika and **V.Suresh Kumar**, "Artificial bee colony algorithm–based shunt active filter for sinusoidal supply and trapezoidal supply", Journal of Circuits, Systems and Computers, Vol. 27 (1), 2018, pp.1-21. ISSN 0218-1266.

6. T.Eswaran and **V.Suresh Kumar**, "Particle swarm optimization (PSO)-based tuning technique for PI controller for management of a distributed static synchronous compensator (DSTATCOM) for improved dynamic response and power quality", **Elsevier – Journal Applied Research and Technology**, 15(2017), pp. 173-189.

7. R.M.Sasiraja, K.Muthulaksmi, **V.Suresh Kumar**, T.Abinaya, "PSO based optimal distributed generation placement and capacity by considering harmonics limits", **Technical Gazette,** Vol. 24 (2), 2017, pp. 391-398.

8. A.S.S.Murugan and **V. Suresh Kumar**, "Determining true harmonic contributions of a sources using neural network", Accepted for publication in **Elsevier - Neurocomputing,** 173 (2016), pp. 72-80.

9. R.Karthika and **V.Suresh Kumar**, "An improved ABC algorithm based shunt active filter for non sinusoidal supply", International Journal of Advanced Engineering Technology, Vol. 7 (2), 2016, pp.153-162.

10. R.M.Sasiraja, **V.Suresh Kumar**, S.Ponmani, "An elegant emergence of optimal siting and sizing of multiple distributed generators used for transmission congestion relief", **Turkeys Journal of Electrical and Computer Sciences,** Vol. 23, Issue 6, 2015, pp. 1882-1895.

Conference

1. A.Safaana Begum, **V.Suresh Kumar**, "Environmental/economic dispatch incorporating renewable energy sources and plugin vehicles using NSGA-II algorithm", International Conference on Energy, Environment and Engineering, CIT, Coimbatore, 1-2, March 2016.

2. J.S.Jaysha, **V.Suresh Kumar**, "Particle swarm optimization based tuning of Kalman filter for detection of false data injection attack in smart grid", International Conference on Energy, Environment and Engineering, CIT, Coimbatore, 1-2, March 2016.