

Publications List of Dr.P.Sivakumar

1. Ron Carter, S.B., **Sivakumar, L.P.**, Premkumar, K., Selvaraj, A., Priya, M.V.“TZ-Source inverter for the speed control of three phase induction motor” International Journal of Scientific and Technology Research, 2020, 9(2), pp. 362-36
2. Ranjitha, K., **Sivakumar, P.**, Monica, M.“Smart irrigation using CARRIOTS IoT platform and IFFT algorithm for agricultural field”International Journal of Emerging Trends in Engineering Research, 2020, 8(5), pp. 1834-1838
3. **Sivakumar, L.P.**, Ron Carter, S.B., Premkumar, K., Thamizhselvan, T., Vishnu Priya, M.“Iot sourced real time pv, wind and fuel cell models for micro and nano grids” International Journal of Scientific and Technology Research, 2019, 8(12), pp. 988-993
4. Premkumar, K., Thamizhselvan, T., Vishnu Priya, M., Ron Carter, S.B., **Sivakumar, L.P.**“Fuzzy anti-windup pid controlled induction motor”International Journal of Engineering and Advanced Technology, 2019, 9(1), pp. 184-189
5. G. Soorya Priya, **LP. Sivakumar** “Analysis of antlion optimizer-based ABT for automatic generation control of an interconnected power system” was published in Springer Berlin Heidelberg pp. 1-15, May 2019 “(AUT-A1)
6. **LP. Sivakumar**, M. Arutchelvi, “Modified composite power control strategy for grid connected wind- PV systems with unbalanced nonlinear current” published in the International Transactions on Electrical Energy Systems E2587, 26 April 2018 WILEY (AUT-A1)
7. P.Arokiya Prasad, **LP. Sivakumar**, “Implementation of Digital Harmonic Controller in Smart Grid” International Journal of Pure and Applied Mathematics. Volume 119 No. 16, Jul-2018
8. P.Rathidevi, **LP. Sivakumar**, A.Rajapandiyan, “Improved Power Sharing of Wind-Diesel Penetrated Micro Grid” International Journal of Pure and Applied Mathematics. Volume 119 No. 16, Jul-2018

9. K Ranjitha, **LP. Sivakumar**, “Review on Load Frequency Control Techniques in Distributed Generation Power Systems” International Journal of Pure and Applied Mathematics. Volume 118 No. 24, Jul-2018
10. **LP. Sivakumar**, M. Arutchelvi, “Maximum power extractions in a single stage PV sourced grid connected inverter during low irradianations and nonlinear loads” published in the Renewable Energy. Volume 107, July 2017, Pages 262-270 ELSEVIER (AUT-A1)
11. **LP. Sivakumar**, M. Arutchelvi, “Analysis and Enhancement of PV Efficiency with Incremental Conductance MPPT Technique under Non-Linear Loading Conditions” published in the Renewable Energy. Volume 81, July 2015, Pages 543-550 ELSEVIER (AUT-A1)
12. M.Hidayathullah, **LP. Sivakumar**, G.Sundararajan, “Enhanced Excitation Control for DG Penetrated Power System with Wind Sourced Control” International Journal of Applied Engineering Research Volume 10, Number 9 (2015).
13. **LP. Sivakumar**, M. Arutchelvi, “Enhanced Controller Topology for Photovoltaic Sourced Grid Connected Inverter Under Unbalanced Nonlinear Loading” was published in Journal of Power Electronics Vol. 14, No. 2, pp. 369-382, March 2014 (<http://dx.doi.org/10.6113/JPE.2014.14.2.000>)(AUT-A1)
14. **LP. Sivakumar**, M. Arutchelvi, “Control of Grid Converters for PV Array Excited Wind-Driven Induction Generators with Unbalanced and Nonlinear Loads” was published in the International Journal of Electrical Power and Energy Systems Vol. 59, pp.188–203, Jul 2014 (10.1016/j.ijepes.2014.02.019) ELSEVIER (AUT-A1)
15. P. Suganya, **LP. Sivakumar**, “Modified Direct Power Control of PV Sourced Inverter” Journal of Applied Sciences, Vol. 14, No14. pp. 1536-1542, Year 2014.
16. **LP. Sivakumar**, A Rajapandiyan “Enhanced OPF for DG Penetrated Power System Network under Variable Load Conditions” Advanced Materials Research Vols. 984-985 pp. 1301-1305, 2014.