

Dr.P.PONNAMBALAM

LIST OF PUBLICATIONS

INTERNATIONAL JOURNAL PUBLICATIONS:

1. Kola Muralikumar and **P. Ponnambalam** “Analysis of Cascaded Multilevel Inverter with a Reduced Number of Switches for Reduction of Total Harmonic Distortion” IETE Journal of Research Taylor and Francis, 2020
2. Murthy Priya, **Pathipooranam Ponnambalam**, Kola Muralikumar,”Modular-multilevel converter topologies and applications – a review”, IET Power Electronics, vol. 12, no. 2, pp. 170-183, 20 2 2019
3. Challa Babu, **P Ponnambalam**,” The theoretical performance evaluation of hybrid PV-TEG system”, Energy Conversion and Management 173 (2018) Elsevier, 450-460
4. Challa Babu, **P Ponnambalam**, “The role of thermoelectric generators in the hybrid PV/T systems: A review”, Energy Conversion and Management 151 (2017) Elsevier, 368-385
5. **P Ponnambalam**, Muralikumar.K, Vasundhara.P, Sreejith.S, Challa. Babu, “Fuzzy Controlled Switched Capacitor Boost Inverter” Energy Procedia 117 (2017) Elsevier, 909–916
6. **P.Ponnambalam**, M. Praveenkumar, Challa Babu, P. Dhambi Raj, “Analysis of Stacked Multicell Converter with Fuzzy Controller”, Advances in Intelligent Systems and Computing (Springer), Vol 546, pp 318-330, 2017
7. **P.Ponnambalam**, K. Aroul, P.Prasad reddy, K. Muralikumar, “Analysis of Fuzzy Controller for H-bridge Flying Capacitor Multilevel Converter”, Advances in Intelligent Systems and Computing (Springer), Vol 546, pp 307-317, 2017
8. **P.Ponnambalam**, M. Praveenkumar, V. Surendar, G. Gokulakrishnan, “Fuzzy Controller for flying capacitor multicell inverter”, Advances in Intelligent Systems and Computing (Springer), Vol 436, pp 521-535, 2016
9. **P.Ponnambalam**, B. Shyam sekhar, M. Praveenkumar, V. Surendar, P. Raviteja, “Fuzzy Controller for Reversing Voltage Topology MLI”, Advances in Intelligent Systems and Computing (Springer), Vol 436, pp 617-632, 2016
10. Sreejith. S, Velamuri Suresh, **P.Ponnambalam**, “Static Economic Dispatch Incorporating UPFC using Artificial Bee Colony Algorithm”, Advances in Intelligent Systems and Computing (Springer), Vol 436, pp 757-769, 2016
11. Sreejith. S, Velamuri Suresh, **P.Ponnambalam**, “Static economic dispatch incorporating windfarm using Flower pollination algorithm”, Perspectives in Science (Elsevier), Vol 8, pp 260-262, 2016
12. K. Yamini, B. Vasudha, Avinash Sharma, **P.Ponnambalam**, “Implementation of Fuzzy Logic Controller for Cascaded Multilevel Inverter with Reduced Number of Components”, Indian Journal of Science and Technology, Vol 8(S2), pp 278–283, 2015