

## **LIST OF PUBLICATIONS**

### **Dr. P.Ponnambalam**

Associate Professor, School of Electrical Engineering (SELECT), VIT University, Vellore.

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, PathipooranamPonnambalam , Kola Muralikumar,”Modular-multilevel converter topologies and applications – a review”, IET Power Electronics, vol. 12, no. 2, pp. 170-183, 20/ 2/ 2019
3. ChallaBabu, P Ponnambalam,” The theoretical performance evaluation of hybrid PV-TEG system”, Energy Conversion and Management 173 (2018) Elsevier, 450-460
4. ChallaBabu, 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, ChallaBabu, 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.Prasadreddy, 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. Shyamsekhar, 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