

## List of Publications.

### • Published

- 1) **K. M. Shafquat Ullah**, A. I. Maswood, M. Tariq, H. D. Dehghani Tafti and A. Tripathi, "Parallel Operation of Unity Power Factor Rectifier for PMSG Wind Turbine System," in IEEE Transactions on Industry Applications.
- 2) **Md Shafquat Ullah Khan**, Ali I. Maswood, and Md Tariq, "Operation of Parallel Unity Power Factor Passive Front End Rectifier for PMSG Based Offshore Wind Turbine System," in Power Electronics, Drives and Energy Systems (PEDES), 2016
- 3) **Md Shafquat Ullah Khan**, Ali I. Maswood, H D Tafti, M M Roomi and Md Tariq, "Control of Bidirectional DC/DC Converter for Back to Back NPC-based Wind Turbine System under Grid Faults," in International Conference on the Developments in Renewable Energy Technology, 2016
- 4) M. T. Iqbal, A. I. Maswood, **M. S. U. Khan** and M. Tariq, "Unified harmonic based power calculation for the bidirectional dual active bridge," in Electronics Letters, vol. 54, no. 19, pp. 1137-1139, 20 9 2018.

### • Accepted

- 1) *BOOK CHAPTER: Md Shafquat Ullah Khan* "Advanced Multilevel Converters and Applications in Grid Integration.", Wiley Publishing. (Due in December 2018)
- 2) **K. M. Shafquat Ullah**, A. I. Maswood, K. Satpathi, M Tauquir Iqbal and A. Tripathi "Analysis of Brushless Wound Rotor Synchronous Generator with Unity Power Factor Rectifier for Series Offshore DC Wind Power Collection", IECON 2018.

### • Submitted

- 1) K. M. Shafquat Ullah, A. I. Maswood, H.D. Tafti, M Tariq and A. Tripathi "Reliability and Economic Feasibility Analysis of Parallel Unity Power Factor Rectifier for Wind Turbine Systems", IET RPG.
- 2) J K Kambrath, K M Shafquat Ullah, Y. Wang, Ali I. Maswood and Yong-Jin Yoon "A Novel Control Technique to Reduce the Effects of Torsional Interaction in Wind Turbine System", Journal of Emerging and Selected Topics in Power Electronics.