# Publications

## Journal Papers:

1. Naimul Hasan, Ibraheem and **Yudhishthir Pandey**, **"**A New look in transmission loss allocation with Aggregate Invariance**",** *International Journal Engineering Research and Informatics(IJERI),* vol-I, Issue-I, March-2014

2. Naimul Hasan, Ibraheem and **Yudhishthir Pandey**, **"**Optimal Power Flow: Comparison of DCOPF and ACOPF**",** Indian Journal of Power and River Valley Development (IJPRVD), Vol. 86, Issue-V, August 2018

3. Naimul Hasan, Ibraheem and **Yudhishthir Pandey**, **"**A Novel Technique for Transmission Loss Allocation in Restructured Power System**",** *Journal Electrical Engineering and Technology-2019 (SCI Indexed) (Accepted)*

4. Naimul Hasan, Ibraheem and **Yudhishthir Pandey***, "A New Algorithm for Cost and Carbon Emission Reduction Using Linear Programming Relaxation and Mixed-Integer Linear Programming, communicated in MPCE (SCI Indexed) (Under review Process)*

## Conference Proceedings:

1. Naimul Hasan, Ibraheem and **Yudhishthir Pandey**, "Transmission loss allocation using fairness index in deregulated market", *International IEEE Conference 28-29 November CIPECH-2014* (Paper is available on IEEE explore website)

2. Naimul Hasan, Ibraheem and **Yudhishthir Pandey**, "Transmission Loss Allocation in Restructured Power system with Optimization loss criterion", *International IEEE Conference 22-24 October ICPEICES-2018*

3. Mohammed Aslam Husain, Arif Iqbal, **Yudhishthir Pandey**, Dr. S. P. Singh, and Abu Tariq, "A novel fast alternative Duty (FAD) MPPT procedure for Solar PV Hybrid Vehicles" in UPCON-2018 5th IEEE International Conference, organized by MMMUT, Gorakhpur, during November 02-04, 2018. (Paper is available on IEEE explore website)

4. Shivam Maurya, Kavita Singh, Dheeraj Mishra, and **Yudhishthir Pandey**, "Cascaded H-Bridge Multilevel Inverter" in ICECCT 3rd IEEE International Conference, organized by SVS College of Engineering, Coimbatore during February 20-22, 2019

5. Naimul Hasan, Ibraheem and **Yudhishthir Pandey**, **"**Performance Improvement of Pool/Bilateral Dispatch**",** National *IEEE Conference 16-17 December NEEC-2011*