

## LIST OF PUBLICATIONS

### JOURNALS

1. **Ekta Purwar**, D. N. Vishwakarma, and S. P. Singh, "A Novel Constraints Reduction-Based Optimal Relay Coordination Method Considering Variable Operational Status of Distribution System with DGs," *IEEE Transactions on Smart Grid*, vol. 10, issue: 1, pp. 889 – 898, Jan. 2019. (DOI: 10.1109/TSG.2017.2754399)
2. **Ekta Purwar**, S. P. Singh, and D. N. Vishwakarma, "A Robust Protection Scheme Based on Hybrid Pick-Up and Optimal Hierarchy Selection of Relays in the Variable DGs-Distribution System", *IEEE Transactions on Power Delivery*, vol. 35 , issue. 1, pp. 150 – 159, Feb. 2020. (DOI: 10.1109/TPWRD.2019.2929755)
3. **Ekta Purwar**, S. P. Singh, and D. N. Vishwakarma, "A Smart Comprehensive Constraints Reduction Relays Coordination Approach for the Variable Active Distribution Systems", *IEEE Transactions on Smart Grid*, 2020. (Under Revision)
4. **Ekta Purwar**, S. P. Singh, and D. N. Vishwakarma, "A Novel Approach for Fault Localization and Relays Coordination for Active Distribution Systems considering Information loss", *IEEE Transactions on Power Delivery*, 2020. (Under Review)

## CONFERENCES:

1. **Ekta Purwar**, D. N. Vishwakarma and S. P. Singh, “A New Adaptive Inverse-Time Protection Scheme for Modern Distribution Systems with Distributed Generation,” **IEEE PES Conference, Innovative Smart Grid Technologies (ISGT 2017)**, at Washington D.C., U.S.A., 24-26 April 2017.
2. **Ekta Purwar**, D. N. Vishwakarma and S. P. Singh, “Planning a Comprehensive Protection Scheme Considering Distributed Generation,” **4<sup>th</sup> IEEE International Conference on Power, Control & Embedded Systems (ICPCES-2017)**, at MNNIT Allahabad, India, 9-11 March 2017.
3. **Ekta Purwar**, D. N. Vishwakarma and S. P. Singh, “Inclusion of Dfact-active fault current limiter considering coordination of relay with DG,” **IEEE International Conference on Emerging Trends in Electrical, Electronics and Sustainable Energy Systems**, at KNIT Sultanpur, U.P., India, 11-12 March 2016.
4. **Ekta Purwar**, D. N. Vishwakarma and S. P. Singh, “Optimal relay coordination for grid connected variable size DG,” **6<sup>th</sup> IEEE International Conference on Power Systems**, at IIT Delhi, 4-6 March 2016.
5. **Ekta Purwar** and S. P. Singh, “A Novel Online Protection Scheme based on Hybrid Grading technique for variable Active Distribution Systems”, 21<sup>st</sup> **National Power Systems Conference (NPSC 2020)**, Gandhinagar, Gujarat, Dec. 17–19, 2020.

