

## Publications

### International Journal

1. **Soreng, B.** and Pradhan, R., 2021. Comparative analysis of some remarkable islanding detection techniques in inverter-based distributed generation systems. *Electric Power Components and Systems*, 49(8), pp.806-827.
2. **Soreng, B.** and Pradhan, R., 2021. Optimal controller design for an islanded microgrid during load change. *International Journal of Grid and Utility Computing*, 12(3), pp.237-252.

### National Journal

1. **Soreng, B.** and Pradhan, R., 2021. An Optimal Islanding Detection Scheme for an Inverter-based Distribution Generation System. *Distributed Generation & Alternative Energy Journal*, pp.169-202.

### International Conferences

1. **B. Soreng**, S. Kumar, Efficient implementation of Convolution Encoder and Viterbi Decoder, 2013 International Conference on Circuits, Power and Computing Technologies (ICCPCT), 20-21 March 2013, Nagercoil, India
2. **B. Soreng**; R. Garnayak; and R. Pradhan, A Synchronous Reference Frame based PLL Control for a Grid-Tied Photovoltaic System, 2017 International Conference on Current Trends in Computer, Electrical, Electronics and Communication (CTCEEC), 08-09 September 2017, Mysore, India
3. **B Soreng**, P Behera, R Pradhan, Design of a grid integrated PV system with MPPT control and voltage oriented controller using MATLAB/PLECES, IOP Conference Series: Materials Science and Engineering, Visakhapatnam, India, August 2017.
4. **B Soreng**, R Pradhan, P Jena, Islanding Detection of Inverter based Grid Tied Photovoltaic System in Microgrid using Maximum Power point Tracking Method, 2023 International Conference on Power Electronics and Energy (ICPEE), 03-05 January 2023, Bhubaneswar, India