

PUBLICATIONS

- N. K. Choudhary, S. R. Mohanty and R. K. Singh, "Impact of distributed generator controllers on the coordination of overcurrent relays in microgrid," *Turkish Journal Electrical Engineering & Computer Science*, 2016 (Accepted).
 - N. K. Choudhary, S. R. Mohanty and R. K. Singh, "Protection schemes and Protection coordination strategies in microgrid: A review," *Renewable & Sustainable Energy Review* (Under review).
 - N. K. Choudhary, S. R. Mohanty and R. K. Singh, "Coordination of Overcurrent Relay in Distributed System for Different Network Configuration," *Journal of Power and Energy Engineering*, 2015: 3, 1-9.
 - N.K. Choudhary, S.R. Mohanty, R.K. Singh, "Active and reactive power management in microgrid: Analysis in grid connected and islanded mode of operation," *Indian Journal of Science and Technology*, 2016; 9(21):1-8.
 - N.K. Choudhary, S.R. Mohanty, R.K. Singh, "Protection Coordination of Over Current Relays in Distributed System for Different Operating Modes," in 12th *IEEE India International Conference INDICON*, 17-20 Dec, 2015.
 - N. K. Choudhary, S. R. Mohanty and R. K. Singh, "Protection coordination of over current relays in distribution system with DG and superconducting fault current limiter," *Power Systems Conference (NPSC), 2014 Eighteenth National*, Guwahati, 2014, pp. 1-5.
 - N. K. Choudhary, S. R. Mohanty and R. K. Singh, "A review on Microgrid protection," *Electrical Engineering Congress (IEECCON), 2014 International*, Chonburi, 2014, pp. 1-5.
 - A. Patel, S. Mondal, A. K. Tiwari and N. K. Choudhary, "Impact of distributed generation on coordination of overcurrent relays in a benchmark distribution system," *2016 IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES)*, Delhi, India, 2016, pp. 1-6.
 - S. K. Kaper and N. K. Choudhary, "A review of power management and stability issues in microgrid," *2016 IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES)*, Delhi, India, 2016, pp. 1-6.
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- S. K. Kaper, A. Kumar and N. K. Choudhary, "A novel approach of load sharing and busbar voltage regulation using Busbar voltage stabilizing controller in autonomous DC Microgrid," *2016 IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES)*, Delhi, India, 2016, pp. 1-6.
- Saloni Mishra, Niraj Kumar Choudhary and Ravindra Kumar Singh, "Analysis and Comparison of Different Control Methods for Switched-Inductor Quasi-Z Source Inverter", *International Conference on Electrical, Electronics & Computer Science Engineering*, 26th May-2013, New Delhi.
- Shweta Gupta, Niraj Kumar Choudhary and Ravindra Kumar Singh, "Interfacing of photovoltaic system to utility grid using single-stage three-phase boost inverter", *National Conference on Electrical Systems & Engineering Technologies (ESET-2013)*, NIT Hamirpur, June 28th-29th, 2013.

SHORT TERM COURSE/ SEMINAR/ WORKSHOP ATTENDED/ ORGANIZED

- Organized a one week short term course as a convener on "Advances in Power Technologies (APT-2017)" during May 15-20, 2017 at the Department of Electrical Engineering, MNNIT Allahabad.
- Organized "Summer Internship Program in Electrical Engineering (SIPEE-2017)" as a co-coordinator during June 19, 2017 to July 14, 2017 at the Department of Electrical Engineering, MNNIT Allahabad.
- Attended three day workshop on "A Multi dimensional Smart Energy Grid Analysis for Indian Scenario", organized by School of Computing & Electrical Engineering, IIT Mandi.
- Attended a one week short term course on "Alternative Sources of Energy for Sustainable Development (ASESD-2017)" during March 27th-31st, 2017, organized by Department of Mechanical Engineering, MNNIT Allahabad.
- Attended a two day Workshop on "Energy Efficiency Management (EEM-2017)" during March 24-25, 2017, organized by Department of Chemical Engineering, MNNIT Allahabad.
- Attended Training cum Workshop on "RTDS", held at IIT Kanpur during 11-12 June 2013.
- Attended self-financed Short-Term course on "AI and Mathematical Techniques for Modern Power System", held at EED, MNNIT Allahabad during June 24-28, 2013.
- Attended self-financed Short-Term course on "Electric Power Control", held at EED, MNNIT Allahabad during July 18-22, 2013.

EXPERT LECTURE/ SESSION CHAIRED

- Expert Lecture on “Introduction to Microgrid”, at SRMGPC, Lucknow on April 5th, 2014.
 - Chaired Technical Session-5 on “Power Systems” in IEEE sponsored „ICCCCM-2013”, August 03-04, 2013, UII, Allahabad.
 - Chaired Technical Session in IEEE sponsored 'SCES-2015', in 2015, at MNNIT Allahabad.
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