

Dr. Vivek Pandya
Associate Professor
Electrical Engg Department
Pandit Deendayal Petroleum University

Journals:

- I. Bhinal Mehta, Praghnes Bhatt, and **Vivek Pandya**, “Small signal stability analysis of power systems with DFIG based wind power penetration” [International Journal of Electrical Power & Energy Systems](#) 06/2014.
- II. Bhinal Mehta, Praghnes Bhatt, and **Vivek Pandya**, “Modelling of Fixed Speed Squirrel Cage Induction Generators for Small Signal Stability Assessment” [International Journal of Electrical Power & Energy Systems](#) 06/2014
- III. **V.J.Pandya** and S.A.Kanitkar, “Protection of Series Compensated Transmission Line using Wavelet Transforms Journal of World Academy of Science, Engineering and Technology(WASET), Volume 27, February 2008.
- IV. **V.J.Pandya** and S.A.Kanitkar, “Current Differential Pilot Relaying Protection of Series Compensated Transmission Line using Wavelet Transforms”, ICFAI Journal of Electrical and Electronics Engineering (IJEEE), Issue 4, October 2008.
- V. Hemant Joshi and **Dr. V.J.Pandya**, “Real Time Pricing Based Power Scheduling For Domestic Load In Smart Grid”, Published in International Journal of Power System Operation and Energy Management ISSN (PRINT): 2231 – 4407, Volume-2, Issue-1,2.
- VI. **Vivek Pandya**, “Microprocessor based Distribution Relays Application and Economy”, Journal of Engineering & Technology, Sardar Patel University, March 2001.

Conference papers:

- I. **V.J.Pandya** and S.A.Kanitkar, “Fundamentals and Thrust areas in Distance Protection for Transmission Lines”, In Proceeding of ETA-2005, National Conf; SU, Rajkot, India,1-2 October, 2005.
- II. **V.J.Pandya** and S. A. Kanitkar, “Recent Trends in Power System Protection with emphasis on Protection aspects of Series Compensated Lines”, In Proceeding of RTPS, National Conf; SNIST Hyderabad, India, 30Nov.-1 December, 2005.
- III. **V.J.Pandya** and S.A.Kanitkar, “Advantages of Series compensation and Distance Protection Aspects”, In The Proceeding NPEC-2005, National Conf; TCE, Madurai, India, 16-17 December, 2005, pp. 181-185.
- IV. **V.J.Pandya** and S. A. Kanitkar, “Emerging Trends in Power system Protection with a

birds eye on Distance Protection aspects of Series compensated transmission Line”, In Proceeding PERI 2005, Int. Conf; CPRI Bangalore,20-22 December, 2005.

- V. **V.J.Pandya** and S.A.Kanitkar , “A Novel Technique for Distance Protection of series Compensated Transmission Line”, In Proceeding IEEE RACE-2007, Int. Conf; Engineering College, Bikaner, India, 24-25 March, 2007.
- VII. **V.J.Pandya** and S.A.Kanitkar , “A Novel Unit Protection for Series Compensated Transmission Line using wavelet Transform”, IEEE PES CIGRE AUPEC-2007,Int. Conf.; Curtin University of Technology, Perth, Australia, 9-12 December, 2007.
- VIII. **V.J.Pandya** and S.A.Kanitkar, “Protection of series Compensated Transmission Lines using wavelet Transform”, IEEE PES ICPS-2007, Int. Conf; CPRI Bangalore, India, ,12-14 December, 2007.
- IX. Siddharth Joshi and **Dr. V.J.Pandya**, "A Brief Survey on Wind Energy Conversion Systems & Modeling of PMBLDCG based Wind Turbine ", Proceedings of PESA 2013,NIT, Rourkela.
- X. Hemant Joshi and **Dr. V.J.Pandya**, “Appliance Scheduling Approach To Reduce Peak Demand And Cost Of Energy For Home in Smart Grid”, Proceedings of International Conference on Electrical Conference on Electrical & Computer Science,Goa,2012.
- XI. **Dr. V.J.Pandya**, Jaimin Jha and Shreya Shukla, “Collapse of Northern Power Grid 2012: Review Analysis and Recommendations”, IEEE, ESW, Sept. 2013.
- XII. Bhinal Mehta, **Dr.V.J.Pandya**, Dr. Pragnesh Bhatt: , “Analysis of Wind Power Penetration With DFIG on Small Signal Stability of Power Systems Equipped With AVR & PSS”, Proceedings of CERA-2013, October-2013, Indian Institute of Technology, Roorkee