

Mr. Siddharth Joshi

Lecturer
Electrical Engg Department
Pandit Deendayal Petroleum University

Publications:

Journals:

1. Siddharth Joshi, Ankit Patel, Pinkal Patel, Vinod Patel, “Wind Energy - A Brief Survey With Wind Turbine Simulations”, IJJCET (International Joint Journal) Singapore.
2. Siddharth Joshi , Devang Shah, Pinkal J. Patel, Vinod Patel Wind Turbine Shut Down and Restart Operations – A Test on 800kW WECS; International Journal of Advances in Engineering Sciences; <http://journals.rgsociety.org/index.php/ijse>; Rohtak.
3. Siddharth Joshi, Pinkal Patel and Vinod Patel, LVRT Effect On 800kw Grid Connected WECS Connected With 50km Line, Global J. of Engg. & Appl. Sciences, 2011: 1 (4), Review Paper: Siddharth et al., 2011: Pp.36-38.

Conference papers:

1. Published and presented a research paper on DC Drive employing DC chopper in NCETT 2010 at VNS Institute of Technology, Bhopal. **(During 2nd Sem of ME)**
2. Siddharth Joshi, Pinkal Patel, Vinod Patel, “A Brief Survey on Wind Energy and Wind Turbine Simulations connected with PMSG”, National conference at Parul Institute, Waghodia, Baroda on 4th and 5th December, 2010.
3. Siddharth Joshi, Pinkal Patel, Vinod Patel, Kaushal Patel, “Wind Energy Conversion System using PMSG”, NUiCONE 2010 organized by Institute of Technology, Nirma University on 9th, 10th and 11th December 2010.
4. Siddharth Joshi, Pinkal Patel, Vinod Patel, “Wind Energy Conversion System – Grid Connected Wind Turbine with PM Generator”, ICSE11- International Conference on Science & Engineering, HUDA Sector 4, Rohtak, Haryana. (INDIA) held at Rohtak Gymkhana on 21st, 22nd and 23rd January, 2011.

5. Siddharth Joshi, Rhuta Mehta, Pinkal Patel, Vinod Patel, Kaushal Patel, “Wind Energy Conversion System PSIM Oriented Open and Close Loop Simulation”, ICISSET – International Conference on Innovative Science & Engineering Technology 2011 held at VVP Engineering College, Rajkot on 8th and 9th April 2011.
6. Siddharth Joshi B. Pinkal Patel C. Vinod Patel D. Mihir Oza; 800kW - Wind turbine detail modeling Wind turbine model with Pitch control, NCTM 2012, National Conference, Sankalchand Patel College of Engineering, Visnagar, January 20-21, 2012. **(Won young Scientist Award)**
7. Siddharth Joshi, Sanjay Narsiyan, Pinkal Patel, Vinod Patel, “LVRT phenomenon on 800kW Wind Energy Conversion System (Momentary L-L fault)”, ITES-2012, International conference, V.V.P. Engineering College, Rajkot held on 22nd -23rd December, 2012. **(Won session best paper award)**
8. Siddharth Joshi, Dr. V. J. Pandya, “A Brief Survey on Wind Energy Conversion Systems & Modelling of PMBLDCG based Wind Turbine”, 1st National Conference on Power Electronics Systems & Applications, PESA 2013, NIT, Rourkela, March 16th and 17th, 2013.
9. Siddharth Joshi, Astik Dhandhia, Dr. Vivek Pandya, “Momentary L-G Fault Analysis in 800kW Grid Tied Wind Energy Conversion System”, National Conference, ITM Universe, Vadodra, January 17th and 18th, 2014.
10. Mr. Siddharth Joshi, Dr. Vivek Pandya, Dr. Bhavesh Bhalja, “**PSIM based Simulation on Maximum Power Point Tracking and MPPT Efficiency for Wind and Solar Energy Conversion Standalone System**”, 2014 International Conference on Green Materials and Environmental Engineering (GMEE2014), Hong-kong.
11. Siddharth Joshi, Dr. Vivek Pandya, Dr. Bhavesh Bhalja, “Maximum Power Point Tracking and MPPT Efficiency for Wind and Solar Energy Conversion Standalone System - PSIM based P&O Method”, INDICON 2014 (IEEE), December 11 to 13, 2014 at YASHADA, Pune.