

LIST OF PUBLICATIONS

Ms. Nivedita Pande (Mrs. Padole)

Journals:

- S. P. Gawande, M. R. Ramteke, **N. Pande**, “Improved Equal Current Approach for Reference current Generation in shunt Applications under Unbalanced and Distorted Source and Load conditions” *IET Generation, Transmission & Distribution*, Vol. 10, no.4, pp. 995-1005, March 2016.
- **Nivedita S. Pande**, S. P. Gawande, M. R. Ramteke, D. R. Tutakane, “A Comparison of Different Formulations Comprising of D-STATCOM under Unbalanced and Distorted Load Condition”, *International Journal of Research in Engineering and Applied Sciences*, Vol. 02, No. 3, pp. 67-74, July 2015.

Conferences (IEEE):

- **Nivedita Pande**, S. P. Gawande, M. R. Ramteke, “Control of DSTATCOM under Unbalanced and Distorted Voltages using Synchronous Detection Method for Load Compensation”, *IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE)*, May 09-11, 2014, Jaipur, India.
- **Nivedita Pande**, Resham Tondare, S.P. Gawande, M.R. Ramteke, P. D. Debre, “Analysis of Conventional Inverter Topologies for High Voltage Distribution System in Shunt Applications”, *IEEE Power, Communication and Information Technology Conference (PCITC)*, March 2016, Bhubaneswar, India.
- **Nivedita Pande**, S.P. Gawande, M.R. Ramteke, P. D. Debre, A. D. Kadu” Power Quality Improvement of a Non-stiff System using DSTATCOM with State Feedback Switching Control”, *IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS)*, Aug 2017, Chennai, India.
- Akshay Kadu, Prashant Debre, **Nivedita Pande**, Tripti Rai, “Analysis of reduced switch multilevel inverter”, *IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS)*, Aug 2017, Chennai, India.
- Akshay D. Kadu, Prashant Debre, Rahul Juneja, **Nivedita Pande**, ”Application of STATCOM for harmonic mitigation and power factor improvement using direct current control technique”, *IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT)*, Nov 2017, Coimbatore, India.
- Payal Gharde, **Nivedita Pande**, P.D. Debre,” Load compensation of a stiff system using ISCT based D-STATCOM under unbalanced and non-linear load condition”, *IEEE International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS)*, Feb 2018, Coimbatore, India.

- **Nivedita S. Pande**, Anshu Choudhary, "Performance Analysis of Single Phase Series Active Compensator using Control Algorithm based on Unit Vector Generation", *IEEE International Conference on Innovative Trends and Advances in Engineering and Technology (ICITAEET)*, Dec 2019, Shegoan, India.
- **Nivedita Padole**, Sarla Adhau, Akshay Kadu, "Intelligent Automation based Gas Valve Control Mechanism in Biogas Plant", *IEEE International Conference on Intelligent Sustainable Systems (ICISS)*, Dec 2020, Thoothukudi, India.