

List of Publications

LIST of PAPER- Based on the work described in Thesis
(Presented/Published in National/International Conference/Symposiums/
Journals and Indexed in Databases)

List of Publication

1. Mehul Dansinh Solanki, Joshi S.K. (2021) 'Control of Electric Spring: A LeadLag Compensated Approach', Journal of The Institution of Engineers (India): Series B, Springer Nature, , 1-8. doi: 10.1007/s40031-021-00553-1.

List of Paper Presented at Conferences

1. Mehul Dansinh Solanki, Joshi S.K., 'Review of electric spring: A new smart grid device for efficient demand dispatch and active and reactive power control', IEEE Clemson University Power Systems Conference (PSC)-2016.
2. Mehul Dansinh Solanki, S K Joshi, 'Recapitulation of electric spring: A smart grid device for real time demand side management and mitigating power quality issues', IEEE National Power Systems Conference (NPSC), 2016.
3. Mehul Dansinh Solanki, S K Joshi, 'Taxonomy of Electric Springs: An enabling Smart', Grid technology for effective Demand Side Management', IEEE - INDICON-2015.
4. Utsav Yagnik, Mehul Dansinh Solanki, 'Comparison of L, LC & LCL filter for grid connected converter', IEEE-ICEI-2017.

List of Paper Submitted to the Reputed Journals (Under Review)

1. Mehul Dansinh Solanki, Joshi S.K. 'Linear Matrix Inequality Approach for Robust State Feedback Control of Electric Spring: A Device for the Real Time Demand Side Management', Taylor & Francis's Journal of The Electric Power Components and Systems.
2. Mehul Dansinh Solanki, Joshi S.K. 'Robust and Low Cost Cascaded-PI Control of Electric Spring using Filtering Capacitor Current as Minor Current Loop Feedback', Elsevier's Journal of Electric Power Systems Research.