List of Publications

WEB OF SCIENCE AND SCOPUS INDEXED JOURNALS:

1. Mudita Juneja, Dr. S.K.Nagar, Dr. S.R.Mohanty, "ABC based reduced order modelling of microgrid in grid-tied mode", *Control Engineering Practice*, 84, pp. 337-348, 2019.

2. Mudita Juneja, Dr. S.K.Nagar, "An improvement in LQR controller design for TLIP system via model order reduction*", International Journal of Engineering Research and Technology*, 11(12), pp. 1891-1900, 2018.

3. "PSO based reduced order modelling of Autonomous AC Microgrid considering state perturbation" (*Automatika*-Minor Revision)

4. "Robust optimization based order reduction and stability analysis of autonomous DC microgrid with consideration of nonlinearity" (Under review)

5. "Robust control of an interlinking converter using swarm intelligence algorithms" (Under review)

IEEE CONFERENCES:

1. Mudita Juneja, Dr. S.K.Nagar, "Particle Swarm Optimization algorithm and its parameters: A Review" IEEE 2016 International Conference on Control, Computing, Communication and Materials (ICCCCM), pp. 1 – 5.

2. Mudita Juneja, Dr. S.K.Nagar. "Comparative Study of Model Order Reduction using Combination of PSO with Conventional Reduction Techniques", IEEE 2015 International Conference of Industrial Instrumentation and Control, ICIC 2015; Pune, India; 2015, pp. 406-411.