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Area of Specialization: Power Systems

Publications of Last Five Years:

1. Shanmugapriya, S. and Maharajan, D., A fast Broyden's approximation-based weighted least square state estimation for power systems. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, p.e2831, Nov-2020. (SCI)
2. Maharajan, D., Mohanraj, K., Vignesh, R., Muralikrishna, A.T., Athreya, M. and Boopathi, V.P., 2020. Analysis of Sub-Synchronous Resonance in DFIG based Wind Farm. Solid State Technology, 63(3), pp.619-630. (SCOPUS)
3. Maharajan, D., Kanakaraj, P., Anirudh, K.K., Arun, R., Das, S. and Devi, R.K., 2020. PyPowerFlow-Python Based Open Source Software for Power System Analysis. Solid State Technology, 63(3), pp.3006-3022. (SCOPUS)
4. D Maharajan, RP Kumudinidevi, V Preethakumari, C Selvendiran , “A Novel Method of Equivalencing DFIG based Wind Farm for Stability Studies” Indian Journal of Science and Technology 9 (38), 1-7, Sep-2016. (SCI)
5. D Maharajan, RP Kumudinidevi, Mohanraj K , “ Validation of single and multi-equivalent wind turbine generators for stability studies”, JAC, vol.12 (25), PP-5700-5710.
6. Kolluru Srinivas, D.Maharajan, “Enhancement of low voltage ride through capability of wind farm using super conducting magnetic energy storage”. IAETSD Journal for Advanced Research in Applied Sciences, Volume 4, Issue 1, Jan-June /2017 ISSN (Online): 2394-8442.
7. Ishani Stuti, D. Maharajan, Aditya Sripada, Chandana Cherlopalli, “Speech Controlled Robot Scribe” to the International Conference on Automation, Robotics and Mechatronics (ICARM2017) held at SRM University May 2017.