Dr.P.Raja
Associate Professor
#EEEF13, Electrical and Electronics Engineering,
NIT Trichy -620015
Email:praja@nitt.edu;
Phone: 0431-2503264

JOURNALS

1. J Ganesh Moorthy, Sumit Manual, S Moorthi and P. Raja, "Performance analysis of soalr PV based DC optimizer distributed system with simplified MPPT method", Springer *Journal on SN Applied Sciences, | https://doi.org/10.1007/s42452-020-2010-2, available on-line*, January 2020.

2. Suryanarayana G, Raja P , Selvan M P and VenkataKirthiga Murali., "An Effective Algorithm for Fault Discrimination and Estimation of Fault Location in Transmission Lines", *IET Generation, Transmission and Distribution*, 10.1049/iet-gtd.2018.5815, available on-line, May 2019.

3. Vijayapriya, R, **Raja, P**. and Selvan, M.P., "Systematised Active Power Control of PMSG-based Wind-driven Generators", *IEEE Systems Journal*, Vol. 14, No.1 , March 2020, pp. 708 – 717.

4. G. Suryanarayana, G. Kesava Rao, S. Sarangi and **Raja, P**., "Directional relaying using parameter estimation approach", *Electrical Power and Energy Systems, an International Journal, Elsevier*, Vol. 107, December 2018, pp. 597-604.

5. Vijayapriya, R, **Raja, P**. and Selvan, M.P., "A Modified Active Power Control Scheme for Enhanced Operation of PMSG based WGs", *IEEE Transactions on Sustainable Energy*, Vol. 9, No.2 , April 2018, pp. 630 – 638.

6. Vijayapriya, R., **Raja, P**. and Selvan, M.P**.**, "Enhanced Method of Rotor Speed and Position Estimation of Permanent Magnet Synchronous Machine based on stator SRF-PLL", *Engineering Science and Technology, an International Journal, Elsevier*, Vol. 20, 2017, pp. 1450-1459.

7. Jithin K.K, S. Venkata Hareesh, **P. Raja** and M.P. Selvan "Design and Implementation of an Algorithm for Diagnosis of Load Encroachment in EHV Lines", *Energy Procedia, Elsevier,* 117(2017), 519-526.

8. K. Sujita Kumar Achary and **P. Raja** "Adaptive design of Distance relay for series compensated transmission line" *Energy Procedia, Elsevier*, 117(2017), 527-534

9. Venkatraman, K., Moorthi, S., Selvan, M.P., **Raja, P**. and Deepa Kurup, "Predictive current control of DSTATCOM for VAR compensation of grid connected wind farms", *Journal of Renewable and Sustainable Energy* 9, 023301 (2017); doi: http://dx.doi.org/10.1063/1.4977541.

10. Venkatraman, K., Moorthi, S., Selvan, M.P. and **Raja, P**., "A Comprehensive Embedded Solution for Data Acquisition and Communication using FPGA", *Journal of Applied Research and Technology, Elsevier*,2016 In Press, SCImago Indexed ISSN: 1665-6423.

11. Venkatraman, K., Moorthi, S., Selvan, M.P., **Raja, P** and Deepa Kurup, "Performance Evaluation of FPGA-Controlled DSTATCOM for Load Compensation", *Arabian Journal of Science and Engineering,* Vol. 41, No. 9, September 2016, pp.3355-

3367, SCI Indexed ISSN: 2191-4281.

12. **P. Raja**, N. Kumaresan and M. Subbiah (2014) "An Improved Delta-Star Switching Scheme for Reactive Power Saving in Three-Phase Induction Motors" ***Frontiers in Energy,*** DOI 10.1007/s11708-014-4-8.