

List of Journal Publications:

1. J Ganesh Moorthy, Sumit Manual, S Moorthi and P. Raja, "Performance analysis of solar 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](https://doi.org/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.