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## **Publications:**

- 1. P. Rosayyan, S. Subramaniam and S. I. Ganesan, (2020) "Decentralized Emergency Service Vehicle Pre-Emption System Using RF Communication and GNSS-Based Geo-Fencing," in IEEE Transactions on Intelligent Transportation Systems, doi: 10.1109/TITS.2020.3007671.
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- 3. Akbarali, M. S., Subramanium, S. K., & Natarajan, K. (2020). Modeling, analysis, and control of wind-driven induction generators supplying DC loads under various operating conditions. Wind Engineering. (2020) https://doi.org/10.1177/0309524X20925398
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- 5. Vandavasi Harikrishna, Ramachandran Gunabalan, Subramaniam Senthil Kumar, "Pulse width modulation converter for light-emitting diode tube light applications" International Transactions on Electrical Energy Systems, (2020); DOI:10.1002/2050-7038.12294
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- 11. Akbarali, M.S., Subramanium, S.K. & Natarajan, K. J. "Real and Reactive Power Control of SEIG Systems for Supplying Isolated DC Loads" Inst. Eng. India Ser. B (2018). https://doi.org/10.1007/s40031-018-0350-
- 12.Anand, I., Agarwal, D., Senthilkumar, S. et al. A Dynamic Load Controller for a Standalone Solar PV System Employing a Dual Input/Output Biphase dc–dc Converter. J Control Autom Electr Syst 30, 812–821 (2019). https://doi.org/10.1007/s40313-019-00488-5
- 13.Anand I, Senthilkumar Subramaniam; Dipankar Biswas; Kaliamoorthy M "Dynamic Power Management System employing single-stage Power Converter for Standalone Solar PV Applications "IEEE Transactions on Power Electronics DOI: 10.1109/TPEL.2018.2804658 2108
- 14.K. Arthishri, K. Anusha, N. Kumaresan and S. Senthil Kumar, "Simplified methods for the analysis of self-excited induction generators", IET Electr. Power Appl., Vol.11, Issue. 9, 2017, pp.1636-1644. (SCIE indexed: Print ISSN: 1751-8660 and Online ISSN 1751-8679).
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- 18. Samikannu Sarojini Mary, Subramaniam Senthil Kumar, Syam Prasad Poluru & Maddikara Jaya Bharata Reddy, "A Dual DC Output Power Supply for a Stand-alone Photovoltaic System", Electric Power Components and Systems, Taylor and Francis, 2015, 43:8-10, 939-950, DOI: 10.1080/15325008.2015.1012769.
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