

LIST OF JOURNAL PUBLICATIONS

2019-2020

1. Thiagarajan V, “Simulation and Analysis of Novel Extendable Multilevel Inverter Topology”, Journal of Circuits, Systems and Computers, vol. 28, no. 6, pp. 1950089-1-1950089-25, June 2019.
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<http://new.jee.ro/index.php/jee/article/view/WI1532601869W5b59a60d18b50>
3. Anbuselvi. M, Saravanan. P, “Efficient Fuzzy Feature Matching And Optimal Feature Points For Multiple Objects Tracking In Fixed And Active Camera Models Multimedia Tools And Applications”, Multimedia Tools and Applications, Vol. 78, No.19, pp. 27245–27270, June 2019.
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4. Dr.R.Seyezhai, ASSP/EEE, R.Sasikala (part-time scholar) , “Review of AC-DC power electronic converter topologies for power factor correction”, International Journal of Power Electronics and Drive System (IJPEDS), Vol. 10, No. 3, Sep 2019, pp. 1510~1519.
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6. Dr.R.Seyezhai, ASSP/EEE & Dr. A.BharathiSankar , “Reliability Investigation of Electric Vehicle”, Springer Life Cycle Reliability and Safety Engineering journal, 2019.

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7. A.Ramya, M.Balaji, V.Kamaraj " Adaptive MF tuned fuzzy logic speed controller for BLDC motor drive using ANN and PSO technique" The Journal of Engineering(IET),Vol.2019,No.17,pp.3947-3950.
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8. Dr.R.Seyezhai, ASSP/EEE &Aishwarya, Kavitha&kaviya (passed out UG Students) , “Design, Analysis and Implementation of a Novel Soft-Switched Bridgeless Interleaved Boost PFC Converter”, International Journal of Recent Technology and Engineering, July 2019. (SCOPUS INDEXED).DOI: 10.35940/ijrte.B2866.078219
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9. Dr.R.Seyezhai, ASSP/EEE, SaradhaDevi.R, Mrudhulaa .P.V. &Priyadarshini(passed out UG Students) , “ Mitigation of Harmonics in a Grid Connected Photovoltaic Inverter”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-10, August 2019. (SCOPUS Indexed).DOI: 10.35940/ijitee.J9149.0881019
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10. Dr.R.Seyezhai, ASSP/EEE and N.Hemalatha (full-time PhD scholar), “Modified Capacitor Assisted Extended Boost Quasi Z-Source Inverter for TheGrid-Connected PV System”, IJUM Engineering Journal, Vol. 20, No. 1, 2019. (Indexed in Thomson Reuters). <https://doi.org/10.31436/iiumej.v20i1.1042>
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11. Rajini V Prof/EEE and AlaguDheeraj AP/EEE, " A novel interleaved center clamped forward converter for wide input voltage range applications" , IET power Electronics, doi: 10.1049.iet-pel.2019, 0254. IF:3.530.
<https://digital-library.theiet.org/content/journals/10.1049/iet-pel.2019.0254>
12. R. Ramaprabha, S. Iyappan and M. Pandikumar, “Implementation of Enhanced Converter Fed BLDC Drive Using Fuzzy Logic Controller” Renewable Energy Sources and Technologies, AIP Conference Proceedings 2161, 020019 (2019); <https://doi.org/10.1063/1.5127610>, Published Online: 02 October 2019
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13. Pearl Nightingale (research assistant) and DrMrunalDeshpande ASSP/EEE, “Indoor Photovoltaics and It’s Applications”, in International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-1, 1st Nov 2019 Indexed in SCOPUS, B Impact Factor-5.54.
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14. S. Devi Vidhya (Full time research scholar) and M. Balaji ASSP/EEE " Hybrid fuzzy PI controlled multi-input DC/DC converter for electric vehicle application" in Automatika, Journal for Control, Measurement, Electronics, Computing and Communications, Vol. 61, no. 1, pp.79–91,2019.
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15. S. Devi Vidhya (Full time research scholar) and M. Balaji ASSP/EEE ," Failure-mode analysis of modular multilevel capacitor-clamped converter for electric vehicle application" IET Power Electronics, , Vol. 12 no. 13, pp. 3411-3421,2019.
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16. S. Malathy and R. Ramaprabha, “Reliability and Performance Assessment of Reduced Component Count Multilevel inverter for PV Systems” Cite as: AIP Conference Proceedings 2161, 020017 (2019);
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<https://www.researchgate.net/publication/336238028> Reliability and performance assessment of reduced component count multilevel inverter for PV systems
17. S. Sangeetha, T. Divya and R. Ramaprabha, “Design and Simulation of Developed Embedded Z-Source Inverter for Photovoltaic Interface” Renewable Energy Sources and Technologies, AIP Conference Proceedings 2161, 020018 (2019); <https://doi.org/10.1063/1.5127609>, Published Online: 02 October 2019
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20. Dr.R.Seyezhai, ASSP/EEE and Dr.A.BharathiSankar , “Super capacitor/Battery based Hybrid Powered Electric Bicycle”, WSEAS Transactions on Power Systems, Vol.14, 2019. (SCOPUS INDEXED).
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35. Dr.R.Seyezhai, R.Sasikala, “Interleaved Sepic Bridgeless AC-DC Converter for PFC Applications” in the Journal of Advanced Research in Dynamical and Control Systems – JARDCS, 2020.
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37. Ms.S.Vijayalakshmi, Dr.R.Deepalaxmi, Dr.V.Rajini, “Electromechanical characterization of titanium-dioxide-filled SiR-EPDM blends” Polymers and Polymer Composites, <https://doi.org/10.1177/0967391120915344>.
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