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## **PUBLICATIONS**

1. M. Sivaramkrishnan, Dr. A. Amudha, Dr. M. Siva Ramkumar “Space Vector Technique for the DirectThree-Level Matrix Converter” in Test Engineering and Management, 83 March April 2020 pp: 2342-2353.
2. Dr.A. Amudha, Dr.M. Siva Ramkumar “Smart Time Table using Arduino with Biometric Attendance System” in Test Engineering and Management, 83 March April 2020 pp: 2561-2570 (Scopus Indexed)
3. Thiagarajan .k, Dr. M. Siva Ramkumar, Dr. A. Amudha, Dr. G. Emayavaramban, Dr.Viyathukattuva, S. Divyapriya, M. Sivaram Krishnan, Kavitha D “Simulation Study and Implementation of Non-Direct Current Controlled Shunt Active Power Filter for Power Quality Enhancement” in Test Engineering and Management, 83 March April 2020 pp: 2271-2277 (Scopus Indexed)
4. Sivashanmugam R, Dr.M. Siva Ramkumar, A. Amudha, G. Emayavaramban, Viyathukattuva , P. Nagaveni, M. Sivaram Krishnan, Kavitha D “Development of Hybrid Controller for Load Frequency Control of Hydro Thermal Power System” in Test Engineering and Management, 83 March April 2020 pp: 2585- 2594 (Scopus Indexed)
5. Mohideen Abdul Kadar, Dr. A. Amudha, Dr. K. Balachander, Dr. G. Emayavaramban, Dr.Viyathukattuva, Dr. M. Siva Ramkumar, P. Nagaveni “Improved Performance of Single-Phase Seven-Level Grid-Connected Inverter for PV System” in Test Engineering and Management, 83 March April 2020 pp: 2278-2283 (Scopus Indexed)
6. J. R. Abilash, Dr. A. Amudha, Dr. M. Siva Ramkumar, Dr. G. Emayavaramban, Dr.Viyathukattuva, P. Nagaveni “A Inductor Average Current Mode Controller Plus Proportional Integral Controller for a Bi-Directional AC-DC Power Converter with Power Factor Correction for DC Micro Grid” in Test Engineering and Management, 83 March April 2020 pp: 2529- 2544 (Scopus Indexed)
7. M. Sivaramkrishnan, Dr.A. Amudha and Dr.M. Siva Ramkumar “Modulation Techniques of the Matrix Converter Using RSV” in Journal of Advanced Research in Dynamical and Control Systems, 11(12) pp: 1041-1053 (Scopus Indexed)
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9. S. SrinivasaSadagopan, Dr.A. Amudha, Dr.M. Siva Ramkumar, Dr.Viyathukattuva, Dr.G. Emayavaramban, P. Nagaveni and S. Divyapriya, “Modeling, Simulation and Implementation of Dual Loop Controller for Super Lift LUO Converter in DC Micro Grid Application” in Journal of Advanced Research in Dynamical and Control Systems, 11(12) pp: 1025-1040 (Scopus Indexed)

10. S.N. Senthil Kumar, Dr.Viyathukattuva, Dr.A. Amudha, Dr.G. Emayavaramban, Dr.M. Siva Ramkumar, P. Nagaveni and S. Divyapriya, “Performance Evaluation of Modeling and Simulation of Higher Pulse Ac-Dc Converters for Improved Power Quality” in Journal of Advanced Research in Dynamical and Control Systems, 11(12) pp: 1054-1074 (Scopus Indexed)

11. P. Nagaveni, V. Saravanakuma, Dr.A.Amudha, N. Prasanna, Dr.M. Siva ramkumar, M. Nivetha and Dr.G. Emayavaramban, “Power Quality Audit- An Experience in An Leading Engineering Industry” in Journal of Advanced Research in Dynamical and Control Systems, 11(12) pp: 1075-1085 (Scopus Indexed)

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20. Viyathukattuva M.A.M.M, Amudha A, M.SivaRamkumar, G.Emayavaramban "Relation between Solar PV Power Generation, Inverter Rating and THD" International Journal of Engineering and Advanced Technology 9(1) pp 4570-4575(Scopus Indexed)

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