List of Publications

1. D. Indira and M.Venmathi, "Performance analysis of Fuzzy logic control based Classical Converter Fed 6/4 SRM drive for Speed Precision", Lecture Notes in Electrical Engineering , vol 35. Springer, Singapore, pp 47-63, September 2020.
2. D. Indira and M.Venmathi, 2019 "A Comprehensive Survey on Hybrid Electric Vehicle Technology with Multiport Converters", Emerging Trends in Computing and Expert Technology, Lecture Notes on Data Engineering and Communications Technologies, vol 35. Springer, Cham, pp 70-85, ISBN978-3-030-32150-5,
3. D.Indira& M. Venmathi, 2019 "LVRT Capability Enhancement of Grid Connected Photo Voltaic Power Plants with Adaptive Control Strategy" International Journal of Advanced Research in Basic Engineering Sciences and Technology(IJARBEST) , Vol.5, Issue.7, ISSN (ONLINE):2456-5717, July 2019.
4. D.Indira& M. Venmathi, 2019 "Design and Implementation of an Active Clamped Full Wave Quasi Resonant ZCS Boost Converter" International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277 – 3878, Volume-8, Issue-2S5, July 2019.
5. D.Indira& M. Venmathi, 2018 "Analysis of Leakage Current Elimination in Single Phase Transformer less Inverter for Grid-Tied Photovoltaic Applications" International Journal of Engineering and Techniques, Vol. 4, no. 4, IF-3.546.
6. M. Venmathi & R. Ramaprabha, 2017, 'Investigation on Isolated Derived Topology for Differential Power Processing in Photovoltaic System', International Journal of Control Theory and Applications, ISSN: 0974-5572 vol.10, no.29, pp. 265-272. IF-0.53.
7. M. Venmathi & R. Ramaprabha, 2017, 'Implementation of zero voltage switched SEPIC/ZETA bidirectional converter for low power applications using FPGA', ***Turkish Journal of Electrical Engineering & Computer Sciences***, Turkey, ISSN: 1300-0632, vol.25, pp. 319-336. (Anna University Annexure I). IF – 0.507. (Thomson Reuters)
8. M. Venmathi & R. Ramaprabha, 2017, 'Implementation of SEPIC/ZETA three-port bidirectional dc-dc converter for renewable energy applications', ***International Journal of Engineering Science, Elsevier***, vol. 113, ISSN: 0020-7225 (Anna University Annexure I). IF–2.291.(Thomson Reuters)
9. Venmathi, M & Ramaprabha, R 2016, 'Investigation on fuzzy logic based centralized control in four-port SEPIC/ZETA bidirectional converter for photovoltaic applications', ***Advances in Electrical and Computer Engineering***, vol. 16, no.1, pp. 53-60, ISSN: 1582-7445 (Anna University Annexure I). IF–0.529. (Thomson Reuters)

10. Venmathi, M & Ramaprabha, R 2016, 'Analysis of controllers for the dynamic response enhancement of the three-port full-bridge dc-dc converter interfacing photovoltaic system', ***International Journal of Automation and Control***, vol. 11, no. 1, pp. 67-88, ISSN: 1740-7524. IF–0.22.
11. M. Venmathi & R. Ramaprabha, 2016, 'Fuzzy-PI based centralized control of semi isolated FP-SEPIC/ZETA BDC in a PV/battery hybrid system', ***International Journal of Electronics, Taylor & Francis***, UK, ISSN: 0020-7217 (Anna University Annexure I). IF–0.459. (Thomson Reuters).