INTERNATIONAL JOURNALS PUBLISHED: 23

- **1. Manivasagam, R.** and Prabakaran, R.(2020) 'Power quality improvement by UPQC using ANFIS-based hysteresis controller', Int. J. Operational Research, Vol. 37, No. 2, pp.174–197.DOI: 10.1504/IJOR.2020.105368.Publisher-Inderscience Publishers, ISSN online: 1745-7653ISSN print: 1745-7645.(SCOPUS)
- 2. S.P.Richard, R.Manivasagam and P.Vigneshwaran(2020), 'Three-Level Topology for Shunt Active Power Filters', <u>IOP Conference Series: Materials Science and Engineering</u>, <u>Volume 937</u>, <u>Recent Trends on Renewable Energy Smart Grid and Electric Vehicle Technologies (RESGEVT 2020) 9 July 2020</u>, <u>Vellore</u>, <u>India</u>,pp.1–16.DOI: 10.1088/1757-899X/937/1/012002.Publisher-IOP Publishers.(SCOPUS)
- **3. Manivasagam Rajendran**, "Comparison of Various Control Strategies for UPQC to Mitigate PQ Issues", Journal of The Institution of Engineers (India): Series B, 2020. https://doi.org/10.1007/s40031-020-00502-4.(SCOPUS)
- **4. Manivasagam Rajendran** and Saranraj Rajendran, Wind Turbine Manufacturing Supply Chain, International Journal Of Scientific & Technology Research ,Volume 9, Issue 03, March 2020, pp. 1278-1281.ISSN 2277-8616(SCOPUS)
- **5. R.Manivasagam**and Kalpana.K, Speed Intensity of BLDC Motor with Fuzzy BasePeak Current Detection,International Journal Of Scientific & Technology Research, Volume 9, Issue 03, March 2020, pp. 6021- 6027.ISSN 2277-8616(SCOPUS)
- 6. R.Sushmitha, R.Nithya, T. Santhosh kumar, S. Sathiesh kumar, Dr. R.Manivasagam, Real Time Based Power Fluctuation Recorder Using Printer Interface ,International Journal Of Scientific & Technology Research Volume 9, Issue 04, April 2020,pp. 84-87.ISSN 2277-8616(SCOPUS)
- **7. Manivasagam Rajendran** and S.P.Richard, Minimizing the roundness variation in automobile brake drum by using Taguchi technique, Journal of Xidian University, Volume 14, Issue 6, 2020, pp.2349–2355. https://doi.org/10.37896/jxu14.6/279.ISSN No:1001-2400(SCOPUS)
- **8. Manivasagam Rajendran**, 'Various Control Strategies for UPQC Enhancement to Mitigate PQ Issues', Journal of ElectricalEngineering, Volume 20, Edition4, June 2020, pp. 254-259. ISSN 1582 4594.
- **9. Manivasagam Rajendran,** S.P. Richard. Electric Power Generation from Heat Energy Using Thermo Electric Generator and Single Ended Primary Induction Converter. Research J. Engineering and Tech. 2020;11(1):01-09. doi: 10.5958/2321-581X.2020.00001.X
- **10. Manivasagam Rajendran,** and Gabriel Santhosh Kumar G, (2018) 'Comparative Analysis of PI / PID Controller for A Thermal Process Using PLC', IEEE Int. Conference on Recent Innovations in Electrical, Electronics & Communication Engineering (ICRIEECE), pp.2839–2841.DOI: 10.1109/ICRIEECE44171.2018.9008671 (SCOPUS)
- **11. Rajendran Manivasagam,** Protection Scheme for Photovoltaic Interface in DC Distribution Systems, International Journal of

- Advances in Computer and Electronics Engineering (IJACEE), Vol. 4, No.9, pp.7-11, Sep 2019, ISSN 2456-3935.
- **12. Manivasagam Rajendran,** "Intensive Patient Monitoring using LABVIEW", Review of Computer Engineering Research (RCER), Vol. 6, No. 2, pp.92-96, Dec 2019, ISSN (Online) 2410-9142, ISSN (Print) 2412-4281. Publisher Name Conscientia Beam. Available at: DOI: 10.18488/journal.76.2019.62.92.96.
- **13. Manivasagam Rajendran,** Prabhu, A "Stability Analysis of Type-2 Fuzzy Process Control Using LMI", Review of Computer Engineering Research (RCER), Vol. 6, No. 2, pp.57-63, Sep 2019, ISSN (Online) 2410-9142, ISSN (Print) 2412-4281. Publisher Name Conscientia Beam. Available at: DOI: 10.18488/journal.76.2019.62.57.63.
- **14. Manivasagam,R,** P. Parthasarathy, and R. Anbumozhi, "Robust analysis of T-S fuzzy controller for nonlinear system using H-infinity," Advances in Intelligent Systems and Computing(AISC), vol. 949, pp. 643-651, July 2019. Online ISBN 978-981-13-8196-6, Print ISBN 978-981-13-8195-9, Publisher Name Springer, Singapore. Available at: https://doi.org/10.1007/978-981-13-8196-6_56.(SCOPUS)
- **15. Manivasagam, R,** Gabriel Santhosh Kumar G"Determination of Adulteration and Quantity of Petrol using pH Meter and Microcontroller", International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE), Vol. 7, Issue 5, May 2019, ISSN (Online) 2321-2004, ISSN (Print) 2321-5526. Available at: DOI 10.17148/IJIREEICE.2019.7520.
- **16. Manivasagam, R,** Hemila Haland"Design of Electric Power System Studies Using Mipower", International Journal of Research and Innovation in Applied Science (IJRIAS), Volume IV, Issue V, pp 100-106, May 2019, ISSN 2454-6194.
- **17. Manivasagam, R,** Hemila Haland"Performance Comparison of Power Flow Studies Using Mipower", International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS), Volume VIII, Issue V, pp 57-62, May 2019, ISSN 2278-2540.
- **18. Manivasagam, R,** Vigneshwaran,P, "Saturation Analysis on Current Transformer", International Journal Of Pure and Applied Mathematics, Volume 118, No 18, pp 2169-2176, 2018, Special Issues, Publisher- **Academic Publications**Ltd.,Print ISSN: 1311-8080, Online ISSN: 1314-3395. (SCOPUS)
- **19.** Aarthi,D, **Manivasagam, R,** "Design and Implementation of UPFC Using Ten Switch Converter With Switch Reduction", International Journal Of Engineering And Computer Science, Volume 6, Issue 6, pp 21861-21869, 2017, Publisher- Index Copernicus value, ISSN: 2319-7242.
- **20.** Aarthi,D, **Manivasagam, R,** "Design of UPFC using Ten Switch Converter with Switch Reduction", International Journal for Scientific Research & Development,Volume 5,Issue 4, pp 490-493, 2017, Publisher- I.J.S.R.D., INDIA, ISSN: 2321-0613.
- **21. Manivasagam, R,**Raghavi, R, "Modeling of a Grid Connected Electric Vehicle Charging Station with FOH approximation", International Open Journal for Engineering research(IOJER), Volume 1, Issue 3, pp 19-25, 2015.

- **22. Manivasagam, R,** Raghavi, R, "Modeling of a Grid Connected New Energy Vehicle Charging Station", International Journal of Applied Engineering Research (IJAER), Volume 10, Number 20, Special Issues, pp 15870-15875, 2015, Publisher-RI Publication, Print ISSN: 0973-4562, Online ISSN: 0973-9769. (SCOPUS)
- 23. Manivasagam, R,Dharmalingam,V, "Power Quality Problem Mitigation by Unified Power Quality Conditioner: An Adaptive Hysteresis Control Technique", International Journal of Power Electronics,Volume 6,Issue 4, pp 403-425, 2014, Publisher-Inderscience Publishers,ISSN online: 1756-6398 ISSN print: 1756-638X. Available at: https://doi.org/10.1504/ijpelec.2014.067442. (SCOPUS)