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Publications in International Journals:

- 1. Y.Mohamed Shuaib, Dr.M. Surya Kalavathi and Dr.C.ChristoberAsirRajan, “*Optimal Reconfiguration in Radial Distribution System Using Gravitational Search Algorithm*”, Electric Power Components and Systems (Taylor and Francis), Vol. 42, No.7, pp.703-715, April 2014. (Impact factor:0.62,Scopus Indexed)**
- 2. Y. Mohamed Shuaib, Dr. M. Surya Kalavathi and Dr. C. ChristoberAsirRajan, “*Optimal Capacitor Placement in Radial Distribution System Using Gravitational Search Algorithm*”, International Journal of Electric Power and Energy System(Elsevier) Vol.64.384-397, 2015. (Impact factor:4.418,Scopus Indexed)**
- 3. Y.Mohamed Shuaib and Dr.C.ChristoberAsirRajan, “*Reconfiguration and Capacitor Placement on Radial Distribution System for Loss Minimization Using Queen Bee Assisted Genetic Algorithm*”, Wulfenia Journal, Vol. 19,No.10, pp.419-435.Oct 2012. (Impact factor:0.267)**
- 4. Y.Mohamed Shuaib and Dr.C.ChristoberAsirRajan, “*Queen Bee Assisted GA for Capacitor Sizing and Placement in Radial Distribution System for Loss Minimization*”, Archives des Sciences,Vol.65,No.9, pp.539-553. Sep 2012. (Impact factor:0.54)**

5. **Y.Mohamed Shuaib**, Dr.M. Surya Kalavathi, “*Optimal Capacitor Placement in Radial Distribution System Using Group Search optimization Algorithm*”, International Journal of Scientific and Engineering Research, May 2014, **Impact factor: 1.4**).
6. S.Nivethitha, **Y.Mohamed Shuaib** and A.SultanSaleem, “*Optimal Capacitor Placement in Radial Distribution System for power loss minimisation Using Group Search Algorithm*”, has got published in International Journal of Infinite Innovations in Engineering and Technology, Vol.2, Issue1, May 2015.
7. G.Kavitha and **Y.Mohamed Shuaib**, *Fractional Order PID Controlled AC to AC Converter FED Three Phase Permanent Magnet Synchronous Motor Drive*, Journal of Advanced Research in Dynamical & Control Systems,, Volume10, Special Issue 02, pp 1096, May 2018.
8. Hemavathy and **Y.Mohamed Shuaib**, *Design of Smith Predictor Based Fractional Order Time Delay Process*, CMES: Computer Modeling in Engineering and Sciences, Vol. 119, No. 3, 2019 ,pp.481-498. (Impact factor: 0.76).
9. VishwaprakashBabu, S.SathikBasha, **Y.Mohamed Shuaib** and R. Srinu, *An integrated Dynamic Voltage restorer - Ultra Capacitor Design for improving Power Quality*, Journal of Emerging Technologies and Innovative Research, March 2019, Volume 6, Issue 3, ISSN 2349-5162.
10. Abdul Quawi and **Y.Mohamed Shuaib**, *Power Quality Improvement in Distribution System using Artificial Neural Networks*, Suraj Punj Journal for Multidisciplinary Research , April 2019, Volume 9, Issue 4, pg. 630, ISSN 2394-2886.
11. G.Kavitha and **Y.Mohamed Shuaib**, *Fuzzy Logic Controlled AC to AC Converter FED Three Ohase P.M.S.M Drive*, International Journal of Recent Technology and Engineering, July 2019, Volume 8, Issue 2, ISSN 2277-3878, **Scopus Indexed**.

12. Hemavathy P.R., **Mohamed Shuaib Y**, S.K. Lakshmanaprabu, *Internal model controller based PID with fractional filter design for a nonlinear process*, International Journal of Electrical and Computer Engineering (IJECE) Vol. 10, No. 1, February 2020, pp. 243~254 ISSN: 2088-8708, DOI: 10.11591/ijece.v10i1.pp243-254, **Scopus Indexed**.
13. G.Kavitha and **Y.Mohamed Shuaib**, *Power Quality Improvement in Inverter Fed PMSM Drives using Hybrid Technique*, Journal of Green Engineering, October 2019, Volume 9, Issue 3, ISSN -1904- 472, **Scopus Indexed**.
14. VishwaprakashBabu, S.SathikBasha, **Y.Mohamed Shuaib** and Syed Inayathulla, *A Novel Integration of Solar Fed Dynamic Voltage Restorer for Compensating Sag and Swell Voltage in Distribution System Using Enhanced Space Vector Pulse Width Modulation(ESVPWM)*, Universal Journal of Electrical and Electronic Engineering, 6(5),329-350,2019,DOI:10.13189, **Scopus Indexed**.