

## **PUBLICATION DETAILS**

**Dr. R. Kotteeswaran,**

**Associate Professor, St.Joseph's College of Engineering, Chennai, India**

1. P Subha Hency Jose, G Jims John Wessley, R Kotteeswaran.: Efficacy of classical tuning method for nonlinear multi variable processes - A case study with fluidized bed coal gasifier, ARPN Journal of Engineering and Applied Sciences 14 (12), 2019, 2170-2184.
2. SV Kumar, PV Yokeshraj, R Kotteeswaran .: Optimized Inertial Navigation System with Kalman Filter based altitude determination for aircraft in GPS Deprived Regions, 3rd International Conference on Computing Methodologies and Communication (ICCMC), 2019, 672-678.
3. Reshmi R, Gnanasoundharam J, K Kotteeswaran R .: Design of Self-Tuning Regulator for Non-Linear Unstable System, International Journal of Pure and Applied Mathematics 118 (20), 2018, 61-66.
4. J Ramyashree, MR Roja, G Sivagurunathan, R Kotteeswaran .: Firefly Algorithm Based Multivariable PID Controller Design for MIMO Process, International Journal of Engineering and Technology(UAE) 7, 2018, 41-44.
5. A Sophia Mary, R Kotteeswaran, C Pandeewaran .: DESIGN OF WIRELESS SENSOR NETWORK PROTOCOL USING CONTIKI OS, International Journal of Pure and Applied Mathematics 118 (18), 2018, 4671-4678.
6. JJC Philominna, R Kotteeswaran .: PERFORMANCE ANALYSIS OF HEAVY DUTY GAS TURBINE USING CUCKOO SEARCH AND FIREFLY ALGORITHM BASED PI CONTROLLER, International Journal of Pure and Applied Mathematics 117 (16), 2017, 241-249.
7. SV Subhasree, R Kotteeswaran .: Modelling and Control of Polymer Electrolyte Membrane Fuel Cell, Indian Journal of Science and Technology 9 (13), 2016, 1-7.
8. R Kotteeswaran, L Sivakumar .: Coal Gasifier Control-A Heuristic Algorithm Based Optimization Approach, Australian Journal of Basic and Applied Sciences 10 (5), 2016, 161-167.
9. R Kotteeswaran, L Sivakumar .: Lévy Guided Firefly Algorithm Based Tuning of Decentralised PI Controller of Nonlinear Multivariable System-Coal Gasifier, Advances in Control and Optimization of Dynamical Systems 3 (1), 2014, 127-134
10. R Kotteeswaran, L Sivakumar .: Lévy guided firefly algorithm based tuning of decentralised PI controller of nonlinear multivariable system-coal gasifier, IFAC Proceedings Volumes 47 (1), 2014, 127-134.