

## **List of Publications**

**Dr. I.JACOB RAGLEND**

Professor

ELECTRICAL AND ELECTRONICS ENGINEERING

VIT UNIVERSITY

VELLORE-632014

1. Dharavath, R., Raglend, I.J., “Intelligent controller based solar photovoltaic with battery storage, fuel cell integration for power conditioning”, International Journal of Renewable Energy Research, 9 (2), pp. 859-867, 2019.
2. Praveena, J., Raglend, I.J., “Hardware implementation of intelligent home energy conservation system with IoT platform”, International Journal of Advanced Science and Technology, 28 (13), pp. 392-401, 2019.
3. Reddy, T., Reddy, N., Raglend, I.J., “Integration of wind connection low frequency ac transmission system using back to back converters”, International Journal of Advanced Science and Technology, 28 (13), pp. 297-307, 2019.
4. Vankadara, K., Raglend, I.J., “ A review to economic dispatch of hybrid microgrids”, Serbian Journal of Electrical Engineering, 16 (2), pp. 233-246, 2019.
5. Dharavath, R., Raglend, I.J., “Integration of utility grid with hybrid generation for power quality conditioning using dynamic voltage restorer”, International Journal of Renewable Energy Research, 9 (1), pp. 56-64, 2019.
6. Centhil Kumar, C., Raglend, I.J., “A novel crow search based strategy for maximum power point tracking of wind turbines driven by doubly fed induction generator”, International Journal of Simulation: Systems, Science and Technology, 19 (6), pp. 10.1-10.5, 2018.
7. Dharavath, R., Raglend, I.J., “Fuzzy controller based solar photovoltaic system, fuel cell integration for conditioning the electrical power”, Journal of Green Engineering, 8 (3), pp. 301-318, 2018.
8. Felix Stephen, S., Jacob Raglend, I., “PI control of statcom with BAT algorithm”, Journal of Advanced Research in Dynamical and Control Systems, 10 (5), pp. 171-180, 2018.
9. Peter, S.E., Raglend, I.J., “Sequential wavelet-ANN with embedded ANN-PSO hybrid electricity price forecasting model for Indian energy exchange”, Neural Computing and Applications, 28 (8), pp. 2277-2292, 2017.
10. Felix Stephen, S., Jacob Raglend, I., “Voltage regulation using PI control of STATCOM with firefly algorithm”, International Journal of Mechanical Engineering and Technology, 8 (8), pp. 766-776, 2017.