

Dr. C K. Aravind

List of Publications (Last 5 Years)

1. Dr.J.Pandia Rajan, Dr.S.Edward Rajan, **Dr.C.K.Aravind**, Dr.A.Sivaprakash published "Smart grid security enhancement by detection and classification of non-technical losses employing deep learning algorithm" **International Transactions on Electrical Energy Systems**, Vol.30, Issue.9, pp.1-12, September-2020.
2. **Dr.C K.Aravind**, Dr.J.Pandia Rajan, Dr.A.Sivaprakash, Dr.Thanikanti Sudhakar Babu, Dr.Md. Rabiul Islam published "An Adaptive Feed-Forward Phase Locked Loop for Grid Synchronization of Renewable Energy Systems under Wide Frequency Deviations" **Sustainability** , Vol.12, Issue.17, pp.1-15, August-2020.
3. Miss.S Priyavarthini, **Dr.C K.Aravind**, Dr. C Nagamani, Dr. G Saravana Ilango published "PV-fed DVR for simultaneous real power injection and sag/swell mitigation in a wind farm" **IET Power Electronics**, Vol.11, Issue.14, pp.2385-2395, November-2018.
4. **Dr.C K.Aravind**, Dr.Indu Rani, Dr.Chakkarapani M, Dr.Josep M. Guerrero, Dr.G Saravana Ilango, Dr.C Nagamani published "Performance evaluation of Type-3 PLLs under wide variation in input voltage and frequency" **IEEE Journal of Emerging and Selected Topics in Power Electronics**, Vol.5, Issue.3, pp.971-981, March-2017.
5. Mr.Seenivasan T, **Dr.C K.Aravind** published "A STATCOM based Control Strategy for Power Quality Improvement in a Hybrid Non-Autonomous Power System" **International Journals Power Electronics Controllers and Converters**, Vol.2, Issue.1, pp.15-29, March-2016.
6. **Dr.C K.Aravind**, Dr.G Saravana Ilango, Dr.C Nagamani published "A smooth co-ordination control for a hybrid autonomous power system (HAPS) with battery energy storage (BES)" **Frontiers in Energy**, Vol.9, Issue.1, pp.31-42, March-2015.
7. **Dr.C K.Aravind**, Dr.G Saravana Ilango, Dr.C Nagamani, Dr.Maddikara Jaya Bharata Reddy published "A Control Strategy for Hybrid Autonomous Power System with a Battery Management Scheme" **Journal Electric Power Components and Systems** , Vol.43, Issue.8-10, pp.1159-1172, January-2015.