

## **Dr.V.Gomathi**

V. Gomathi, V A KANDAPPAN, "EFFECT OF TIME SYCHRONIZATION ERROR IN PHASOR MEASUREMENT UNIT", International Journal of Applied Engineering Research, published by Research India Publications. Vol. 10, Issue 66, pp. 264 - 269 (2015).

V .GOMATHI, S.JOSE INFANT PUVANI, "OPTIMAL POSITIONING OF SUPERCONDUCTING FAULT CURRENT LIMITER IN NEIGHBORING AC AND DC MICROGRID", International Journal of Applied Engineering Research, published by Research India Publications. Vol. 10, Issue 66, pp. 255-263 (2015).

Gomath Venugopal, Uma velayutham, "State Estimation Based on Probabilistic Contaminated Exponential Square Method ", International Journal of Applied Engineering Research, published by Research India Publications. Vol. 10, Issue 11, pp. 29445-29455 (2015).

Gomathi Venugopal, Uma Velayutham, "Optimal Placement of PMU Based on Vertex Colouring and AVL Tree Technique ", International Journal of Applied Engineering Research,published by Research India Publications. Vol. 10, Issue 6, pp. 13841-13853 (2015).

V .Gomathi, ,V.Uma, A.Vijayalakshmi , R.Manimegalai, " Congestion Management in A Deregulated System with Renewable Energy Sources", International Journal of Applied Engineering Research, published by Research India Publications. Vol. 10, Issue 66, pp. 414 - 419 (2015).

Uma Velayutham, P.Lakshmi, Gomathi Venugopal, "MINIMIZATION OF COST AND CONGESTION MANAGEMENT USING INTERLINE POWER FLOW CONTROLLER", The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, published by COMPEL. Vol. 35, Issue 5, (2016).

Krishnakumar R Vasudevan, Vigna K Ramachandran, Gomathi V, JB Ekanayake, S.K.Tiong, "Modelling and simulation of variable speed pico hydel energy storage system for microgrid applications", Journal of Energy storage, published by Elsevier. Vol. 24, pp. 1-14 (2019).

S. Arun Jeas & Venugopal Gomathi, " Load forecasting for smart grid using non-linear model in Hadoop distributed file system", Cluster Computing, published by Springer US. Vol. 22, Issue 6, pp. 13533-13545 (2019).

krishnakumar R vasudevan , Vigna K Ramachandran, Gomathi V, JB Ekanayake, S.K.Tiong, "Variable Speed Pumped Hydro Storage: A Review of converters controls and energy management strategies", Renewable and Sustainable Energy Reviews, published by Elsevier.Vol. 135, (2020).

SUBRAMANIYAN V, GOMATHI V, "POWER MANAGEMENT STRATEGY FOR HYBRID ENERGY SYSTEM WITH PUMPED HYDRO STORAGE", INTERCIENCIA, published by INTERCIENCIA PUBLISHERS. Vol. 45, Issue 10, pp. 19-28 (2020).

L. Priya, V. Gomathi, "A Distributed Demand Response Management Algorithm for Multi-Utility Environment in Smart Grid ", IEEE Xplore (International Conference on Mathematics and Computers in Science and Engineering (MACISE), Madrid, Spain, 2020), published by IEEE.pp. 229-235 (2020).