LIST OF PUBLICATIONS

Areas of Research	Power System, Power Electronics, and Power Quality, Metaheuristic techniques for power system and power quality improvement.
Publications & Experience	**Recent Publications :** Journals : 22 International Conferences : 25
5 most Recent Publications (pertinent to the thesis topic to be examined)	[1] N.Karpagam, B.Haridharshini, P.Priyadharsini, T.Vaishnavi, "Automatic Speed Breaker using IoT", International Research Journal of Engineering and Technology, Volume: 07 Issue: 04, Apr 2020. [2] N.Karpagam, M.C.Deetchitha, and R.S.Amrutha varshini, N.Sreenithi, "Home Security For Physically Challenged Using Servomotor", International Research Journal of Engineering and Technology, Volume: 07 Issue: 05, Apr 2020. [3]. N.Karpagam, P.Aukalya Performance evaluation 0f MPPT based solar pumping system with climatic conditions, cost and economics, International Journal of Engineering Science Invention Research & Development (IJESIRD) , Vol III, Issue XI, May 2017, pp 744- 750. [4]. N.Karpagam, P.Aukalya, "Improvement of Power Quality with DVR Controller Using Wind Energy Conversion System in a distributed system" Discovery Journal of engineering, ISSN 2320 – 6675 EISSN 2320 –6853© 2016 Discovery Publication 4(11), 118-126). [5]. N.Karpagam, S.Dhanalakshmi, M.Ramyadevi"Application of UPQC with Renewable Energy Resources for Power Quality Improvement in Distributed Generation", Discovery journal of engineering, ISSN 2320 – 6675 EISSN 2320 –6853© 2016 Discovery Publication 4(11), 135-143). [6] Karpagam, P.S.Gangadevi, "PERFORMANCE EVALUATION OF MPPT BASED SOLAR PUMPING SYSTEM WITH CLIMATIC CONDITIONS, COST AND ECONOMICS" International journal of Engineering Science Invention Research & Development, (2017),ISSN No: 2349-6185, Vol.3 Issue 11, pp744-749. [7] N.Karpagam, P.Aukalya, comparison of different mppt algorithms in solar energy with wind energy resources using dqo based dvr controller to improve the power quality" IET – Renewable Power Generation – 2018 Under II Review. [8] N.Karpagam, P.Aukalya, "improvement of power quality

with dvr controller using wind energy conversion system in a distributed system" Discovery Journal of engineering, ISSN 2320 – 6675 EISSN 2320 –6853© 2016 Discovery Publication 4(11), 118-126).

[9]N.Karpagam and P. Aukalya (2016) "Analysis of mppt algorithms based solar energy with wind energy system using dvr controller to improve the power quality" submitted in journal of Advances in Electrical and Computer Engineering.

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