

## **LIST OF PUBLICATIONS OF DC MEMEBERS**

### **PUBLICATIONS OF DC MEMEBERS FROM OTHER UNIVERSITIES**

#### **3.DR.H.VENNILA**

<b>JOURNAL PUBLICATIONS</b>	<b>YEAR</b>
Hybrid power generation system with Total Harmonic Distortion minimization using improved Rider Optimization Algorithm: Analysis on converters S Ravikumar, H Vennila, R Deepak Journal of Power Sources 459, 228025	2020
Study on Comparison of Various Optimization Algorithms for Minimizing THD of the Hybrid Wind Solar Power Generation System S Ravikumar, H Vennila, R Deepak 2020 International Conference on Inventive Computation Technologies (ICICT ...	2020
Hybrid wind-solar system–an optimised approach for efficient power generation S Ravikumar, H Vennila International Journal of Computer Aided Engineering and Technology 13 (1-2 ...	2020
THD minimisation using genetic algorithm on the nine-level multilevel inverters S Ravikumar, H Vennila, B Ajai International Journal of Advanced Intelligence Paradigms 16 (3-4), 306-323	2020
Combined economic and emission dispatch using whale optimisation algorithm CK Faseela, H Vennila International Journal of Enterprise Network Management 10 (1), 32-43	2019

<b>JOURNAL PUBLICATIONS</b>	<b>YEAR</b>
<p>Combined static economic and emission dispatch by improved moth optimisation with valve point loading</p> <p>H Vennila, R Rajesh International Journal of Enterprise Network Management 10 (2), 152-161</p>	2019
<p>A solution of combined static and dynamic Dispatch Problems using HB-SA Algorithm with valve point Effects</p> <p>H Vennila, R Rajesh 2018 International Conference on Smart Systems and Inventive Technology ...</p>	2018
<p>Economic and Emission Dispatch using Whale Optimization Algorithm (WOA) CK Faseela, H Vennila International Journal of Electrical and Computer Engineering 8 (3), 1297</p>	2018
<p>A meta-heuristic, moth inspired algorithm for combined economic and environmental power dispatch N Mustafa, H Vennila International Journal of Enterprise Network Management 9 (1), 47-57</p>	2018
<p>Improvement of power quality in microgrids using predictive controller P Prabhakar, H Vennila International Journal of Intelligent Systems Technologies and Applications ...</p>	2018
<p>Hybrid wind solar system for efficient power generation S Ravikumar, H Vennila 2017 International conference of Electronics, Communication and Aerospace ...</p>	2017
<p>Comparison Between Pi, Fuzzy &amp; Predictive Techniques For Statcom To Improve The Transient Stability Of Microgrid</p>	2017

<b>JOURNAL PUBLICATIONS</b>	<b>YEAR</b>
P Prabhakar, H Vennila Technology 8 (8), 819-829	
Fault Analysis of Predictive Based Static Compensator in Microgrids P Prabhakar, H Vennila International Journal of Applied Engineering Research 12 (18), 7176-7183	2017
Power quality improvement in microgrid using custom power devices P Prabhakar, H Vennila International Journal of Enterprise Network Management 8 (4), 327-339	2017