Dr.CHIDAMBARARAJ.N

Associate Professor/EEE Department

St.Joseph's College of Engineering

1. N. Chidambararaj K. Aravindhan, M. Venmathi "A Focus on Power Suystem Congestion Management- A Primitive Review of the Literature"1st Virtual Conference on Renewable Energy Systems, 36

2. KA Ramya Rajalakshmi, Renoldy Shiny, Dr. N. Chidambararaj" Realtime Implementation of PV integrated UAF using ANN Based controller for fault compensation" 8th International Conference on Contemporary Engineering and Technology 2020

3. N. Chidambararaj B. V. kalyan Ram "Grasshopper optimization algorithm utilized Xilnix controller for maximum power generation in photovoltaic system" Evolving Systems 10 (6)

4.N Chidambararaj, K Chitra" Minimal constraint based cuckoo search algorithm for removing transmission congestion and rescheduling the generator units"International Journal of Business Intelligence and Data Mining 14 (1-2), 218-237

5. K Aravindhan, S Abinaya, N Chidambararaj "Optimal Placement and Co-ordination of UPFC with DG Using Whale Optimization Algorithm (WOA)"International Conference on Emerging Current Trends in Computing and Expert Technology.

6. Dr. N. Chidambararaj & Mr. K. Aravindhan S. Abinaya "Optimal Placement and Co-ordination of UPFC with DG Using Particle Swarm Optimization Algorithm (PSO) 7th International conference on "Contemporary Engineering and Technology- 2019"

7. G. Subramani K. Aravindhan & N. Chidambararaj M. C. Shriram "INTELLIGENT TOLL PAYMENT SYSTEM USING FIRE BASE INTERFACED WITH ANDROID APPLICATION" 5th IEEE International Conference on Science, Technology, Engineering and Mathematics.

8. S. Abinaya & Dr. N. Chidambararaj Mr. K. Aravindhan "Optimal Placement and Co-ordination of UPFC with DG Using Whale Optimization Algorithm (WAO)" 2nd International Conference for Phoenixes on Emerging current trends in Engineering and Management (PECTEAM 2K19)

9. S. Abinaya & Dr. N. Chidambararaj Mr. K. Aravindhan "Optimal Placement and Co-ordination of UPFC with DG Using Particle Swarm Optimization Algorithm (PSO)" Journal of Adv Research in Dynamical & Control Systems 10 (15), 651 – 658

10. N.Chidambararaj S.Sivasankari "Generation Rescheduling Based Congestion Management in Restructured Power System" Middle-East Journal of Scientific Research 25 (4), 859- 863.

11.N.Chidambararaj S.Sivasankari "Congestion Management in a Deregulated Market Based on Generation Rescheduling using Particle Swarm Optimization" IEEE Third International Conference On Science, Technology, Engineering & Management Iconstem-2017

12.G Kumaravelan, N Chidambararaj, K Chitra"Optimal active power rescheduling of generators for congestion management using new definition of sensitivity" International Journal of Emerging Technology in Computer Science & Electronic (IJETCSE)

Chidambararaj N. and Dr. K. Chitra "Congestion Management Based on Active Power Rescheduling of Generator units using Bacterial Swarming Algorithm" Emerging Trends in Electrical Engineering – 2015, 22-26.

N Chidambararaj, K Chitra " Demand Response and Facts Devices Used in Restructured Power Systems to Relive Congestion" Digital Signal Processing 7 (6), 172-177