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List of Publications: 23

1. **Rama Prabha D**, "Enhancement of Voltage stability Margin by Shunt Compensation A case study", Conference on Quality & Reliable Power supply to industries & major cities in developing countries, organized by The Institution of Engineers (India),Nagpur during October 2000.
2. **Rama Prabha D**, "Modeling and control of Unified Power flow controller", International Conference on systematic Cybernetics and Informatics ICSCI-2005 held during January 2005.
3. M.R.VimalaDevi, **D.Rama Prabha**, 'Fuzzy Based Tri-state Weighted Median Filter',-National Conference on Intelligent Computing Model', Organized by Periyar University , Salem and conference Proceedings are published by Narosa Publishers, New Delhi.
4. **Rama Prabha D**, "Generalized method for modeling faults in Power System" National level Technical paper presentation, organized by S.V.Institute of computer studies, kadi and Amoghsiddi education society, Sangli during January 2005.
5. **Rama Prabha D**, "Design and Implementation of 2 stage step-up DC-DC converter for servo drives", National Conference for research scholars on application of emerging technologies organized by ISTE during March 2005.
6. **Rama Prabha D**, "Fuel Restricted Real Power Optimization Using Evolutionary Programming", International Conference on Recent Advancements in Electrical Sciences ,ICRAES'10,organized by K.S.R. college of Engineering,8th & 9th January 2010 .
7. **Rama Prabha D**, "Dynamic Analysis of High Speed Compression Coupling using Iron CAD and ANSYS", International Conference on Recent Advances in Mechanical Engineering, ICRAME 2010,organized by Noor Islam University,8th &9th April,2010.
8. **Rama Prabha D**, "Numerical Simulation Based Investigation on Vendor Managed Inventory Model" , International Conference on AMMMT 2010, organized by Siddaganga Institute of Technology, Tumkur,18th &19th November 2010.
9. **D. Rama Prabha**, R.Mageshvaran, Endla Raghunath, Guda Raghuram, "Determining the optimal location and sizing of distributed generation unit using particle swarm optimization algorithm", International Conference on Computer Communication and Informatics (ICCCI -2012), Jan. 10 – 12, 2012.
10. **D. Rama Prabha** A. Krishna Prasad Raju Siddharth Saikumar R.Mageshvaran T.Narendiranath Babu, "Application of Bacterial Foraging and Firefly optimization algorithm to economic load dispatch including valve point loading", International Conference on Circuits, Power and Computing Technologies (ICCPCT-2013), March 2013.

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12. R.Mageshvaran, T.Shankar and **D. Rama Prabha**, "Optimal load shedding for radial distribution system using improved gravitational search algorithm", International Conference on Innovations in Power and Advanced Computing Technologies [i-PACT2017], April 21-22, 2017.

13. **Rama Prabha, D**. and T. Jayabarathi (2015). Optimal placement and sizing of multiple distributed generating units in distribution networks by invasive weed optimization algorithm, Ain Shams Engineering Journal (Elsevier), Vol. 7, No.1, pp. 683-694.

14. **Rama Prabha D**., T. Jayabarathi, R. Umamageswari and S.Saranya (2015). Optimal location and sizing of distributed generation unit using intelligent water drop algorithm, Sustainable Energy Technologies and Assessments (Elsevier), Vol. 11, No.1, pp. 106-113.

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16. **Rama Prabha, D**., T. Jayabarathi, R. Mageshvaran, K. K. Kumar and M. V. Niveesh (2014). Economic Dispatch with Valve Point Effects using Intelligent Water Drop Algorithm, International Journal of Applied Engineering Research, Vol. 9, No. 21, pp. 9297-9312.

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20. Narendiranath Babu T, Himamshu H S, Prabin Kumar, **Rama Prabha D**, Nayak Nishant Chiluar (2017). Journal bearing fault detection based on Daubechies Wavelet, Archives of Acoustics, Vol. 42, No. 3, pp. 401–414.

21. **Rama Prabha D**, Kapish P., Sumanth S.(2018), Multiutility robot, International Journal of Mechanical Engineering and Technology, Vol.9, No. 7, pp.1128-1134.

22. **D.Rama Prabha**, Ram Swaminathan, Kalepu Chaitanya W.Razia Sultana.(2019), Arduino based smart irrigation system and plant leaf disease detection using MATLAB, International Journal of Mechanical Engineering and Technology, Vol.10, No.12, pp.1128-1134.

23. Ankush Roy, **Dr.D.Rama Prabha**.(2020), Application of Jaya Algorithm in finding Optimal placement and Sizing of Distributed Generation Units,International Journal of Emerging Trends in Engineering Research, Vol.8, No.10, pp.7625-1134.