

Publications List of **Dr.S.Charles Raja (Affiliated Institution)** in the last five years

1. **S. Charles Raja**, Anitha, D. Kavitha, R. Rajan Prakash, "Identification of Opinion Difference in Teaching Learning Methods and Recommendation to Faculty" Journal of Engineering Education Transformations, Vol.33, pp. 421-424, 2020.
2. **S. Charles Raja**, Prakash, R. Rajan, D. Kavitha, and S. Baskar. "Enhanced Learning through Blended IC and DCN Strategies in C Programming for Non-Computer Science Students" Journal of Engineering Education Transformations, Vol.33, pp.541-544, 2020.
3. **S. Charles Raja**, G. R. Hemanth, J. Jeslin Drusila Nesamalar & J. Senthil Kumar, "Cost effective energy consumption in a residential building by implementing demand side management in the presence of different classes of power loads", Advances in Building Energy Research, 2020, in press. DOI: 10.1080/17512549.2020.1752799
4. **S. Charles Raja**, P. Venkatesh, S. Suganya Simultaneous Coordination of Distinct Plug-in Hybrid Electric Vehicle Charging Stations: A Modified Particle Swarm Optimization Approach, International Journal of Energy, Elsevier, Vol. 138, pp. 92-102, 2018.
5. **S. Charles Raja**, J. Senthil kumar, Dipti Srinivasan, P. Venkatesh, Hybrid renewable energy- based distribution system for seasonal load variations, International Journal of Energy Research, vol. 42, pp. 1066-1087, 2018.
6. **S. Charles Raja**, J. Senthil Kumar, J. Jeslin Drusila Nesamalar, P. Venkatesh, "Optimizing Renewable based Generations in AC/DC Microgrid system using Hybrid Nelder-Mead–Cuckoo Search Algorithm", Elsevier, Energy, Volume 158, 2018, Pages 204-215,
7. **S. Charles Raja**, S. Suganya, Dipti Srinivasan, P. Venkatesh, Smart utilization of renewable energy sources in a microgrid system integrated with plug-in hybrid electric vehicles, International Journal of Energy Research, vol. 42, pp. 1210-1224, 2017.
8. **S. Charles Raja**, R. Ramkumar, D. Ragavan, R. J. Prusoth, 'Maximum utilization of PV based sine PWM control of switched boost inverter for AC drives', Advances in Natural and Applied Sciences, Vol. 11, pp. 304-313, 2017.
9. **S. Charles Raja**, S. Suganya, P. Venkatesh, Simultaneous Coordination of Distinct Plug-in Hybrid Electric Vehicle Charging Stations: A Modified Particle Swarm Optimization Approach, International Journal of Energy, Elsevier, vol.138, pp. 92-102, 2017
10. **S. Charles Raja**, J. Jeslin Drusila, P. Venkatesh, The drive of renewable energy in Tamilnadu: Status, barriers and future prospect, Journal of Renewable and Sustainable Energy Reviews, Vol.73, pp. 115–124, 2017

11. **Charles Raja S**, Jeslin Drusila Nesamalar J, Bavithra K, and Venkatesh P, 'ATC enhancement by incorporating FACTS devices for deregulating scenario in present power market' THE JOURNAL OF CPRI - Vol. 12, No. 1, March 2016.
12. **S.CharlesRaja**, J. Jeslin Drusila, P.Venkatesh, A novel method of relieving congestion in hybrid deregulated market utilizing renewable energy sources, Turkish Journal of Electrical and Computer Sciences, Vol. 24, pp. 3091-3104,2016.
13. **S.CharlesRaja**, J. Jeslin Drusila, P.Venkatesh, 'Energy Management by Generator Rescheduling in Congestive Deregulated Power System' International Journal of Applied Energy, Elsevier, Vol. 171, pp. 357–371, 2016.
14. **S.CharlesRaja**, J. Jeslin Drusila, P.Venkatesh, 'Managing Multi-line Power Congestion by using Hybrid Nelder-Mead – Fuzzy Adaptive Particle Swarm Optimization (HNM-FAPSO)', International Journal of Applied Soft Computing, Elsevier, Vol. 43, pp. 222-234, 2016.
15. **S. Charles Raja**, Dr. P.Venkatesh, J. Jeslin Drusila, "Transaction Charges Allocation using Sensitivity Factor Methodology" Sadhana - Academy Proceedings in Engineering Science, Vol. 39, Part 2, pp. 377-390, April 2014.
16. **S. Charles Raja**, Dr. P.Venkatesh, J. Jeslin Drusila, "Allocation of transaction cost to market participants using an analytical method in deregulated market"Journal of the Institution of Engineers (India): Series B, Vol. 95, Issue 2, pp 83-90, April 2014
17. **S. Charles Raja**, Dr. P.Venkatesh, J. Jeslin Drusila, "A New Transmission Charges Allocation using Sensitivity Factor Methodology", Australian Journal of Electrical & Electronics Engineering, Vol.10, No.4, pp.439-448, 2013
18. **S. Charles Raja**, Dr. P.Venkatesh, "Available Transfer Capability Determination Incorporating Reactive Power Flows and Network Uncertainties under a Deregulated Environment" International Journal of Electric Power Components and Systems, Vol. 40, issue 11, pp. 1246-1265, 2012
19. **S. Charles Raja**, Dr. P.Venkatesh, "Available Transfer Capability Determination Incorporating Reactive Power Flow In Deregulated Power Systems" International Review of Electrical Engineering, Vol.6, No.2, pp. 836-846, March-April 2011.
20. **S. Charles Raja**, Dr. P.Venkatesh, "Available Transfer Capability Enhancement with FACTS Devices in the Deregulated Electricity Market" International Journal of Electrical Engineering & Technology, Vol. 6, No. 1, pp. 14 - 24, 2011
21. **S. Charles Raja**, Dr. P.Venkatesh, "Comparative Study of Two Congestion Management Methods for the Restructured Power Systems" International Journal of Electrical Engineering & Technology, Vol.6, No. 3, pp. 302-310, 2011.
22. **S. Charles Raja**, Dr. P.Venkatesh, "Enhancement of Available Transfer Capability with FACTS device in Competitive Power Market", International Journal of Engineering, Vol.2, Issue No.5, 2010

23. **S. Charles Raja**, Dr. P.Venkatesh, “Available Transfer Capability Determination in the Restructured Electricity Market”, International Journal of Electric Power Components and Systems, Vol.36, pp. 941-959, 2008.