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**Publications List of Dr.J.Jeslin Drusila Nesamalar in the Last 5 Years**

1. SA Mozhi, SC Raja, M Saravanan, **JJD Nesamalar**,” Energy Management of Hybrid Energy Storage System In PHEV With Various Driving Mode”, Artificial Intelligent Techniques for Electric and Hybrid Electric Vehicles. ,2020
2. JS Kumar, P Venkatesh, SC Raja, **JJD Nesamalar**, C Palanichamy,“Reliability Enhancement of Small and Medium Distribution System with Renewable Generations and Reclosers”,2018 20th National Power Systems Conference (NPSC), 1-6 ,2018
3. JS Kumar, SC Raja, **JJD Nesamalar**, P Venkatesh ,”Optimizing renewable based generations in AC/DC microgrid system using hybrid Nelder-Mead–Cuckoo Search algorithm”,Energy, Elsevier 158, 204-215 ,2018
4. AA Preethi, **JJD Nesamalar**, S Suganya, SC Raja, “Economic scheduling of Plug-In Hybrid Electric Vehicle considering various travel patterns”,2018 National Power Engineering Conference (NPEC), 1-7 ,2018
5. **JJD Nesamalar**, P Venkatesh, SC Raja ,”The drive of renewable energy in Tamilnadu: Status, barriers and future prospect”,Renewable and Sustainable Energy Reviews, Elsevier , 73, 115-124 ,2017.
6. **JJD Nesamalar**, P Venkatesh, SC Raja.,”Energy management by generator rescheduling in congestive deregulated power system”, Applied Energy, Elsevier , 171, 357-371 ,2016.
7. **JJD Nesamalar**, P Venkatesh, SC Raja ,”Managing multi-line power congestion by using hybrid Nelder–Mead–fuzzy adaptive particle swarm optimization (HNM-FAPSO)”,Applied Soft Computing, Elsevier ,43, 222-234 ,2016.
8. **JJD Nesamalar**, K Bavithra, SC Raja, P Venkatesh ,”ATC enhancement by incorporating FACTS devices for deregulating scenario in present power market” ,Power Research 12 (1), 1-12 , 2016.

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10. **JJD Nesamalar, P Venkatesh, SC Raja ,** “Optimal utilization of renewable energy sources for congestion management”, IFAC-Papers Online 48 (30), 264-269, 2015.