

# *Dr. Leena G., Professor*

## **Journal Publications**

Sujata Arora, **Leena G.**, An Intelligence technique based control model for power system stabilizer, International Journal of Manufacturing Technology and Management, vol.34, no.6, pp.598-613 , published online May 2020, ISSN online 1741-5195,ISSN print 1368-2148, <https://www.inderscienceonline.com/doi/pdf/10.1504/IJMTM.2020.110000>

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Pankaj Negi, Yash Pal, **Leena G.** , Grid-Connected Photovoltaic System Stability Enhancement Using Ant Lion Optimized Model Reference Adaptive Control Strategy, Differential Equations and Dynamical Systems, ISSN- 09713514, March 2020, Springer International Publishing AG, <https://doi.org/10.1007/s12591-020-00525-9>

Amrinder Kaur,Dr. Yadwinder Singh Brar,**Dr. Leena G** , Comparative Analysis of Fault detection in transformers using different Fuzzy Membership function, IOSR journal of Engineering, vol.9, series 3, pp.32-37, Feb 2019, ISSN 2278-8719[http://www.iosrjen.org/pages/volume9-issue2\(series-3\).html](http://www.iosrjen.org/pages/volume9-issue2(series-3).html)

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Pankaj Negi, Yash Pal, **Leena G.**, Performance Analysis of Grid connected Photovoltaic system with Fuzzy logic control based VSC, Journal of Advanced Research in Dynamical and Control Systems, ISSN 1943023X, special issue 09,1439-1452, August 2018, US, Institute of Advanced Scientific Research, , <https://www.jardcs.org/backissues/abstract.php?archiveid=4532>

Deeksha Sanwal, Disha Gusain, **Leena G.**, Mohit Verma, Distributed Energy Resources: Issues and Challenges, International Journal of Advanced Research, 6(3), pp 1127-1132, ISSN -2320-5407, March 2018, <http://dx.doi.org/10.21474/IJAR01/6774>

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**Leena G.**, Datta K. B., Ray G., A set of stabilizing PD controllers: An application to robot manipulator Journal of The Institution of Engineers (India): Series B, ISSN 2250-2114, vol.96, issue 1, pp.27-35, March 2015. Springer India, <https://DOI.10.1007/s40031-014-0114-z>

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**Leena G.**, Vini Malik, Wavelet based multi resolution Controller, Journal of Emerging trends in Computing and Information Sciences, vol.2, special issue, pp.17-21, Feb 2011. E-ISSN 2218-6301

### **Conference Publications**

Shyam Mohan Parashar, **Leena G.**, . Mayank Pande,. Zaheeruddin, Jagvir Singh, Dynamic Capacitor Placement to Mitigate Disaster in Distribution System: A fuzzy Approach, Proceedings of IEEE Int. conference on Power Electronics, Control and Automation, held in Jamia, New Delhi, November 16-17, 2019,pp1-5, <https://xplore.staging.ieee.org/servlet/opac?punumber=8966544>

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**Leena G.**, Datta K. B., Ray G., A Set of Stabilizing PD Controllers For Multi-Input-Multi-Output Systems, Proceedings of International Conference on Electrical and Computer Engineering-ICECE-2008 held in Dhaka Bangladesh in Dec. 20-22, pp. 861-866, 2008. ISSN 00002008

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