

List of Journal Publications by faculty members

| Sr NO | Name of the Faculty | Name of the Journal | Title of the paper | Year of Publication | Name of co-author | Online Availability |
|-------|---------------------|--|--|--|---------------------------|---------------------|
| 1. | J.S. Saini, | Use Of Causal Knowledge in a Real-Time Fuzzy Logic Controller | IEEE Transactions on Industrial Applications, vol.35, no.3. | May / June 1999. | Y.P. Singh | Yes |
| 2. | J.S. Saini, | Use of Rule-Based Paradigm and Causal Knowledge in Self-Regulating Fuzzy PID Controller | Journal of Systems Science & Engineering, vol.1, no.1 | 1993 | R.Jha, Y.P.Singh | Yes |
| 3. | J.S. Saini, | Software Interfaces for Instrumentation | Journal of the Instrument Society of India, vol. 23, no. 3-4. | 1993 | A.Sharma, R. Thakur | Yes |
| 4. | J.S. Saini, | Evolving Optimal Fuzzy Logic Controllers by Genetic Algorithms | IETE Journal of Research | May / June 2004, vol. 50, no. 3 | M. Gopal, A.P. Mittal | Yes |
| 5. | J.S. Saini, | Genetic Algorithm Based PID Tuner | Journal of Institution of Engineers (India): Electrical Engg. Divn. This paper Awarded 'CERTIFICATE OF MERIT ' by Institution of Engineers (India) | vol. 85, Mar. 2005 | M. Gopal, A.P. Mittal | Yes |
| 6. | J.S. Saini | Enhancement of Placement Activities in Remotely Located Technical Institutes | The Indian Journal of Technical Edu. | Vol.17, no.3, July-Sept., 1994 | A.Kumar, R.Chandel, | Yes |
| 7. | J.S. Saini | Towards Generalized Expression for Schemata Count | Applied Soft Computing Journal | 11 (2011), DOI info.: 10.1016/j.asoc.2010.07.012 | Rajneesh Pawar | Yes |
| 8. | J.S. Saini | Interval Type-2 Fuzzy System For Autonomous Navigational Control Of Non-Holonomic Vehicle | International Journal of Information Technology and Knowledge Management | January-June 2012, Volume 5, No. 1, | Satvir Singh, Arun Khosla | Yes |
| 9. | J.S. Saini | Wavelet Based Approach For Removal Of Occular Artifact From EEG Recordings | Review of Business & Technology Research Vol.5, no.1, ISSN 1941-9414 | 2012 | Rohtash Dhiman, Priyanka, | No |
| 10. | J.S. Saini | Modern Optimization Techniques | GGGI Journal of Engineering & Technology, Volume 1, Issue 2 | July-Dec.,2012 | | No |
| 11. | J. S. Saini | Wavelet Analysis of Electrical Signals from Brain: The Electroencephalogram | Quality, Reliability, Security and Robustness in Heterogeneous Networks, Lecture Notes of Institute for Computer Sciences, Social Informatics & Telecommunications Engg., link http://link.springer.com / chapter / 10.1007/978-3-642-37949-9_24 | Vol. 115, 2013 | Rohtash Dhiman, Priyanka, | Yes |

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|-----|-------------|--|--|---|---------------------------------------|-----|
| 12. | J.S. Saini | Performance Prediction of Energy Efficient Permanent Split Capacitor Run Single Phase Induction Motor | Journal of Electrical Engineering (A non-paid journal). | 2013 | Vijay Ghial, L.M. Saini, | Yes |
| 13. | J.S. Saini | Parameters Estimation of Permanent Split Capacitor Run Single Phase Induction Motor Using Computed Complex Voltage Ratio | IEEE Transactions on Industrial Electronics (Impact factor = 5.16), vol. 61, no. 2 | Feb. 2014 | Vijay Ghial, L.M. Saini, | Yes |
| 14. | J.S. Saini | Genetic Algorithms Tuned Expert Model for Detection of Epileptic Seizures from EEG Signatures | Applied Soft Computing Journal | Vol.19, June 2014 | R. Dhiman, Prianaka, | Yes |
| 15. | J.S. Saini | Chaos embedded optimization algorithms state of the art | International Journal of Elect. & Commn. Technology | Vol. 5, issue 4, Dec. 2014. | Sanju Saini, | Yes |
| 16. | J.S. Saini | A Genetic Algorithm Optimised Fuzzy Logic Controller for Automatic Generation Control for Single Area System | Journal of The Institution of Engineers (India): Series B (from IE in association with Springer) Volume 96 , Issue 1 | January–March 2015, 96(1), DOI:10.1007/s40031-014-0102-3. | Vishal Jain. | Yes |
| 17. | J.S. Saini, | Range-Free 3D Node Localization in Anisotropic Wireless Sensor Networks | Applied Soft Computing, Elsevier Journal (SCI Journal, impact factor 2.675); 34 (2015) | 25.5.2015 | Anil Kumar, Arun Khosla, Satvir Singh | Yes |
| 18. | J. S. Saini | Schemata Tutorial | Journal of Multi – Disciplinary Engineering Technologies | Vol. 9, Issue – 2, July – Dec.2015 | Rajneesh Pawar, | Yes |
| 19. | J. S. Saini | Impact of Unique Schemata Count on the fitness value in Genetic Algorithms | Journal of Multi – Disciplinary Engineering Technologies | Vol. 9, Issue – 2, July – Dec.2015 | Rajneesh Pawar, | Yes |
| 20. | J.S. Saini | Chaotic Characterization and Forecasting of Electric Load Demand Time Series. | The IUP Journal of Electrical & Electronics Engineering | Vol. IX, no.3 July, 2016. | Sanju Saini, | Yes |
| 21. | J.S. Saini | Short Term Load Forecasting using Chaos Theory & ANFIS | Trends in Electrical Engineering | Vol. 6, no.2 2016, | Sanju Saini, | Yes |

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|-----|--------------|--|--|------|--------------------------|-----|
| 22. | J. S. Saini, | Motor Imagery Classification from human EEG signatures | Accepted for publication in International Journal of Biomedical Engineering & Technology (Inderscience). | 2016 | Rohtash Dhiman, Priyanka | No |
| 23. | J. S. Saini, | Multiresolution Analyses and Classification of Motor Imaging from EEG Signatures | Accepted for publication in Journal of Global Information Technology, (USA); SCI-Indexed | 2016 | Rohtash Dhiman, Priyanka | Yes |

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|---|-----------|---|--|-----------|-------------------------------|-----|
| 1 | D.K. Jain | IEEE Transactions on Power Delivery, 2016, issue 99. | Active ROCOF relay for islanding Detection | 2015-2016 | Pankaj Gupta, R. S. Bhatia | Yes |
| 2 | D.K. Jain | International Journal of Computer Application, vol.135, no.7,pp. 1-5, 2016. | Power quality monitoring using PMU | 2015-16 | Surender Kumar, MK Soni | Yes |
| 3 | D.K. Jain | International Journal of Business Continuity and Risk Management, Vol. 6, No 2, pp 96-111, 2015, Inderscience Publishers | Economic Analysis of Losses due to Voltage Sag on Industries using Sensitivity Method and Comparison with Cost of Mitigation Devices | 2015-16 | Surender Dahiya, Shanker Deep | Yes |
| 4 | D.K. Jain | International Journal of Business Continuity and Risk Management, Vol. 6, No 2, pp 112-120, 2015, Inderscience Publishers | Designing a new insurance policy for industries to cover losses due to voltage sag. | 2015-16 | Surender Dahiya, Shanker Deep | Yes |

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|----|------------|--|---|---------|---|-----|
| 5 | D. K. Jain | IEEE Trans on SMART GRID, vol. 6, no. 1, pp 26-35, Jan 2015 | Average Absolute Frequency Deviation Value Based Active Islanding Detection Technique | 2013-14 | Pankaj Gupta, R. S. Bhatia | Yes |
| 6 | D. K. Jain | Int J Energy Environ Eng (2014) 5:134 | Neutral current compensation techniques in autonomous wind energy sources | 2013-14 | Aarti Gupta, Surender Dahiya | Yes |
| 7 | D. K. Jain | Songklanakarin Journal of Science and Technology, Vol. 34(2), 2012, pp.195-201. [Indexed in SCOPUS, SCIM – Impact Factor of 1.0] | Application of PI controller based DSTATCOM for improving the power quality in a power system network with induction furnace load | 2013-14 | Parag Nijhawan, Ravinder Singh Bhatia | Yes |
| 8 | D. K. Jain | IET Power Electronics, Vo. 6(9), Nov. 2013, pp.1939-1947. [Indexed in SCIE, Impact Factor of 1.61] | Improved Performance of Multilevel Inverter Based DSTATCOM with Induction Furnace Load | 2013-14 | Parag Nijhawan, Ravinder Singh Bhatia and | Yes |
| 9 | D. K. Jain | International Review on Engineering Applications, Vol. 1(6), pp. 288-297, Nov. 2013. | Comparison of SPWM And SVPWM Controls for Three Phase Inverter with Different Loads in Distribution Networks | 2013-14 | Parag Nijhawan, Ravinder Singh Bhatia | Yes |
| 10 | D. K. Jain | International Review of Automatic Control, Vol. 7(2), pp. 166-175, March 2014. [Indexed in SCOPUS, Impact Factor of 0.506] | Performance Analysis of Different Control Methods of Z-Source Inverters Feeding Induction Furnace Load | 2013-14 | Parag Nijhawan, Ravinder Singh Bhatia | Yes |

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|----|------------------|---|---|-----------|---------------------------------------|-----|
| 11 | D. K. Jain | Wulfenia Journal, Vol. 21(3), pp. 356-368, March 2014. [Indexed in SCIE, Impact Factor of 0.467] | Comparative performance analysis of 3-phase cascaded H-bridge multilevel inverters feeding induction furnace load | 2013-14 | Parag Nijhawan, Ravinder Singh Bhatia | Yes |
| 12 | D. K. Jain | International Journal of Electrical , Electronics and Computer Engineering (IJECE) , Volume.3, Edition: 1, pp. 37-47, February 2014 | Survey Related to Power Quality Issues in Indian Electricity Market | 2013-14 | L.P.Singh, R.S.Bhatia, | Yes |
| 13 | D. K. Jain | International Journal on Emerging Technologies (IJET), Volume.5, Edition: 1, pp. 38-45, March 2014. | Power Quality Issues Related to Domestic Consumers in Delhi State (India)-A Survey | 2013-14 | L.P.Singh, R.S.Bhatia, | Yes |
| 14 | D. K. Jain | Journal of Wind Energy, vol. 2014, Article ID 653864, 7 pages, 2014. doi:10.1155/2014/653864. | Load Sharing of Wind Based Microgrid in Autonomous Operation, | 2013-14 | Aarti Gupta, Surender Dahiya | Yes |
| 15 | D.K. Jain | International Journal of Applied Engineering Research, vol. 9, no. 21, 2014, pp. 11763-11778. | Applications of PMU based information in Power Quality Monitoring | 2014-2015 | Surender Kumar, MK Soni | Yes |
| 16 | Ajai Kumar singh | International journal of computer Applications, Vol. 61, No. 15, January 2013 | Automatic Generation Control of an interconnected Power System Before and after Deregulation | 2013 | Pardeep Nain, K.P.S.Parmar | Yes |
| 17 | Ajai Kumar singh | Advanced Research in Electrical and Electronic Engineering, Krishi Sanskriti Publications, Vol. 1, No. 4, pp. 46-49, 2014 | Wireless Data Logger for Logging of EMG Signal using LabVIEW | 2014 | Raman Dev | Yes |
| 18 | Ajai Kumar singh | Advanced Research in Electrical and Electronic Engineering, Krishi Sanskriti Publications, Vol. 2, No. 2, pp. 147-151, 2014. | Implementation of Intelligent Controller for a Single Phase Grid Connected Voltage Source Inverter | 2014 | Puneet Singla | Yes |
| 19 | Ajai Kumar singh | Advanced Research in Electrical and Electronic Engineering, Krishi Sanskriti Publications, Vol. 1, No. 4, pp. 32-36, 2014 | SIMULINK Based Performance Analysis of PID Controller for Single Phase Grid Connected Voltage Source Inverter | 2014 | Puneet Singla | Yes |
| 20 | Ajai Kumar singh | International journal of Biomedical Engineering and Technology, Inderscience, Vol. 19, No.2, pp. 187-204, 2015. | Distortion Analysis of EMG Signal using LabVIEW as an Effective Tool | 2015 | Raman Dev | Yes |
| 21 | Ajai Kumar singh | International journal of Biomedical Engineering and Technology, Inderscience, Accepted for Publication. 2016 | Performance Analysis of Classifiers for EMG Signal of Different Hand Movements | 2016 | Raman Dev | Yes |
| 22 | Anil kuamr, | International journal of soft computing and engineering (ijsce), July 2013. | Performance analysis of a grid integrated large scale photovoltaic power plant with MPPT facility. | 2013 | Himansu kaushik, naveen kaushik | Yes |

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|----|--------------------|---|---|-------|------------------------------------|-----|
| 23 | Anil kumar | International journal of enhanced research in science,technology and engineering.ISSN NO. 2319-7463,paper ID- IJERSTE-140738 ^a , In July 2014 with impact factor 1.252 | Transmission line fault detection using BFONN | 2014 | Ashok kumar | Yes |
| 24 | Anil kumar | International journal of scientific and engineering research,volume6,issue5,may-2015 | Transient performance analysis of CPSS and Fuzzy logic power system stabilizer based power system | 2015 | Chander shekhar, sandeep dhundhara | Yes |
| 25 | Anil kumar, | international journal of electrical engineering, issn 0974-2158 volume 6, number 5 (2013), pp. 493-508 | Application of Storage Devices to Improve Dynamic Performance of FLC Based Power System. | 2013 | Sandeep dhundhara ,J.raja | Yes |
| 26 | Naresh Kumar Yadav | International Journal for Scientific Research & Development, Vol. 1, Issue 7, pp. 1398-1402, September 2013 | Optimal Spinning Reserve Capacity in Power Market | 2013 | Anil Sheokand, Indu Maheshwari | Yes |
| 27 | Naresh Kumar Yadav | IJIREICE, Vol. 1, Issue 5, October 2013 | Implementation of TCSC in Congestion Management | 2013 | Arti Saini | Yes |
| 28 | Naresh Kumar Yadav | International Journal of Computational Engineering & Management, Vol. 16, Issue 1, pp. 46-50, January 2013 | Transient stability analysis of multi-machine power system with FACTS devices using MATLAB/Simulink environment | 2013. | | Yes |
| 29 | Naresh Kumar Yadav | International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 2, Issue 6, pp. 2297-2307, June 2013 | Available Transfer Capability Calculation using DCPTDF Incorporating Multiple Line Contingencies and Generator Addition under Deregulated Environment | 2013. | Prashant Sharma | Yes |
| 30 | Naresh Kumar Yadav | International Journal of Scientific & Technology Research, Vol 2, Issue 7, pp. 60-65, July 2013. | Single/Multiple Transaction ATC Determination for Intact/Contingency Cases using Sensitivity Factors | 2013. | Prashant Sharma | Yes |
| 31 | Naresh Kumar Yadav | IOSR Journal of Electrical andn Electronics Engineering(IOSR-JEEE), Vol. 9, Issue 4 Ver. II, pp. 1-6, July-August 2014 | Load Forecasting for Weekend Load Using ANN Technique in Deregulated Environment | 2014 | Anju Bala | Yes |
| 32 | Naresh Kumar Yadav | International Journal of Advances in Electrical and Electronics Engineering, Vol. 3, No. 3, pp. 144-155, December 2014 | A Hybrid (FE-DE) Approach to Solve Economic Load Dispatch", | 2014 | | Yes |
| 33 | Naresh Kumar Yadav | Current Trends in Technology and Science, Vol. 3, Issue 4, pp. 247-251, June-July 2014. | Implementation of Artificial Neural Network for Short Term Load Forecasting | 2014. | Anju Bala | Yes |

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| 34 | Naresh Kumar Yadav | International Journal of Enhanced Research in Science & Technology, Vol. 4, Issue 1, pp. 32-39, January 2015 | Power Flow Control using FACTS Devices | 2015 | Rekha Khatter | Yes |
| 35 | Naresh Kumar Yadav | International Journal for Numerical Methods in Engineering, [Int. J. Numer. Meth. Engng. (2015)], Published online on 27 April, | A hybrid optimization model for proficient bidding strategies with no Karush–Kuhn–Tucker optimality conditions | 2015 | | Yes |
| 36 | Naresh Kumar Yadav | Published in Journal of Experimental & Theoretical Artificial Intelligence, 2016 (Taylor & Francis Publication | Group Search Optimizer based Optimal Bidding strategies with No Karush-Kuhn-Tucker Optimality Conditions | 2016 | | Yes |
| 37 | Ravi | International Journal of Engineering Research and Technology, Vol. 3 Issue 7, July – 2014, ISSN: 2278-0181. | Analysis of Power System Oscillation Damping & Voltage Stability improvement using SSSC in a Multimachine system | 2014 | | Yes |
| 38 | Ravi | International Electrical Engineering Journal (IEEJ) Vol. 5 (2014) No.7, pp. 1478-1483 ISSN 2078-2365. | Impact of plug-in electric vehicles on the distribution grid | 2014 | | Yes |
| 39 | Ravi | International Journal of Science and Research (IJSR), Volume 3 Issue 6, June 2014, ISSN : 2319-7064 | Coverage Hole Reduction in Wireless Sensor Networks using Swarm Technique | June 2014 | | Yes |
| 40 | Ravi | Current Trends in Technology and Science, Volume: 3, Issue: 4 (June-July 2014), ISSN: 2279- 0535. | Available Transfer Capability Calculation Using ACPTDF & DCPTDF on IEEE-24 bus System under Deregulated Environment | June-July 2014 | | Yes |
| 41 | Rohtash Dhiman, | Lecture Notes of the Institute for Computer Science, Social Informatics and Telecommunications Engineering, Springer, Volume 115, 2013, pp-238-289 | Wavelet Analysis of electrical signals from brain- the electroencephalogram | 2013 | J.S. Saini, Priyanka | Yes |
| 42 | Rohtash Dhiman, Dr. J.S. Saini, | Applied soft computing 19 (2014) 8-17 | Genetic Algorithm tuned Expert Model for detection of Epileptic Seizures from EEG signatures | 2014 | Dr. J.S. Saini, Dr. Priyanka | Yes |
| 43 | S K Gupta | International Journal of engineering Research and Technology, IJERT, Vol.2, No. 7, July 2013. | Fault Ride Through Analysis of Wind Farm in low voltage Distribution System | 2013. | Manju Agarwal, Madhusudan Singh | Yes |
| 44 | S K Gupta | MR International Journal Of Engineering & Technology Vol 7, No 2 (2015), Http://Mriu.Edu.In/Mrijet/Index.Php/Mrijet/Issue/View/12 | analysis and mitigation of sub-synchronous resonance in power system with svc and using bfo based optimal controller | 2015 | | Yes |

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| 45 | S. K. Gupta | International Journal of Emerging Technology and Advanced Engineering | Improvement of Input Power Factor and Reduction in Harmonic Content of a Single Phase AC-DC Converter Via sPWM Technique | 2013 | Rachit Goyal, Ashutosh Tripathi, Akash Deep, Arvind Garg | Yes |
| 46 | S. K. Gupta | International Journal of engineering Research and Technology. ISSN: 2278-0181, Vol 2- Issue 12(December 2013 | Enhancement of voltage stability in a power system using STATIC VAR SYSTEM | 2013 | Pinki yadav, Dr.P.R. Sharma | Yes |
| 47 | S. K. Gupta | World Academy of Science, Engineering and Technology International Journal of Electrical, Electronic Science and Engineering | ATC in Competitive Electricity Market Using TCSC | 2014 | Richa Bansal | Yes |
| 48 | S. K. Gupta | Review of energy Technology and Policy Research, 2014, 1(3):28-41, Pak Publishing Group, Punjab, Pakistan | Energy Trading And Congestion management using Real and Reactive Power Rescheduling and Load Curtailment | 2014 | Rich Bansal, Partibha and Muksh Saini | Yes |
| 49 | S. K. Gupta | International Journal of Electrical Power Systems: Analysis, Security and Deregulation: www.sci-journals.com 2014 | Power Trading And Congestion management using Real Power Rescheduling using UPFC | 2014 | Rich Bansal, Partibha and Muksh Saini | Yes |
| 50 | S. K. Gupta | The IUP Journal of Electrical and Electronics Engineering, July, 2014, IJEEE51407, pages 19, http://www.iupindia.in/1407/Electrical | Analysis and Mitigation of SSR in Series Compensated line using SVC and optimal Control Theory | 2014 | Raman Kumar | Yes |
| 51 | S. K. Gupta | International Journal of Engineering Innovative Technology (IJEIT), vol. 3, issue 12, pp 164-169, June 2014 | Two Area AGC in Interconnected System Under the Restructured Power system Using BFO with Optimal Control Theory | 2014 | Yogender Arya, Shivank Shukla and Pankaj Chawala | Yes |
| 52 | S. K. Gupta | Review of Energy Technologies and Policy Research, Vol. No. issue No. 1, pp.16-28, 2015 Pak Publishing Group, Punjab, Pakistan | Economic Load Dispatch in thermal power plant considering additional constraints using curve fitting and ANN | 2015 | Pankaj Chawla | Yes |
| 53 | S. K. Gupta | European Journal of Advances in Engineering and Technology, 2015 | Design of a Fuzzy Logic Controller Based STATCOM for IEEE9 Bus System | 2015 | Aviral Awasthi, MK Panda | Yes |
| 54 | S. K. Gupta | European Journal of Advances in Engineering and Technology, 2015, 2(4): 62-67, www.ejaet.com . | Fault Ride Through capability of DSTACOM for Distributed Wind Generation System | 2015 | Manju Agarwal, Madhusudan Singh | Yes |
| 55 | S. K. Gupta | International Journal Series in Engineering Science (IJSES), Vol 1, No 1 (2015), Page 39-48. | Transmission Prices for Bilateral Contracts and Optimization of Pool Contracts using GA and ABC | 2015 | H D Sharma | Yes |
| 56 | S. K. Gupta | Journal of Energy in South Africa, Vol. 26 No. 4, November 2015, page 81-87 | Improving Voltage Profile of load bus of wind generation system using STATCOM | 2015 | Manju Agrawal, Madhusudan | Yes |

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|----|-------------|---|---|------------|--------------------------------|-----|
| 57 | S. K. Gupta | IOSR journal of electrical and electronic Engineering (IOSR-JEE) e-ISSN: 2278-1676, p-issue 2320-3331, volume9 Issue 01(2014), pp-86-72 | Enhancement of voltage stability in a power system using Unified power flow controller | Jan2014 | Pinki yadav, Dr.P.R. Sharma | Yes |
| 58 | Sanju Saini | International Journal of Electrical, Electronics and Data Communication, vol. 1, Issue 4, pp. 56-59, ISSN:2320-2084, 2013 | Matlab Simulation of Chaotic System and its Application in Secure Communication with AWGN Channel | 2013 | Pawan | Yes |
| 59 | Sanju Saini | International journal of Engineering Science and Technology, Vol. 4, No. 7, pp. 3329-3334, | Automatic generation control of multi-area power systems using ANN controller | July 2012. | Bipasha Bhatia, Narender kumar | Yes |
| 60 | Sanju Saini | International Journal of Electrical and Electronics Engineers, Vol. 7, Issue 1, June 2015. | Solar Tracking: An efficient method of improving solar plant efficiency | June 2015 | Ketan Kumar | Yes |
| 61 | Sanju Saini | International journal of computer science & technology", Vol. 3, Issue 1, pp. 500-504 | Speed control of separately excited d.c. motor using self tuned ANFIS techniques | March 2012 | Arvind kumar | Yes |

No.

IPR (including Books, Monographs) / Product Development

1. "Power System Engineering" published by Dr. S K Gupta, Umesh Publication, 2013 (Reprint)
2. Book Chapter by Dr J S Saini, Prof., EED, DCRUST, Murthal, "Nature-inspired tool box to design and optimize systems", in machine learning algorithms for problem solving in computational applications: Intelligent techniques, IGI Global, Hershey, USA, 2012, pages 273-291. And A PSO-based framework for designing fuzzy systems from noisy data set", IGI Global, Hershey, USA, 2012 pages 210-228.

Conference Publications

| S.No. | Name Of The Faculty | Name of the conference | Title of the paper | Year of Publication | Name Of Co-Author | Online Availability |
|-------|---------------------|--|--|---------------------|---------------------------------------|---------------------|
| 1 | Dr. D.K Jain, | IEEE Innovative Smart Grid Technologies Conference (ISGT), from 4-6 November 2015, Centara Grand & Bangkok Convention Centre at CentralWorld, Bangkok. | Overcurrent Protection of Distribution Network with Distributed Generation | 2015 | Aarti Gupta, Surender Dahiya | Online Availability |
| 2 | Dr. D.K. Jain | IEEE 6th India International Conference on Power Electronics (IICPE), Dec. 2014 | Effectiveness of UPQC in a Distribution Network with DTC Drive as Load | 2014-2015 | Parag Nijhawan, Ravinder Singh Bhatia | Online Availability |
| 3 | Dr. D.K. Jain | IEEE 6th India International Conference on Power Electronics (IICPE), Dec. 2014 | Improved Performance of IPDPWM CHBMLI Based DSTATCOM in a Distribution Network with Induction Furnace Load | 2014-2015 | Parag Nijhawan, Ravinder Singh Bhatia | Online Availability |
| 4 | Dr. D.K. Jain | IEEE 6th Power India Conference, DCRUST ,Dec. 2014 | Power System Stability Analysis with Large Scale Penetration of Distributed Generation | 2014-2015 | Ravi Sharma, Mukhtiar Singh, | Online Availability |
| 5 | Dr. D.K. Jain | IEEE Fifth Power India Conference, DCRUST, Dec. 2014 | State Estimation Through Optimally Placed PMU | 2014-2015 | Amita Deswal Mukhtiar Singh, | Online Availability |
| 6 | J.S. Saini | Proceedings of TEQIP-sponsored National Conference on Contemporary Techniques & Technologies in Electronics Engineering | Image Fusion and Its Performance Measures. | 2013 | Vijay Pal Singh, Priyanka | YES |
| 7 | J.S. Saini | Fourth International Conference on Recent Trends in Information, Telecommunication and Computing – ITC 2013, | Application Module of BBO for Fingerprint Recognition | 2013 | Manish Saini, Deepti Goel | YES |
| 8 | J.S. Saini | Fourth International Conference on Recent Trends in Information, Telecommunication and Computing | Signal processing Techniques for the Classification of Fingerprints | 2013 | Manish Saini, Deepti Goel | YES |

| S.No. | Name Of The Faculty | Name of the conference | Title of the paper | Year of Publication | Name Of Co-Author | Online Availability |
|-------|---------------------|---|--|---------------------|---------------------------------------|---------------------|
| 9 | J.S. Saini | International Conference on Emerging Trends and Developments in Science, Management and Technology | BFOA-based FLC Load Frequency Control of Interconnected Power System | 2013 | Atharv Sharma | YES |
| 10 | J.S. Saini | Qshine 2013 - 9th International Conference on Heterogeneous Networking for Quality, Reliability, Security & Robustness | Qshine 2013 - 9th International Conference on Heterogeneous Networking for Quality, Reliability, Security & Robustness | 2013 | R. Dhiman, Priyanka | YES |
| 11 | J.S. Saini | 7th International Conf. on Advanced Computing & Communication Technologies; Chapter IEEE Delhi Section | Review of Mathematical Modelling for Embryonic Wound Healing - A prelude to a novel optimization algorithm | 2013. | Neha Bhatt, Seema Chawla | YES |
| 12 | J.S. Saini | IEEE International Conference on Signal Processing & Communication (ICSC), 2013 | Performance analysis of modified wavelets using unspoken words. | 2013. | Saini, Manish Kumar; Neeraj | YES |
| 13 | J.S. Saini | IEEE International Conference on Signal Processing & Communication (ICSC), 2013 | Moment based wavelet filter design for fingerprint classification | 2013. | Saini, Manish Kumar; ; Sharma, Shachi | YES |
| 14 | J.S. Saini | 3rd International Conference on Biomedical Engineering & Assistive Technologies | Wavelet Packet based features extraction from Electroencephalogram signal | 2014 | Rohtash Dhiman, Priyanka, | YES |
| 15 | J.S. Saini | International Conf., CONFLUENCE 2014: The Next Generation Information Technology Summit on theme: Cloud Security and Big Data | Epileptic Seizure Detection using PCA on wavelet subbands | 2014 | | YES |
| 16 | Manish Kumar Saini | International Conference on Control, Robotics and Cybernetics (ICCRC 2011) | Power Quality Events Classification using MWT and MLP | | | Online Availability |
| 17 | Manish Kumar Saini | International conference on Advanced computing and Communication Technologies | Optimization of AMR-WB+ Speech Codec (Decoder)Using TMS320C6713 | | | Online Availability |

| S.No. | Name Of The Faculty | Name of the conference | Title of the paper | Year of Publication | Name Of Co-Author | Online Availability |
|-------|---------------------|---|--|---------------------|---------------------|---------------------|
| 18 | Manish Kumar Saini | Proc. of Int. Conf. on Advances in Signal Processing and Communication 2013 | Application of Hilbert-Huang Transform in the Field of Power Quality Events Analysis | 2013 | | Online Availability |
| 19 | Manish Kumar Saini | 2 nd International Conference on Advances in Signal Processing and Communication-SPC 2013 | Review on Image Enhancement in Spatial domain | 2013 | | Online Availability |
| 20 | Manish Kumar Saini | Proc. of Int. Conf. on Advances in Signal Processing and Communication 2013 | Signal processing and Soft Computing Techniques For Single And Multiple Power Quality Events Classification | 2013 | | Online Availability |
| 21 | Naresh Kumar Yadav | National Conference on Interdisciplinary Research in Science & Technology (NCIRST-2015) | Automatic Car Wash System | 2015 | | YES |
| 22 | Ravi Lathwal | international conference at Le Meridien, Delhi | application of SSSC based power oscillation damping controller for transient stability enhancement of multimachine system for unsymmetrical faults | | | Online Availability |
| 23 | Ravi Lathwal | national conference vaish college rohtak | evolutionary routing protocol for wireless networks | | | Online Availability |
| 24 | Ravi Lathwal | national conference at Coimbatore institute of technology, Coimbatore | evolutionary optimum path routing in networks | | | Online Availability |
| 25 | Rohtash Dhiman | 9th international confrence on hetrogenous networking for quality, reliability, security and robustness | wavelet analysis of electrical signals from brain - electroencephalogram | 2013 | J.S.Saini, Priyanka | Online Availability |
| 26 | Rohtash Dhiman | 3rd international confrence on biomedical engg and assitive technologies | wavelet packetbased features extraction from eeg signals | 2014 | J.S.Saini, Priyanka | YES |
| 27 | S,K.Gupta | CERA 2013 | ATC enhancement using UPFC | 2013 | Ruchi Verma | YES |

| S.No. | Name Of The Faculty | Name of the conference | Title of the paper | Year of Publication | Name Of Co-Author | Online Availability |
|-------|---------------------|--|---|---------------------|--|---------------------|
| 28 | S,K.Gupta | National conference Dec.2013. | Enhancement of Power Quality in Low Voltage Distribution System' | 2013 | Manju Agarwal, Madhusudan Singh | YES |
| 29 | S,K.Gupta | National Conference on Advances in Power & Control (AIPC 2015) held at MRIU Faridabad on 28 th August 2015 | Damping SSR in Power Systems using BFO | 2015 | | YES |
| 30 | S,K.Gupta, | IEEE Sponsored national Conference On Advances in Electrical Power and Energy Systems, Sept 20-21 2013 at Ajay Kumar Garg Engineering College, Ghaziabad, pp. 8-17. | Fuzzy logic based Automatic Generation Control of Four Area Interconnected Electrical power Systems | 2013 | Yogendra Arya, Narendra Kumar, Ibraheem | YES |
| 31 | S,K.Gupta, | International Conference on Electrical Engineering & Technology by World Academy of Science Engineering & Technology on 27-28 Feb. S K Gupta & Richa Bansal at Rio de Janeiro, Brazil. | ATC in Competitive Electrical market | 2014 | Richa Bansal | YES |
| 32 | S,K.Gupta, | 6 th IEEE Power India Conference 2014 held at Le-Meridian, Connaught Place, New Delhi from 5 th to 7 th Dec. 2014 | Two-Area AGC in Interconnected System Under the Restructured Power System Using BFO Controller | 2014 | Yogendra Arya Shivank Shukla Pankaj Chawla | YES |
| 33 | S,K.Gupta, | 6 th IEEE Power India Conference 2014 held at Le-Meridian, Connaught Place, New Delhi from 5 th to 7 th Dec. 2014 | Power Trading and Congestion Management using Real Power Rescheduling | 2014 | R.Bansal , Partibha ,Mukesh Saini | YES |
| 34 | Sanju Saini | National conference on contemporary techniques & technologies in Electronics Engineering, D.C.R.U.S.T, Murthal, Sonapat | Multisim Implementation & application of Chua's circuit in secure communication | 2013 | Megha Tiwari, | YES |
| 35 | Sanju Saini | Association of Computer Electronics and Electrical Engineers, 2013 | Chaotic Search Based Genetic Algorithm for Economic Load Dispatch Problem | 2013 | Snehlata, | YES |

| S.No. | Name Of The Faculty | Name of the conference | Title of the paper | Year of Publication | Name Of Co-Author | Online Availability |
|-------|---------------------|--|---|----------------------------|-----------------------------|---------------------|
| 36 | Sanju Saini | Proceedings of IEEE International Conference on Parallel, Distributed and Grid Computing, Wagnaghat, Solan, H. P., India | Secure Communication Using Memristor based Chaotic Circuit | 2014 | Dr. J.S.Saini | YES |
| 37 | Sanju Saini | Proceedings of International Conference on Interdisciplinary Research & Technological Developments, Chandigarh | Chaos Embedded Optimization Algorithms : State of the Art | 2014 | J.S.Saini, | YES |
| 38 | Sanju Saini | Proceedings of IEEE Symposium on Computational Intelligence for Engineering solutions 2014 , Orlando, Florida, U.S.A | GA Optimized Time Delayed Feedback Control of Chaos in a Memristor Based Chaotic Circuit | Sanju Saini, Dr. J.S.Saini | Dr. J.S.Saini | YES |
| 39 | Surender Dahiya, | IEEE International Conference on Impact of Engineering on Global Sustainability, from 13-15 December 2013, IIT Bombay, Mumbai, India. | Simulation of sensorless speed control of PMSM based on FOC method with MRAS adaptive speed estimator | 2013 | Pardeep Kumar, Naveen Kumar | Online Availability |
| 40 | Surender Dahiya, | IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS), from 15-18 December 2013, SRM University, Chennai, India | Performance evaluation of Ant based routing protocol for WNSs with Heterogeneous nodes under different radio propagation models | 2013 | Sanjay Kumar, Mayank Dave | Online Availability |
| 41 | Surender Dahiya, | IAENG, The 2014 International Conference of Electrical and Electronics Engineering under World Congress on Engineering 2014, from 2-4 July 2014, South Kensington campus, Imperial College London, London, U.K | Sensor less Speed Control of PMSM using SVPWM Technique Based on MRAS Method for Various Speed and Load Variations | 2014 | Pardeep Kumar | |
| 42 | Surender Dahiya, | 6 th IEEE Power India International Conference 2014 from 5-7 December, 2014, New Delhi | Dynamic Stability Enhancement of Power System Using PSO Optimized Fuzzy Power System Stabilizer | 2014 | Ritika Arora | Online Availability |