

K.L.N.COLLEGE OF ENGINEERING
(An Autonomous Institution, affiliated to Anna University)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

STAFF WISE LIST OF PUBLICATIONS

Dr. S. Venkstesan, Professor

| S.No. | Academic Year | No. of Journal Published | No. of International Conference | No. of National Conference |
|--------------|----------------------|---------------------------------|--|-----------------------------------|
| 1. | 2021 - 2022 | -- | --- | 2 |
| 2. | 2020 – 2021 | -- | --- | 1 |
| 3. | 2019 - 2020 | 1 | - | 3 |
| 4. | 2018 – 2019 | --- | 2 | 1 |
| 5. | 2017 – 2018 | 4 | 5 | -- |
| 6. | 2016 – 2017 | 1 | 1 | 2 |
| 7. | 2015 - 2016 | 1 | 1 | 1 |
| 8. | 2014 - 2015 | 1 | 1 | - |
| 9. | 2013 – 2014 | 1 | 2 | - |
| 10. | 2012 – 2013 | 2 | - | - |
| 11. | 2011 - 2012 | 2 | 3 | 4 |
| 12. | 2010 – 2011 | 2 | 1 | 2 |
| 13. | 2009 – 2010 | - | - | 1 |

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|------------|-------------|---|---|---|
| 14. | 2008 – 2009 | 1 | - | 2 |
| 15. | 2007 – 2008 | - | - | 2 |
| 16. | 2006 – 2007 | - | - | 1 |
| 17. | 2005 – 2006 | - | - | - |
| 18. | 2004 – 2005 | - | - | 1 |

| Academic Year - 2021-22 -Conference | | | | | |
|--|---|---|---|---------------------------|--------------------------------|
| S.No | Title of the Paper | Name of the Conference | Venue | Date | National /International |
| 1 | Energy Consumption Indicator For Industries and Agriculture | Virtual Conference on Smart computing & advanced communication (SCAC' 22) | PSNA College of Engineering & Technology Dindigul | 13 th May 2022 | National |
| 2 | IoT based solar panel cleaner | Virtual Conference on Smart computing & advanced communication (SCAC' 22) | PSNA College of Engineering & Technology Dindigul | 13 th May 2022 | National |

| Academic Year - 2020-21 -Conference | | | | | |
|--|---|--|--|------------------|--------------------------------|
| S.No | Title of the Paper | Name of the Conference | Venue | Date | National /International |
| 1 | Smart Way for Secured Electoral Voting System | National Web Conference on Challenges and Innovation in Engineering & Technology (NWCCIET21) | Ramco Institute of Technology, Rajapalayam | 19-20 March 2021 | National |

| Academic Year - 2019-20 -Journal | | | | |
|---|--|--|---|----------------------|
| S.No | Title of the paper | Name of the Journal & DOI | Month &Year of Publication | Impact Factor |
| 1 | A Fully Portable IOT Controller Based Robot System for Cleaning Solar Panels | International Research Journal on Advanced Science HUB | Special Issue on ICES 2020 ISSN: 2582- 4376 | - |

| Academic Year - 2019-20 -Conference | | | | | |
|--|---|---|--|----------------------------|--------------------------------|
| S.No | Title of the Paper | Name of the Conference | Venue | Date | National /International |
| 1 | IOT Based Dual Axis Solar Tracking System for Electric Vehicle | National Conference on Power Electronics and Drives (NCPED'20) | Alagappa Chettiar Government College of Engineering and Technology | 5 th March 2020 | National |
| 2 | Implementation of Fuzzy Logic based MPPT for Solar PV System | National Conference on Power Electronics and Drives (NCPED'20) | Alagappa Chettiar Government College of Engineering and Technology | 5 th March 2020 | National |
| 3 | Concept for Implementation of Wildlife Monitoring to Contribute Sustainable Development Goals | National Conference on Smart Computing and Advanced Commuincation (SCAC'20) | PSNA College of Engineering and Technology | 06th March 2020 | National |

| Academic Year - 2018-19 -Conference | | | | | |
|--|---|--|---|-----------------------------|--------------------------------|
| S.No | Title of the Paper | Name of the Conference | Venue | Date | National /International |
| 1 | Portable Robot System for Cleaning Solar Panels | International Conference on Recent Trends in Science, Engineering & Technology (ICRTSET' 19) | Ck College of Engineering & Technology Cuddalore | 9 th March 2019 | International |
| 2 | Automatic Single Phasing Detection and Correction in Three Phase Induction Machine in Industries using Micro controller | International conference on Recent Innovations in Engineering (ICRIE'19) | Sri Subramanya College of Engineering and Technology Palani | 23 rd March 2019 | International |

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|---|--|---|---|-----------------------------|----------|
| 3 | Premature Detection of Breast Carcinoma with Improved Accuracy | National Conference on Recent Trends in Information, Communication and Computing Technologies (RTICCT 19) | KSR College of Engineering, Thiruchengode | 10 th MARCH 2019 | National |
|---|--|---|---|-----------------------------|----------|

Academic Year - 2017-18 -Journal

| S.N O | Title of the paper | Name of the Journal & DOI | Month &Year of Publication | Impact Factor |
|----------|---|--|--|---------------|
| 1. | Location of DG Based on Sensitivity Factor In Deregulated Environment using PSO Algorithm | International Journal of Scientific and Engineering Research, ISSN:2229-5518 | Vol. 9, Issue 3, pp.219-224, March, 2018 | 4.4 |
| 2 | Reduction of Torque Ripple Content in the BLDC Motor | International Journal of Electrical and Electronics Engineering, ISSN: 2348 – 8379 | Special Issue, pp.47-51, April 2018 | 2.01 |
| 3 | Smart Industrial Monitoring and Controlling using Internet of Things | International Journal of Electrical and Electronics Engineering, ISSN: 2348 – 8379 | Special Issue, pp.52-56, April 2018 | 2.01 |
| 4 | Location of Distributed Generation Using Improved PSO Algorithm, | Journal of Applied Science and Computations, ISSN : 0076-5131 UGC Approved Journal | Vol. 5 Issue. 6 pp. 152-162, June 2018 | 5.8 |

Academic Year - 2017-18 -Conference

| S.No | Title of the Paper | Name of the Conference | Venue | Date | National /International |
|------|---|--|--|--|-------------------------|
| 1 | Allocation of Distributed Generation Using Sensitivity Factor in Deregulated Environment | AICTE Sponsored International Conference on Power and Energy Systems -ICPES'17 | Velammal College of Engineering & Technology | 21 st & 22 nd DEC 2017 | International |
| 2 | Location of DG Based On Sensitivity Factor In Deregulated Environment Using PSO Algorithm | International Conference on Contemporary Topics in Electrical And Electronics Engineering-ICCTEEE"2018 | Karpagam College of Engineering | 27 th & 28 th FEB 2018 | International |

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|---|--|--|--|--|---------------|
| 3 | Smart Industrial Monitoring and Controlling Using Internet of Things | 2 nd International Conference on Recent Trends in Engineering, Computers Information Technology and Applications – ICRTECITA-18 | PSNA College of Engineering and Technology | 23 rd MARCH 2018 | International |
| 4 | Reduction of Torque Ripple Content in the BLDC motor | 2 nd International Conference on Recent Trends in Engineering, Computers Information Technology and Applications – ICRTECITA-18 | PSNA College of Engineering and Technology | 23 rd MARCH 2018 | International |
| 5 | Location of Distributed Generation Using Improved PSO Algorithm | International Conference on Innovations in Engineering and Industrial Applications 2018 – ICIEIA'18 | K.L.N. College of Engineering Madurai | 11 th & 12 th MAY 2018 | International |

Academic Year - 2016-17-Journal

| S.NO | Title of the paper | Name of the Journal & DOI | Month & Year of Publication | Impact Factor |
|------|---|---|---|---------------|
| 1. | Locational Marginal Pricing (LMP) based Optimal Bilateral Transaction in Deregulated Environment, | International Journal of Science Technology and Engineering, ISSN:2349-784X | Vol:3, Issue:08, pp. 122-129, Feb 2017. | 4.753 |

Academic Year - 2016-17 –Conference

| S.No | Title of the Paper | Name of the Conference | Venue | Date | National /International |
|------|---|--|---|--|-------------------------|
| 1 | Determination of IPP Location in Deregulated Electricity Market .based on LMP | International Conference on Engineering and Technology (ICET) | Karpagam College of Engineering, Coimbatore | 16 th -17 th December 2016 | International |
| 2 | Missile Launcher Pad Based Military Robot | National Conference on Innovations in Engineering and Technology | Karpagam College of Engineering, Coimbatore | 25 th February 2017 | National |
| 3 | Search Rescue and Health Care Drone c Medical Drone | National Conference on Innovations in Engineering and Technology | Karpagam College of Engineering, Coimbatore | 25 th February 2017 | National |

International Journal:

| S.NO | Title of the paper | Name of the Journal & DOI | Month & Year of Publication |
|---------------------------------|---|---|--|
| Academic Year(2015-2016) | | | |
| 1. | Assessment of Locational Marginal Pricing for Reliable Wheeling Transaction in Deregulated Power Market | International Journal of Advanced Engineering Research and Applications ISSN 2454-2377 | May 2016 |
| Academic Year(2014-2015) | | | |
| 1. | Assessment of wheeling transaction in deregulated environment using PSO | International Journal of Applied Engineering and Research ISSN 0973-4562 | Dec 2014 |
| Academic Year(2013-2014) | | | |
| 1. | Optimal Wheeling Transaction in Hybrid Power Market using PSO | International Journal of Innovative Research in Science, Engineering and Technology | March 2014 |
| Academic Year(2012-2013) | | | |
| 1. | Swarm Intelligence Based Algorithm for Wheeling Transaction in Deregulated Power Industry | International Journal of Innovation Computing Information and Control, ISSN 1349-4198 | Jan 2013 |
| 2. | Wheeling Transaction based on selected of IPP in a Deregulated Environment | Journal of Electrical Engineering, ISSN 1582-4594 | March 2013 |
| Academic Year(2011-2012) | | | |
| 1. | Optimal Wheeling Transaction Based on Maximum Allowable Load of the Buyer Bus using HPSO with Cauchy Mutation | International Review of Electrical Engineering, ISSN 1827-6660 | 2011-2012 |
| 2. | Power Transformer differential protection with neural network based on symmetrical component | International Journal of Communications and Engineering, ISSN NO 0988-0382E | 2011-2012 |

| Academic Year(2010-2011) | | | |
|---------------------------------|---|---|----------------|
| | SWARM Intelligence Based Algorithm for wheeling Transaction in Deregulated Power Industry | International journal of Innovative Computing, Information and Control ISSN | March2011-2012 |
| | Determination of Maximum Allowable Load of the Buyer Bus using New Hybrid Particle SWARM Optimization | International Journal of Electrical and Engineering ISSN 0974 -2158 | March2011-2012 |
| Academic Year(2008-2009) | | | |
| 1. | Dynamic Rescheduling Model Algorithm for Wheeling Transaction Options | International Journal of Electrical Power and Energy System Engineering | 2008 |

International Conference:

| S.No | Tile of the Paper | Name of the Conference | Venue | Date |
|---------------------------------|--|---|---------------------------------|--|
| Academic Year(2015-2016) | | | | |
| 1. | Optimal placement of IPP based on LMP in Competitive power market | 2016 International conference on circuit, Power and Computing Technologies | Noorul Islam University | 18-19 th March 2016 |
| Academic Year(2014-2015) | | | | |
| 1. | Assessment of wheeling transaction in deregulated environment using PSO | International Conference on Emerging Electrical Systems and Control-ICEESC 2014 | Sethu Institute of Technology | 4 th and 5 th Dec 2014 |
| 2. | Assessment of Congestion Management incorporating Renewable Energy Sources | IEEE sponsored second International Conference on Innovations in Information Embedded and Communication Systems (ICIIECS '15) | Karpagam College of Engineering | 19 th & 20 th March 2015 |
| Academic Year(2013-2014) | | | | |
| 1. | Demand Side Management Based Congestion Relief Model | 1 st International Conference on Advances in Electrical Engineering | VIT University | 9-11 Jan 2014 |
| 2. | Optimal Wheeling Transaction in Hybrid Power Market using PSO | 2014 IEEE International Conference on Innovations in Engineering and Technology | K.L.N College of Engineering | 21 st & 22 nd Mar 2014 |

| Academic Year(2011-2012) | | | | |
|---------------------------------|---|---|---|--|
| 1. | Optimal Location and Selection of Generation using Generation Expansion planning for Bilateral Transaction | International Conference on “Renewable Energy Utilization” | Coimbatore Institute of Technology, Coimbatore. | 03 rd – 6 th January 2012(2011-2012) |
| 2. | Optimal Selection of Wheeling Transaction by maximizing social welfare | First International Conference on Recent Trends in Computational Methods, Communication and Controls ICON3C“12” | Government College of Engineering, Tirunelveli – 7 | 4 th April 2012(2011-2012) |
| 3. | Power Transformer Differential Protection with Neural Network based on symmetrical component | International Conference on Advanced Computing Technology „ICACT 2012“ | J.K.K.Nattraja College of Engineering & Technology, Erode | 9 th & 10 th March 2012(2011-2012) |
| Academic Year(2010-2011) | | | | |
| 1. | Hybrid Particle Swarm Optimization (HPSO)based algorithm for wheeling transaction in deregulated power industry | International Conference on Power Control and Embedded systems | Anna University, Guindy, Chennai | (2010-2011) |

National Conference:

| S.No | Title of the Paper | Name of the Conference | Venue | Date |
|---------------------------------|---|---|--|--|
| Academic Year(2015-2016) | | | | |
| 1. | Locational Marginal Pricing(LMP) Estimation for Reliable Wheeling Transaction | National conference on Power and Renewable Energy Systems-2016 | Velammal College of Engineering and Technology | 29-30 Jan 2016 |
| Academic Year(2011-2012) | | | | |
| 1. | Optimal Location of IPP for Bilateral Transaction using Generation Expansion Planning with HPSO | Third National Conference on “Emerging Trends in Power Systems” | K.L.N. College of Engineering, Pottapalayam | 11 th April 2012 (2011-2012) |

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|---------------------------------|---|--|--|---|
| 2. | Swarm Optimization in selection of Wheeling Transaction | Third National Conference on “Emerging Trends in Power Systems” | K.L.N. College of Engineering, Pottapalayam | 11 th April 2012 (2011-2012) |
| 3. | Optimal Location and Selection of Generation for Bilateral Transaction using Generation Expansion Planning with PSO | Third National Conference on “Emerging Trends in Power Systems” | K.L.N. College of Engineering, Pottapalayam | 11 th April 2012 (2011-2012) |
| Academic Year(2010-2011) | | | | |
| 1. | Determination of wheeling path in a centralized deregulated power market | National Conference on Electrical Machines and Power Systems [EMPS 2011] | Pondicherry Engineering College, Pondicherry. | 11 th Feb. 2011 (2010-2011) |
| 2. | Maximization of IPP using PSO in Deregulated Environment | National Power Engineering Conference | Thiagarajar College of Engineering | 2 nd -3 rd December 2010(2010-2011) |

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|----|---|--|-----------------------------------|---|
| | | Academic Year(2009-2010) | | |
| 1. | Particle Swarm Optimization based algorithm for Optimal Power Flow | National Conference on Intelligence in Formation Retrieval (NCIR-2010) | PSGTech, Coimbatore | (2009-2010) |
| | | Academic Year(2008-2009) | | |
| 1. | Evaluation of Transmission Congestion relief index (TCRI) in Congestion management with real power flow | (MEPPCON‘08) | Mepco Schlenk Engineering College | 2008-2009) |
| 2. | Particle Swarm Optimization based algorithm for selection of wheeling | | Pondicherry Engineering College | 8 th January 2009 (2008-2009) |

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| | ransactions | | | |
| | | Academic Year(2007-2008) | | |
| 1. | Evaluation of Transmission Pricing in congestion Management | National Conference on ETPS'07 | K.L.N.College of Engineering | (2007-2008) |
| 2. | A Bibliographical Survey on Power Quality in Deregulated Environment | National Conference on ETPS'07 | K.L.N.College of Engineering | (2007-2008) |
| | | Academic Year(2006-2007) | | |
| 1. | Transmission Congestion Relief by modified generator rescheduling management | 14 th National Power Systems Conference | Roorkee | 27 th -29 th December ,06 (2006-2007) |

Academic Year(2004-2005)

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|----|---|-----------|--|-------------|
| 1. | Application of Genetic algorithm to Line flow congestion elimination in deregulated environment | NPEC-2005 | | (2004-2005) |
|----|---|-----------|--|-------------|