

K.L.N.COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
LIST OF PUBLICATIONS

Mr. S. Manoharan, Assistant Professor (Sr. Gr)

| S.No. | Academic Year | No.of JournalPublished | No. of International Conference | No. of National Conference |
|--------------|----------------------|-------------------------------|--|-----------------------------------|
| 1. | 2017 - 2018 | 1 | 2 | --- |
| 2. | 2016 - 2017 | 1 | 3 | --- |
| 3. | 2015 - 2016 | - | - | 2 |
| 4. | 2014 - 2015 | - | 1 | - |
| 5. | 2013 – 2014 | - | 1 | - |
| 6. | 2012 – 2013 | - | - | 2 |
| 7. | 2011 - 2012 | 2 | 1 | 2 |
| 8. | 2010 – 2011 | - | - | 1 |

Academic Year - 2017-18 -Journal

| S.No | Title of the paper | Name of the Journal & DOI | Month &Year of Publication | Impact Factor |
|------|---|--|---|---------------|
| 1. | Design of Multilevel Inverter for High Voltage Loads with Coupled Inductors | SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE), ISSN: 2348 – 8379 | Special Issue ICRTECITA, pp: 138-142, April 2018. | 2.01 |

Academic Year - 2017-18 -Conference

| S.No | Title of the Paper | Name of the Conference | Venue | Date | National /International |
|------|---|--|--|--|-------------------------|
| 1 | Design of Multilevel Inverter For High Voltage Loads With Coupled Inductors | 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 |
| 2 | Design of Multilevel Inverters by Symmetrical Topology For High Voltage Loads | International Conference on Innovations in Engineering and Industrial Applications2018 – 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. | Design and Implementation of Online Power Monitoring System for Smart Grid using LabView, | International Journal of Research in Engineering and Applied Sciences (IJREAS), ISSN (O):2249-3905, ISSN (P):2349-6525 | Vol: 7 Iss : 6, pp.177-180, June 2017. | --- |

Academic Year - 2016-17 -Conference

| S.No | Title of the Paper | Name of the Conference | Venue | Date | National /International |
|-------------|---|---|---|---|--------------------------------|
| 1 | Intelligent Demand Side Management in Smart Grid Based on Embedded System | International Conference on Power and Energy Systems- ICPEs'17 | Velammal College of engineering and Technology, Madurai | 21 st & 22 nd April 2017 | International |
| 2 | Embedded System based Intelligent Demand Side Management in Smart Grid | IEEE International Conference on Innovations in power and advanced computing technologies | VIT University | 21 st & 22 nd April 2017 | International |
| 3 | Design and Fabrication of Smart Protection System Using Lab view | International Conference on Contemporary Topics in Power Engineering and Aiding Technologies (ICCPEAT'2017) | Pondicherry Engineering College, Pondicherry | 24 th - 25 th February 2017 | International |

International Journal:

| S.NO | Title of the paper | Name of the Journal & DOI | Month &Year of Publication |
|----------------------------------|---|--|---------------------------------------|
| Academic Year (2011-2012) | | | |
| 1. | Security Constrained Optimal Power Flow using Particle Swarm Optimization | The IUP Journal of Electrical and Electronics Engineering | 2011-2012 |
| 2. | Modeling and Simulation of Micro turbine for Smart grid System | International Journal of Communications and Engineering, ISS No.0988-0382E | 2011-2012 |

International Conference:

| S.No | Title of the Paper | Name of the Conference | Venue | Date |
|----------------------------------|--|---|---|---|
| Academic Year (2014-2015) | | | | |
| 1. | Reduction of Fault Current in Smart Grid using Superconducting Fault Current Limiter | International Conference on Recent Advances and Innovations in Engineering and Technology (ICRAIET '15) | Ranganathan Engineering College | 20 th & 21 st March 2015 |
| Academic Year (2013-2014) | | | | |
| 1. | Modeling of Micro Turbine Generation (MTG) System Based on Fractional Order Controller | International Conference on Power and Energy Systems(ICPES'13) | Velammal College of Engineering and Technology | 19 – 21 Dec 2013 |
| Academic Year (2011-2012) | | | | |
| 1. | “Modeling and Simulation of Micro turbine for Smart grid System” | 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) |

National Conference:

| S.No | Title of the Paper | Name of the Conference | Venue | Date |
|----------------------------------|--|---|---|-----------------------------|
| Academic Year (2015-2016) | | | | |
| 1. | Enhancement of Transient Stability in Smart Grid by the combination of SFCL and SMES | National Conference on Emerging Electrical Systems and Control (NCEESC '16) | Sethu Institute of Technology, Kariapatti | 15 th April 2016 |

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|----------------------------------|---|---|--|--|
| 2. | Co-ordinated control of optimized SFCL and SMES for Improvement of smart grid transient stability | National conference on Power and Renewable Energy Systems-2016 | Velammal College of Engineering and Technology | 29-30 Jan 2016 |
| Academic Year (2012-2013) | | | | |
| 1. | Fuzzy Logic Based Congestion Management | National conference on “Control of Electrical Power Apparatus” | Government College of Engineering, Tirunalveli | 5 th April 2013 |
| 2. | Control of Flexible Microgrid by Distribution Energy Storage System | National Conference on Electrical systems and Renewable Energy | Bharathidasan Institute of Technology, Trichy | 3 rd May 2013 |
| Academic Year (2011-2012) | | | | |
| 1. | “Economic Load Dispatch using Particle Swarm Optimization” | National Conference “Cutting Edge Technologies in Power Conversion and Industrial Drives [PCID 2012]” | Bannari Amman Institute of Technology | 8th – 10th February 2012(2011-2012) |
| 2. | Simulation of Micro turbine for Smart Grid System | 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. | “Security Constrained Optimal Power flow using Particle Swarm Optimization” | National Conference on Electrical Machines and Power Systems | Pondicherry Engineering College, Pondicherry | 11 th Feb. 2011(2010-2011) |