

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

Mrs.M.Ganesh Kumari, Assistant Professor (Sr. Gr)

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

Academic Year - 2017-18 -Journal

| S.No | Title of the paper | Name of the Journal & DOI | Month &Year of Publication | Impact Factor |
|------|---|--|---|---------------|
| 1. | Analysis and Comparison of PSO and DE based Optimized DVR for Mitigation of Short Duration Voltage Disturbance, | Journal of Electrical Engineering, ISSN:1582-4594 AU-Annexure-I | Vol.18, Edition:2, pp.1-7, 2018. | 0.11(SJR) |
| 2 | GSM Module based Smart Meter and Smart Home, | Journal of Applied Science and Computations, ISSN : 0076-5131 UGC Approved Journal | Vol:5, Issue:6 pp:253- 257,June 2018. | 5.8 |
| 3 | Compensation of Common Mode Voltage in Induction Motor Drives with SEPIC Converter, | SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE), ISSN: 2348 – 8379 | Special Issue ICRTECITA, April 2018. | 2.01 |

Academic Year - 2017-18 -Conference

| S.No | Title of the Paper | Name of the Conference | Venue | Date | National /International |
|------|--|--|--|---|-------------------------|
| 1 | Compensation of Common Mode Voltage in Induction Motor Drives with SEPIC Converter | 2 nd International Conference on Recent Trends in Engineering, Computers Iormation Technology and Applications – ICRTECITA-18 | PSNA College of Engineering and Technology | 23 rd MARCH 2018 | International |
| 2 | Smart home and smart meter with GSM module | 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. | Power Quality Enhancement in Distribution System using Fuel Cell based DVR, | International Journal for Science and Advanced Research in Technology, ISSN: 2395-1052, | Vol:3 Iss:6, pp. 724 - 728, JUNE 2017. | 5.388 |
| 2 | DWT and Artificial Neural Network for Detection and Classification of Short Duration Voltage Disturbances in | International Journal of Research in Engineering and Applied Sciences (IJREAS), | Vol: 7, Issue: 6, pp. 83-89, | --- |

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|----------------------|---|------------|--|
| Distribution System, | ISSN (O):2249-3905, ISSN (P):2349-6525 | June 2017. | |
|----------------------|---|------------|--|

| Academic Year - 2016-17 -Conference | | | | | |
|--|---|--|---|---|--------------------------------|
| S.No | Title of the Paper | Name of the Conference | Venue | Date | National /International |
| 1 | Power Quality Improvement Using Energy Storage Device | International Conference on Innovations in Engineering , Science & Technology | Christian College of Engineering and Technology, Oddanchatram | 15 th -17 th March 2017 | International |
| 2 | Mitigation of Power Quality Events Using Deadbeat Predictive Controller Based Distribution Static Compensator | IEEE International Conference on Innovations in Green Energy and Healthcare Technologies | Dr.N.G.P Institute of Technology, Coimbatore | 16 th -18 th March 2017 | International |

International Journal:

| S.No | Title of the paper | Name of the Journal & DOI | Month &Year of Publication |
|----------------------------------|---|---|---------------------------------------|
| Academic Year (2014-2015) | | | |
| 1. | FFBPNN Approach for deduction and classification of short duration power quality event | International Journal of Applied Engineering and Research ISSN 0973-4562 | Dec 2014 |
| Academic Year (2013-2014) | | | |
| 1. | Voltage Sag, Swell And Interruptions Compensation Based On Feed Forward Back propagation Network Using Dynamic Voltage Resistor | International Journal of Innovative Research in Science, Engineering and Technology | March 2014 |

International Conference:

| S.No | Title of the Paper | Name of the Conference | Venue | Date |
|----------------------------------|--|--|--|--|
| Academic Year (2014-2015) | | | | |
| 1. | FFBPNN Approach for deduction and classification of short duration power quality event | International Conference on Emerging Electrical Systems and Control-ICEESC 2014 | Sethu Institute of Technology | 4 th and 5 th Dec 2014 |
| Academic Year (2013-2014) | | | | |
| 1. | Three Phase DVR implementation for Voltage Sag Compensation based on Neural Network and PI Controller | International Conference on Power and Energy Systems(ICPES'13) | Velammal College of Engineering and Technology | 19 – 21Dec 2013 |
| 2. | Voltage Sag, Swell and Interruptions Compensation Based on Feed Forward Backpropagation Network using Dynamic Voltage Restorer | 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. | Detection of Micro calcification in Digitized Mammogram Cancer | International Conference on Operational Research for Urban and Rural Development | Thiyagarajar College of Engineering | 15-17 December 2010(2010-2011) |

National Conference:

| S.No | Title of the Paper | Name of the Conference | Venue | Date |
|----------------------------------|---|---|---|---------------------------|
| Academic Year (2014-2015) | | | | |
| 1. | Compensation of PQ Disturbances using custom Power Devices based on fuzzy logic control technique | 1 st National conferenceRecent Trends in Mechanical Engineering with Green energy and Robotics | NEHRU Institute of Engineering and Technology | 22 nd May 2015 |

| Academic Year (2013-2014) | | | | |
|----------------------------------|--|--|---|--|
| 1. | Power Quality Improvement using Unified Power Quality Conditioner | National Conference on Social Transformation Through Research Advancement in Electrical Engineering(STRAEE'14) | Sethu Institute of Technology | 21 st Mar 2014 |
| Academic Year (2012-2013) | | | | |
| 1. | Detection and Classification of Voltage disturbances in Distribution system using Wavelet Transform and Neural Network | DRDO Sponsored National Conference on Innovations in Engineering & Technology | Anna University Regional Centre Madurai | 27 & 28 th March 2013 |
| 2. | Compensation of Short Duration Voltage Disturbance in Distribution system using Interline | National conference on "Control of Electrical Power Apparatus" | Government College of Engineering, Tirunelveli | 5 th April 2013 |
| 3. | Power Quality Event Detection based on Image Processing Method | National conference on Embedded systems (NCE'13) | Regional Centre of Anna University, Tirunelveli | 12 th April 2013 |
| 4. | Photovoltaic based DVR for Power quality Improvement | National Level conference on Computational Intelligence in Electrical, Electronics and Control System | Sri Vidya College of Engineering and Technology | 13 th April 2013 |
| Academic Year (2010-2011) | | | | |
| 1. | Removal of Decaying dc offset in current signals for Power System Protection | National Conference on Emerging Technologies [MKCE Confluence] | M. Kumarasamy College of Engineering | 11 th Feb. 2011 (2010-2011) |
| Academic Year (2009-2010) | | | | |

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|----|---|---|--------------------------------------|---|
| 1. | “Multiline Real and Reactive Power flow balance and Voltage Sag Compensation using custom power device” | National Conference on Power Quality & Power Conversion system (PQPCS'10) | Anand Institute of Higher Technology | 27 th April 2010 (2009-2010) |
| 2. | Voltage Sag Compensation using custom power devices | National Conference NCEET '10 | M.A.M.College of Engineering | 27 th March 2010(2009- 2010) |