

Department of Electrical Engineering, University College of Engineering, Osmania University.

Details of Publication and Citations for the Academic Years 2015-16, 2014-15,2013-14

| | Author | Publication type | Title | Year of Publication | Total Citations | National/ International |
|---------------|--|---|---|---|-----------------|----------------------------|
| [1] | [2] | [3] | [4] | [5] | [6] | [7] |
| Input type => | Name of Author(s) in the format Lastname First name, Middle name | Journal Article / Book / Book Chapter | Full title of the article / Chapter in Book / Book | YYYY | YYYY | Nat. /Inter |
| 1 | Dr. G. Yesuratnam | International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) | “Improving Voltage Stability by Optimal Reactive Power Dispatch Based on Genetic Algorithm and Linear Programming Technique | 3rd-5th March, 2016 | | |
| 2 | Dr. G. Yesuratnam | SASI Institute of Technology & Engineering, Tadepalligudem WG. | “Role of Measurements set in WLS State Estimation”, 3rd International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences | 1st -2nd June 2016 | | |
| 3 | Dr. M. Manjula | SASI Institute of Technology & Engineering, Tadepalligudem WG. | “Mitigation of Harmonics in an AC Microgrid with Passive and Active Filters”, 3rd International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences | 1st -2nd June 2016 | | |
| 4 | Dr. P. Srinivas | DMI College of Engineering, Chennai | “Comparative Analysis of Hysteresis Current Control and Direct Instantaneous Torque Control of Switched Reluctance Motor”, International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) - 2016 | 3rd - 5th March 2016 | | |
| 5 | Dr. P. Satish Kumar | G. Pulla Reddy Engineering College, Kurnool, A.P | “FPGA Implementation of Space Vector Pulse Width Modulated Neutral Point Clamped Three-Level Inverter Fed Induction Motor Drive”, International Conference Power, control communication and computational Technologies for sustainable growth | 11 th -12 th Dec 2015 | | |

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|---|--|--|--|---|--|--|
| 6 | Mr. R. Linga swamy | DMI College of Engineering, Chennai | “Reduction of common mode voltage for Three-Level Inverter using Novel switching sequences”, International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) - 2016 | 3 rd -5 th March 2016 | | |
| 7 | Mrs. E. Sreeshobha | Hyderabad | “Identification of Effective operating point by simulation for PA,POD and APOD Switching Schemes of Various level Cascade H Bridge inverters”, International conference on Industrial Electronics and Electrical Engineering (ICIEEE-2016) | 17th May 2016 | | |
| 8 | Dr. G. Yesuratnam, Mr. P. Lokender Reddy | SOA University, Bhubaneswar | “PSO Based Optimal Reactive power Dispatch for Voltage Profile Improvement”, IEEE Power, Communication and Information Technology Conference (PCITIC-2015) | 15th -17th Oct-2015 | | |
| 9 | Dr. E. Vidya Sagar, Mr. K. Kiran Kumar | G. Pulla Reddy Engineering College, Kurnool | “Reliability improvement of radial distribution systems using Microgrids placed on distributors”, International Conference Power, control communication and computational Technologies for sustainable growth | 11 th Dec-12 th Dec2015 | | |

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Details of peer reviewed Journals: (National / International)

| | Author | Publication type | Title | Year of Publication | Total Citations | National/ International |
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| Input type => | Name of Author(s) in the format Lastname First name, Middle name | Journal Article / Book / Book Chapter | Full title of the article / Chapter in Book / Book | YYYY | YYYY | Nat. /Inter |
| 1 | Prof. P.V.N. Prasad | Journal of Electrical Engineering | Modeling the impact of automation Failure on Distribution System Reliability | 2016 | Vol.16, Edition 2 | |
| 2 | Prof. P.V.N. Prasad | i-manager's journal on Electrical Engineering | Effect of Automation Intensity Levels on Distribution System Reliability | 2016 | Vol. 9, Issue 4, p29-36 | |
| 3 | Prof. G. Yesuratnam | Energy and Power Engineering Journal | Distribution System by Using Solar Thermal Powered Systems and Its Impact on Electrical Distribution Feeders | 2016 | Impact Factor- 0.51 | |
| 4 | Prof. G. Yesuratnam | Journal of Electrical Systems | Multi-Objective optimization using Big-Bang Big-Crunch based Optimization: Application to optimal Economic Environmental Dispatch | 2015 | Vol. 11, Issue 4, p476-492 | |
| 5 | Dr. B. Mangu | IEEE Transactions on Emerging Selected Topics in Power Electronics | Grid-Connected PV-Wind-Battery based Multi-Input Transformer Coupled Bidirectional DC-DC Converter for household Applications | 2016 | Impact Factor- 3.129 | |
| 6 | Dr. P. Srinivas | Bulletin of Electrical Engineering and Informatics | Comparative Analysis of DITC Based Switched Reluctance Motor Using Asymmetric Converter and Four-Level Converter | 2016 | Vol. 5, No. 1, pp. 109~119 | |
| 7 | Dr. P. Srinivas | International Journal of Research in Engineering and Technology | Optimal Turn-On And Turn-Off Angles For Torque Ripple Minimization Of Switched Reluctance Motor | 2015 | Volume: 04, Issue: 11 | |

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| 8 | Dr. P. Satish Kumar | Indonesian Journal of Electrical Engineering and Informatics | A Solar PV Based single Phase Transformer less Inverter for Grid Connected Systems with Common Mode Voltage Analysis | 2015 | Vol 3, No. 4, pp. 198-208 | |
| 9 | Dr. P. Satish Kumar | TELKOMNIKA Indonesian Journal of Electrical Engineering | Phase Disposition PWM Technique for Eleven Level Cascaded Multilevel Inverter with Reduced Number of Carriers | 2015 | “”, Vol. 15, No.1, pp 49-56 | |

Details of participation in conference (as chair/key note speaker, Participant)

| | Author | Publication type | Title | Year of Publication | Total Citations | National/ International |
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| 1 | Dr. B. Mangu | International Conference on Paradigms in Engineering and Technology | Methodisat College of Engineering and Technology, Hyderabad, on | 2nd -3rd March 2016 | Key note address on “Optimal Control of Switched Reluctance Motor” | |
| 2 | Dr. P. Srinivas | National Conference on Innovations and Challenges in Electrical and Bio-Medical Electronics (IDCEME 15) | Gokaraju Rangaraju Institute of Engineering and Technology (A), Hyderabad. | 21 st August 2015 | Session chair | |
| 3 | Dr. P. Satish Kumar | One day national seminar on “Emerging Trends in Power Electronics & Power Systems” | Mahatma Gandhi University. | 13th March, 2015 | Key note address | |

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| 4 | Dr. P. Satish Kumar | International Conference on Paradigms in Engineering & Technology | Methodist College of Engineering & Technology, Hyderabad | 3rd March, 2016. | Session chair | |
|---|---------------------|---|--|------------------|---------------|--|

Note Complete title of the article or chapter in a book or the volume and issue No. (in case of journal article), page nos. (starting page - ending page in case of journals article and chapters in books and total no. of pages in case of books), year of publication, ISSN No. in case of journals and ISBN no. in case of books.

Col 4:

First provide list of articles published in national and international journals followed by chapters in books/published conference proceedings and list of books for past three calendar years.