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### International journals

1. **“Energy Management of Induction Motor Using Time Varying Analysis”**  
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2. **“Simulation of Unified Power Quality Conditioner for Mitigation of Voltage Sag and Swell”**  
International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 9, Number 22 (2014) pp. 12121 -12132, © *Research India Publications*, [www.ripublication.com](http://www.ripublication.com), indexed in SCOPUS list, *Annexure-II*
3. **“Optimal Over Current Relay Coordination of a Real Time Distribution System with Embedded Renewable Generation”** Indian Journal of Science and Technology, Vol 7(S7), 149–155, November 2014, ISSN (Print): 0974-6846, ISSN (Online): 0974-5645, Vol 7 (S7) November 2014, [www.indist.org](http://www.indist.org), P.P 149-155, DOI: [10.17485/ijst/2014/v7iS7/61492](https://doi.org/10.17485/ijst/2014/v7iS7/61492), indexed in SCOPUS list, *Annexure-II*
4. **“Modeling and Simulation of Buck Boost Converter - Inverter fed Solar System”** Australian Journal of Basic and Applied Sciences, 9(5) March 2015, Pages: 84-90, <http://www.ajbasweb.com/old/ajbas/2015/March%202015/84-90.pdf>, indexed in SCOPUS list
5. **“A novel analysis of Optimal Power Flow with TCPS”** IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676, p-ISSN: 2320-3331, Volume 10, Issue 2 Ver. I (Mar – Apr. 2015), PP 68-76 [www.iosrjournals.org](http://www.iosrjournals.org) DOI: [10.9790/1676-10216876](https://doi.org/10.9790/1676-10216876), <http://www.iosrjournals.org/iosr-jeee/Papers/Vol10-issue2/Version-1/I010216876.pdf>
6. **“Power Flow Control of STATCOM and UPFC in Distribution System”** IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676, p-ISSN: 2320-3331, Volume 10, Issue 2 Ver. II (Mar – Apr. 2015), PP 31-39 [www.iosrjournals.org](http://www.iosrjournals.org), DOI: [10.9790/1676-10223139](https://doi.org/10.9790/1676-10223139), <http://www.iosrjournals.org/iosr-jeee/Papers/Vol10-issue2/Version-2/D010223139.pdf>

7. **“A Novel analysis of Z Source AC – AC Converter with power factor improvement”**, International Journal of Applied Engineering Research ISSN 0973-4562 Volume10, Number6(2015) © Research India Publications: <http://www.ripublication.com,P.P 4945 4948>, [http://www.ripublication.com/ijaer\\_spl/ijaerv10n6spl\\_02.pdf](http://www.ripublication.com/ijaer_spl/ijaerv10n6spl_02.pdf), **Impact Factor 0.786,Annexure-II**
8. **“Performance Analysis of PMSM Using Fuzzy Logic Controller”**, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 6 (2015) © ResearchIndia Publications,<http://www.ripublication.com>, [http://www.ripublication.com/ijaer\\_spl/ijaerv10n6spl\\_04.pdf](http://www.ripublication.com/ijaer_spl/ijaerv10n6spl_04.pdf), P.P4954-4957, **Impact Factor 0.786,Annexure-II**
9. **“A Novel Analysis of Load Voltage Compensation Using DSTATCOM”**, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 6(2015)©Research India, Publications,<http://www.ripublication.com>, [http://www.ripublication.com/ijaer\\_spl/ijaerv10n6spl\\_04.pdf](http://www.ripublication.com/ijaer_spl/ijaerv10n6spl_04.pdf), P.P4963-4968, **Impact Factor 0.786, Annexure-II**
10. **“Dynamic Cognitive System For Recovering From Vulnerable Attacks In Social Network”**, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 4 (2015) pp.10365 to 10374© Research India Publications, p.p 10366 10374, [http://www.ripublication.com/ijaer10/ijaerv10n4\\_163.pdf](http://www.ripublication.com/ijaer10/ijaerv10n4_163.pdf), **Impact Factor 0.786,Annexure-II**
11. **“Implementation of Dual-Half-Bridge DC/AC Converter Using PV Generation” International Journal on Recent Researches In Science, Engineering & Technology**, (Division of Electrical and Electronics Engineering) A Journal Established in early 2000 as National journal and upgraded to International journal in 2013 and is in existence for the last 10 years. It is run by Retired Professors from NIT,Trichy.
12. **“A Novel Analysis For Improvement of Power System Stability Using PSS”** , International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 6 (2015) pp. 14337-14349 © Research India Publications <http://www.ripublication.com>,**Impact Factor 0.786,Annexure-II**
13. **“An Optimum Analysis of Power System Using UPQC and TCR”** International Journal of Engineering Trends and Technology (IJETT) – Volume 22 Number 9-April 2015, **DOI:10.14445/22315381/IJETT-V22P284.**
14. **“Hybrid Power Generation System Using Intelligent Controllers”** International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 17 (2015) © Research India Publications: <http://www.ripublication.com>, p.p 12792-12797, **ImpactFactor 0.786,Annexure-II**

15. **“An analysis of Energy Efficient Operation of Induction Motor by Speed Control”** Australian Journal of Basic and Applied Sciences, 9(11) May 2015, Pages: 481-487,[http://www.ajbasweb.com/old/ajbas\\_May\\_2015.html](http://www.ajbasweb.com/old/ajbas_May_2015.html). *Annexure-II, Thomson Reuters Journal., DOAJ.*
16. **“Non Linear Analysis of MPPT for Power Quality Improvement”**, Research Journal of Applied Sciences, Engineering and Technology 10(10):1141-1153, 2015 ISSN:2040-7459; e-ISSN: 2040-7467 © Maxwell Scientific Organization, 2015
17. **“Comparative Analysis of Power Quality Improvement Using STATCOM and SSSC in Distribution System”**, *International Journal of Control Theory and Applications*, I J C T A, 9(5), 2016, pp. 151-155 © International Science Press, Volume : No.9 (2016) Issue No. :5 (2016), Pages : 151-155, ISSN :0974-5572.
18. **“Fuzzy Logic based Unified Power Flow Controller for Improvement of Power System Stability”** Volume: No.9 (2016) Issue No.2 (2016), Pages: 975 to 985, <http://www.serialsjournals.com/serialjournalmanager/pdf/1464004394.pdf>
19. **“A Modified Unified Power Quality Conditioner for Power Quality Improvement in Distribution System”**, *International Journal for Research & Development in Technology*, Volume-6, Issue-1 (Aug-16) ISSN (O) :- 2349-3585, [http://ijrdt.org/full\\_paper/623/15/A-Modified-Unified-Power-Quality-Conditioner-for-Power-Quality-Improvement-in-Distribution-System](http://ijrdt.org/full_paper/623/15/A-Modified-Unified-Power-Quality-Conditioner-for-Power-Quality-Improvement-in-Distribution-System), P.P132-136.
20. **“Investigation on Fourteen Bus System Using Seven Level D-STATCOM”** *International Journal of Advanced in Management, Technology And Engineering Sciences*, ISSN NO: 2249- 7455, Volume 7 Issue 9 – 2017, P.P 194-140 <http://ijamtes.org/VOL-7-ISSUE-9-2017/>, *UGC Approved Journal serial number 47955.*
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22. **“Intelligent based Unified Power Flow Controller for Improvement of Voltage at Distribution Network”**, *International Journal of Control Theory and Applications*, Vol.10.No.11, 2017, Impact Factor 0.2, [http://serialsjournals.com/articles.php?volumesno\\_id=1180&journals\\_id=268&volumes\\_id=1065](http://serialsjournals.com/articles.php?volumesno_id=1180&journals_id=268&volumes_id=1065), P.P197-210.

23. **“Investigation and Analysis of Interleaved Dc- Dc Converter for Solar Photovoltaic Module”**  
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24. **“Performance of Series Compensator with UPQC in Power System”**, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 12 (2018) pp. 10181-10185 © Research India Publications.<http://www.ripublication.com>, p.p 10181-10185,[https://www.ripublication.com/ijaer18/ijaerv13n12\\_07.pdf](https://www.ripublication.com/ijaer18/ijaerv13n12_07.pdf).
25. **“Advancement of A Program For Grading Of Fruits By Using Image Handling Technique”**, International Journal of Engineering and Techniques (IJET), Volume 4 Issue 6, Nov-Dec 2018, ISSN: 2395-1303 , DOI : 10.29126/23951303/IJET-V4I6P7 , UGC Approved Journal in 2018, P.P 52-60,<http://www.ijetjournal.org/volume4/issue6/IJET-V4I6P7.pdf>
26. **“GAS Pipe Leakage Detector Robot”**, International Journal of Engineering and Techniques (IJET), Volume 4 Issue 6, Nov-Dec 2018, ISSN: 2395-1303, DOI: 10.29126/23951303/IJET-V4I6P6, UGC Approved Journal in 2018,P.P 46-51,<http://www.ijetjournal.org/volume4/issue6/IJET-V4I6P6.pdf>
27. **“VoltageSlumpCompensationusing FactsControllersonPowerSystem”**, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278 to 3075, Volume 8 Issue 11, September 2019, Retrieval Number J93050881019/2019©BEIESP DOI:10.35940/ijitee.J9305.0981119,UGCapprovedandScopus indexed journal,<https://www.ijitee.org/wp-content/uploads/papers/v8i11/J93050881019.pdf>.
28. **“Performance Analysis Of Concrete Block Integrated With Pcm For Thermal Management”**, homepage: Materials today proceedings volume22, part 3,2020, pages 370-374,<https://www.sciencedirect.com/science/article/pii/S2214785319320887?dgcid=coauthor>, <https://doi.org/10.1016/j.matpr.2019.06.714>
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30. **“Investigation of Shot Peening Process on Stainless Steel and its Effects for Tribological Applications”** Materials Today: Proceedings journal homepage:[www.elsevier.com/locate/matpr](http://www.elsevier.com/locate/matpr),<http://www.sciencedirect.com/science/journal/22147853>-Article inPress

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35. **"Revolutionary Modelling and Design of Induction Motor with Energy Compensation"**, Journal of Xidian University VOLUME 14, ISSUE 3, 2020 828, ISSN No 1001-2400,  
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36. **"Speed Regulation of Induction Motor By Intelligent Controllers"** Journal of Xidian University, VOLUME 14, ISSUE 5, 2020, ISSN No: 1001-2400,  
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37. **"Amending the governing input signal for the speed control of a steam turbine"** Contents lists available at Science Direct Materials Today: Proceedings journal  
homepage: [www.elsevier.com/locate/matpr](http://www.elsevier.com/locate/matpr),  
<https://doi.org/10.1016/j.matpr.2020.05.105>, <https://reader.elsevier.com/reader/sd/pii/S2214785320336610?token=D208FCABABE78C7BE319F6632827EAA83944BCC80EDFF148BA3CA293D1432512EA5DC7AEB7F9B9A999E8D34159CEAD57> P.P 508-513- Scopus coverage
38. **"Stability improvement on industrial load using current controlled 4 voltage regulators"** Contents lists available at Science Direct Materials Today: 15562 Proceedings journal homepage: [www.elsevier.com/locate/matpr](http://www.elsevier.com/locate/matpr),  
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#### International conferences

1. **“Interconnected Renewable Energy Sources for Power Quality Improvement”** International conference on solar and biomass energy, Department of Mechanical Engineering, GKM College of Engineering and Technology, 7<sup>th</sup> & 8<sup>th</sup> January 2014, ICSBE2014, p.p26-29.
2. **“A Novel Method of Induction Motor Operating Mechanism Using Neural Network”** International Conference on Information Communication & Embedded Systems (ICICES 2014) ISBN No.978-1-4799-3834-6/14/\$31.00©2014 IEEE, organized by S.A. Engineering college, Chennai on February 27<sup>th</sup> and 28<sup>th</sup>2014.
3. **“Power Quality Improvement Using DVR in Power System”** International Conference on Power & Energy Systems: Towards Sustainable Energy – PESTSE 2014, IEEE,15<sup>th</sup> March 2014, Amrita School of Engineering, Bangalore. <http://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&queryText=International+conference+on+Power+.AND.+Energy+systems+%3A+towards+sustainable+energy+2014>
4. **“A Sophisticated method of analysis of voltage stabilizers”** Proceedings of 14<sup>th</sup> IRF International Conference, 28<sup>th</sup> September 2014, Chennai, India, ISBN: 978-93-84209-55-1, p.p 17-22.[http://iraj.in/up\\_proc/pdf/105-141206983317-22.pdf](http://iraj.in/up_proc/pdf/105-141206983317-22.pdf)
5. **“Implementation of Dual-Half-Bridge DC/AC Converter Using PV Generation”** International Conference on Science, Technology, Engineering and Management, Organized by JEPPIAAR Engineering College, Chennai, P.P51-54.
6. **“An Analysis of Load Management system by using Unified Power Quality Conditioner for Distribution Network”**, International Conference on Emerging Trends in Expert Applications & Security Jaipur Engineering College & Research Centre, Jaipur, INDIA, ICETEAS Proceedings of - 2018, Department of Computer Science & Engineering JECRC Campus, Sitapura, Jaipur, p.p 42, Conference paper, First Online: 20 November 2018, Springer link [https://link.springer.com/chapter/10.1007/978-981-13-2285-3\\_32](https://link.springer.com/chapter/10.1007/978-981-13-2285-3_32)
7. **“Experimental Investigation of Palm /Fiber/ZnO/Epoxy Nanocomposite”**, International Conference on Materials Engineering and Characterization held at Adhi College of Engineering and

Technology, Kanchipuram during 08-10 May 2019, Collaboration with IOP publishing conference series and *accepted in Materials today proceedings , Elsevier Scopus indexed journal.*

### **National Conferences**

- [1]“**Speed control of PMSM using dynamic response analysis**” Proceedings of the NCIEEE“14 (ISBN : 978-81-924031-5-1) 6<sup>th</sup> -7<sup>th</sup> February 2014. P.P 12-16, Organized by Dept.of EEE, Sathyabama University,Chennai.
- [2]“**Investigation and Speed Control of PMDC Motor**” National Conference On Recent Trends In Electrical Drives-NACRED 2014, Department Of Electrical And Electronics Engineering, S.A.Engineering College,Chennai-77.
- [3]“**Design and improvement of UPFC for power quality improvement in transmission lines**” Proceedings of the 2<sup>nd</sup> National conference DIET 2014, Dept.Of EEE, University College of Engineering, Panruti, P.P 101-107.