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Paper Publication Details

Sr. No	Faculty name	Paper detail	Link
1	Vipul Rajput	Insight into impact of geomagnetically induced currents on power systems: Overview, challenges and mitigation. Electric Power Systems Research (2020): (In production)	https://www.science-direct.com/science/article/abs/pii/S0378779620307252
2	Vipul Rajput	"A novel protection scheme for solar photovoltaic generator connected networks using hybrid harmony search algorithm-bollinger bands approach", Energies, Vol. 13, pp. 1-24, 2020	https://www.mdpi.com/1996-1073/13/10/2439
3	Vipul Rajput	Optimal coordination of directional overcurrent relays using improved mathematical formulation", IET Generation, Transmission and Distribution, Vol. 12, pp. 2086 – 2094, 2018.	https://ieeexplore.ieee.org/abstract/document/8353007
4	Vipul Rajput	"Coordination of directional overcurrent relays in the interconnected power systems using effective tuning of harmony search algorithm" Sustainable Computing: Informatics and Systems, Elsevier, Vol. 15, pp. 1-15, 2017	https://www.science-direct.com/science/article/abs/pii/S221053791530010X
5	Vipul Rajput	"A hybrid improved harmony search algorithm - nonlinear programming approach for optimal coordination of directional overcurrent relays including characteristic selection", International Journal of Power and Energy Conversion, Vol. 9, No. 3, pp. 228-253, 2018.	https://www.inderscience.com/info/inarticle.php?artid=92688
6	Vipul Rajput	"A novel approach for optimum coordination of directional overcurrent relays including far-end faults in interconnected power systems" International Journal of Engineering and Technology (IJET), Vol.8, pp. 2481-2493, Dec. 2016-Jan. 2017. (SJR Index:0.179)	http://www.enggjournals.com/ijet/docs/IJET16-08-06-411.pdf
7	Vipul Rajput	"An analysis of current and voltagecurrent based characteristics impact on relay coordination for Inverter-faced distributed generation connected network", Distributed Energy Resources in Microgrids: Integration, Challenges and Optimization, Elsevier, August 2019. ISBN: 9780128177747.	https://www.science-direct.com/science/article/pii/B9780128177747000181

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8	Vipul Rajput	A new objective function for optimal coordination of directional overcurrent relays”, Advances in Electric Power and Energy Infrastructure. Lecture Notes in Electrical Engineering, vol 608. Springer, Singapore. doi: 10.1007/978-981-15-0206-4_1	https://link.springer.com/chapter/10.1007/978-981-15-0206-4_1
9	Vipul Rajput	“A review on approaches employed for solving directional overcurrent relays coordination problem”, Advances in Electric Power and Energy Infrastructure. Lecture Notes in Electrical Engineering, vol 608. Springer, Singapore. doi: 10.1007/978-981-15-0206-4_4	https://link.springer.com/chapter/10.1007/978-981-15-0206-4_4
10	Vipul Rajput	Effect of relay characteristics in optimum coordination of overcurrent relays. In 2020 IEEE Students Conference on Engineering & Systems (SCES) (pp. 1-6), MNNIT Allahabad, India, July, 2020.	https://ieeexplore.ieee.org/document/9236771
11	Vipul Rajput	“Optimal coordination of Directional Overcurrent Relays using hybrid CSA-FFA method”, in: 12th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTICON), 2015 IEEE, Hua-Hin, Thailand, June 2015.	https://ieeexplore.ieee.org/document/7207044
12	Vipul Rajput	“On 8-Bus Test System for Solving Challenges in Relay Coordination” 6th IEEE International Conference on Power Systems (ICPS-2016), IIT, Delhi, March 2016.	https://ieeexplore.ieee.org/document/7584009
13	Vipul Rajput	“A tuned cuckoo search algorithm for optimal coordination of directional overcurrent relays”, International Conference on Power and Advance Control Engineering 2015 (ICPACE 2015), Bangalore, August 2015.	https://ieeexplore.ieee.org/document/7274936
14	Vipul Rajput	“Comparative Analysis of Different Optimization Methods for Optimal Coordination of Directional Overcurrent Relays” International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT), IEEE, Chennai, March 2016.	https://ieeexplore.ieee.org/document/7755451
15	Vipul Rajput	“An Analytic Review of Geomagnetically Induced Current Effects in Power System” International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT), IEEE, Chennai, March 2016.	https://ieeexplore.ieee.org/abstract/document/7755445

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16	Vipul Rajput	Analysis of Geomagnetically Induced current in Transformer” International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT), IEEE, Chennai, March 2016.	https://ieeexplore.ieee.org/document/7755446
17	Vipul Rajput	“A comparative study based on objective functions for optimum coordination of overcurrent relays”, IEEE 7th Int. Conf. on Power System., College of Engineering Pune., Accepted on 19th September, 2017, Conf. date: 21st to 23rd December 2017.	https://ieeexplore.ieee.org/document/8387260
18	Mayurdhvajsinh Gohil	Analytical comparison of various MPPT Algorithms in solar PV system "Page No:69-77 DOI:16.10089.JASC.2019.V6I10.453459.1500101930"	http://www.j-asc.com/gallery/11-october-3380.pdf
19	Mayurdhvajsinh Gohil	"Differential Protection Of Y-Y And ?-? Connected Power Transformer", International Journal of Engineering Development and Research (IJEDR), ISSN:2321-9939, Vol.2, Issue RTEECE	http://www.ijedr.org/papers/IJEDRCP1402015.pdf
20	Mayurdhvajsinh Gohil	Dual Slope Differential Relay as an Effective Technique for Differential Protection of Y-Y Connected Power Transformer Vol. 1, Issue: 3, April 2013 (IJRMEET) ISSN: 2320-6586	http://www.raijmr.com/ijrmeet/wp-content/uploads/2017/12/IJRMEET_2013_vol01_issue_03_03.pdf
21	Amarpal Kanojiya	Sliding mode control of induction motor ,5th Internal Conference on Futuristic Trends in Electrical and Electronics Engineering (ICFTEEE 2015)	
22	Amarpal Kanojiya	transformer less invertwr,National Conference on Recent Research in Engineering and Technology (NCRET-26th- 27th Feb,2015	
23	jigar jain	Energy Savings and Improvement Opportunities by Energy Efficient Motors in India,IJARCCCE, Volume 5, Issue 4, April 2016 DOI 10.17148/IJARCCCE.2016.5469	https://www.ijarcce.com/upload/2016/april-16/IJARCCCE%2069.pdf

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24	jigar jain	A Review Paper on Renewable Energy Scenario in India ,ISSN 23210613 Vol 0 issue 4 June 2020 IJSRD	http://ijsrd.com/Article.php?manuscript=IJSRDV8I40690
25	jigar jain	The Art of Intelligent Control of Induction Motor Drive Using Fuzzy Logic Controller, © June 2019 IJIRT Volume 6 Issue 1 ISSN: 2349-6002	http://ijirt.org/master/publishedpaper/IJIRT148517_PAPER.pdf
26	Amarpal Kanojiya	The Effect of Fault Resistance on Distance Relaying Application,International Journal of Advance Engineering and Research Development (IAERD), e-ISSN:2348, PRINT-ISSN:2348-6406	http://ijaerd.com/papers/special_papers/EE03.pdf
27	Amarpal Kanojiya	"An Authentic control of Voltage Profile Using PMU through GPS System, National Conference on Recent Research in Engineering and Technology (NCRRET -2015) International Journal of Advance Engineering and Research Development (IAERD)	http://ijaerd.com/papers/special_papers/EE14.pdf
28	Amarpal Kanojiya	Grid Connected Solar PV System: Issues & Challenges,International Journal of Futuristic Trends in Engineering and Technology ISSN: 2348-5264 (Print), ISSN: 2348-4071 (Online) Vol. 4 (12), 2017	https://56c10ce5-e24e-4001-842c-de0555afad83.files.usr.com/ugd/69ce23_d670b3c6a61a40af904758c0d9497
29	Amarpal Kanojiya	"Design and Implementation of Solar Based Heric Inverter Performance for Standalone System", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.3, Issue 5, page no.97-100, May-2016,	http://www.jetir.org/papers/JETIR1605019.pdf
30	Amarpal Kanojiya	"An Overview of Different Types of 1-Phase Transformerless Inverter Topology", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.3, Issue 5, page no.72-75, May-2016,	http://www.jetir.org/papers/JETIR1605015.pdf
31	Mayurdhvajsinh Gohil	"Differential Protection Of Y-Y And ?-? Connected Power Transformer", International Journal of Engineering Development and Research (IJEDR), ISSN:2321-9939, Vol.2, Issue RTEECE	http://www.ijedr.org/papers/IJEDRCP1402015.pdf