

DR. JIVRAJ MEHTA INSTITUTE OF TECHNOLOGY
DEPARTMENT: ELECTRICAL ENGINEERING
RESEARCH PUBLICATION DETAILS OTHER THAN DJMIT CONFERENCE/JOURNAL TILL JUNE 2020

Sr. No.	Faculty Name	Main Author/Co-Author	Title of Paper	Volume/Page no. of Journal in which paper is published	Name and Date of Conference in which paper presented	Date	Type of Publication/Level of Conference National/International
1	Dr. Vipul Rajput	Main Author	A Novel Protection Scheme for Solar Photovoltaic Generator Connected Networks Using Hybrid Harmony Search Algorithm-Bollinger Bands Approach	Vol. 13, pp. 1-24	Energies	2020	International Journal
2	Dr. Vipul Rajput	Main Author	Optimal coordination of directional overcurrent relays using improved mathematical formulation	Vol. 12, pp. 2086 – 2094	IET Generation, Transmission and Distribution	2019	International Journal
3	Dr. Vipul Rajput	Main Author	Coordination of directional overcurrent relays in the interconnected power systems using effective tuning of harmony search algorithm	Vol. 15, pp. 1-15	Sustainable Computing: Informatics and Systems	2017	International Journal
4	Dr. Vipul Rajput	Main Author	A hybrid improved harmony search algorithm – nonlinear programming approach for optimal coordination of directional overcurrent relays including characteristic selection	Vol. 9, No. 3, pp. 228-253	International Journal of Power and Energy Conversion	2018	International Journal
5	Dr. Vipul Rajput	Main Author	A novel approach for optimum coordination of directional overcurrent relays including far-end faults in interconnected power systems	Vol. 8, pp. 2481-2493	International Journal of Engineering and Technology	2016-2017	International Journal
6	Dr. Vipul Rajput	Co-Author	An analysis of the current and voltage current-based characteristics' impact on relay coordination for an inverter-fed distributed generation connected network	ISBN: 9780128177747	Distributed Energy Resources in Microgrids: Integration, Challenges and Optimization, Elsevier	2019	Book chapter
7	Dr. Vipul Rajput	Co-Author	a new objective function for optimal coordination of directional overcurrent relays	vol 608, pp. 1-11. ISBN: 978-981-15-0206-4	Advances in Electric Power and Energy Infrastructure. Lecture Notes in Electrical Engineering, Springer	2020	Book chapter
8	Dr. Vipul Rajput	Co-Author	A review on approaches employed for solving directional overcurrent relays coordination problem	vol 608, pp. 35-51. ISBN: 978-981-15-0206-5	Advances in Electric Power and Energy Infrastructure. Lecture Notes in Electrical Engineering, Springer	2020	Book chapter
9	Dr. Vipul Rajput	Main Author	Optimal coordination of Directional Overcurrent Relays using hybrid CSA-FFA method	IEEE, Hua Hin Thailand, pp. 1-6	12th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTICON)	June 2015	International Conference
10	Dr. Vipul Rajput	Main Author	On 8-Bus Test System for Solving Challenges in Relay Coordination	IEEE, IIT Delhi, pp. 1-5	IEEE International Conference on Power Systems	March 2017	International Conference
11	Dr. Vipul Rajput	Co-Author	A tuned cuckoo search algorithm for optimal coordination of directional overcurrent relays	IEEE, Bangalore, India	Conference on Power and Advance Control Engineering 2015	August 2015	International Conference
12	Dr. Vipul Rajput	Co-Author	Comparative Analysis of Different Optimization Methods for Optimal Coordination of Directional Overcurrent Relays	IEEE, Chennai	International Conference on Electrical, Electronics, and Optimization Techniques (ICEOT)	Mar-16	International Conference
13	Dr. Vipul Rajput	Co-Author	An Analytic Review of Geomagnetically Induced Current Effects in Power System	IEEE, Chennai	International Conference on Electrical, Electronics, and Optimization Techniques (ICEOT)	Mar-16	International Conference
14	Dr. Vipul Rajput	Co-Author	Analysis of Geomagnetically Induced current in Transformer	IEEE, Chennai	International Conference on Electrical, Electronics, and Optimization Techniques (ICEOT)	Mar-16	International Conference
15	Dr. Vipul Rajput	Co-Author	A comparative study based on objective functions for optimum coordination of overcurrent relays	IEEE, Pune	IEEE 7th Int. Conf. on Power System	17-Dec	International Conference
16	Amit N Patel	Amit N Patel	New Fault Resistance Compensation Scheme for Distance Relaying Application	Vol. 1, Issue 10, 2013	IJSRD - International Journal for Scientific Research & Development	2013	International
17	Amit N Patel	Amit N Patel	An analysis of self tuning Fuzzy PID-IMC for coupled water two tank system	Vol 1, 2014	INTERNATIONAL JOURNAL OF ENGINEERING DEVELOPMENT AND RESEARCH IJEDR	Jan-14	International
18	Amit N Patel	Amit N Patel	An analysis of self tuning Fuzzy PID-IMC for coupled water two tank system	17th & 18th January 2014	National Conference (RIEETCE-2014)	17th & 18th January 2014	National
19	Amit N Patel	Amit N Patel	Solar Roadways: A Review and Challenges	Vol II, Issue X, Sept 2015	International Journal of Futuristic Trends in Engineering and Technology, e-ISSN: 2348-4071.	Sep-15	International
20	Amit N Patel	Amit N Patel	Modeling and Simulation of Fuse recloser in distribution Network with High Performance of Distributed Generation.	Vol II, Issue X, Sept 2015	International Journal of Futuristic Trends in Engineering and Technology, e-ISSN: 2348-4071.	Sep-15	International
21	Amit N Patel	Amit N Patel	Fault Resistance Calculation Based on Monitoring Active Power at the Relay Point	Vol II, Issue X, Sept 2015	International Journal of Futuristic Trends in Engineering and Technology, e-ISSN: 2348-4071.	Sep-15	International
22	Amit N Patel	Amit N Patel	A Wind Power Generation Technique	Vol II, Issue X, Oct 2015	International Journal of Futuristic Trends in Engineering and Research, e-ISSN: 2348-4980.	15-Oct	International
23	Amit N Patel	Amit N Patel	Review paper on generation through speed breaker	Vol. 5, Issue 10, 2017	IJSRD - International Journal for Scientific Research & Development ISSN (online): 2321-0613. (Impact	Sep-17	International
24	Jigar Jain	Co-Author	Design and Implementation of 6 pulse and 12 pulse converter using MATLAB/SIMULINK	Volume 05 Issue 10	IJSRD	17-Dec	International Journal
25	Jigar Jain	Co-Author	The Art of Intelligent control of IM drive using Fuzzy logic controller	Volume 06 Issue 01	IJIRT	19-Jun	International Journal
26	Jigar Jain	Author	Energy savings opportunities by Energy Efficient Electrical Motors and Power Quality Impact	e-ISSN: 2348-4470 Volume 2, February-2015	National Conference on Recent Research in Engineering and Technology (NCRET-2015)	Feb-15	International Journal

27	Jigar Jain	Co-Author	A Review Paper on Renewable Energy Scenario in India	ISSN 23210613 Vol 0 issue 4 June 2020	IJSRD	Jun-20	International Journal
28	Jigar Jain	Co-Author	Energy Savings and Improvement Opportunities by Energy Efficient Motors in India	ISSN 22781021 April 2016 Vol 5 issue 04	IJARCEE	Apr-16	International Journal
29	Mayur Maheshwari	Author	OPERATION AND SIMULATION OF THREE PHASE INVERTER WITH 120°, 150° AND 180° CONDUCTION MODE	Volume 2, Issue 7, November-2017 ISSN: 2456-124X	International Journal Of Applied Research In Science And Engineering	17-Nov	International Journal
30	Mayur Maheshwari	Author	HARMONICS REDUCTION USING 3-PHASE 12-STEP INVERTER	e-ISSN: 2348-4470 Volume 2, February-2015	National Conference on Recent Research in Engineering and Technology (NCRET-2015)	Feb-15	International Journal
31	Kalpesh Soni	Author	CONTROL STATEGY OF MICROGRID DURING GRID-CONNECTED MODE	Volume 2, Issue 2, Feb'15	International Journal of Advanced Engineering and Research Development (IJARD)	Feb'15	International Journal
32	Kalpesh Soni	Author	"MICROGRID DURING GRID-CONNECTED MODE AND ISLANDED MODE - A REVIEW"	e-ISSN: 2348-4470 Volume 2, February-2015	National Conference on Recent Research in Engineering and Technology (NCRET-26th- 27th Feb,2015)	26th- 27th Feb,2015	International Journal
33	Amarpal Kanojiya	Author	Analytical comparison of various MPPT algorithms in solar PV system	10/5/2019	JOURNAL OF APPLIED SCIENCE AND COMPUTATIONS	May-19	National Journal
34	Amarpal Kanojiya	Author	Sliding mode control of induction motor	Vol III, Issue X,Sept 2016	5th Internal Conference on Futuristic Trends in Electrical and Electronics Engineering (ICFTEE 2015)	24th-27th June, 2015	International Conference
35	Amarpal Kanojiya	Author	transformer less inverter	Vol III, Issue X,Sept 2015	National Conference on Recent Research in Engineering and Technology (NCRET-26th- 27th Feb,2015)	24th-27th June, 2015	National Conference
36	Mayurdhvajsinh Gohil	Author	Differential protection of Y-Y and D-D conneced power transformerpaper	Vol II, Issue X,Oct 2015	International Journal of Engineering Development and Research	1/18/2014	International Journal
37	Mayurdhvajsinh Gohil	Author	A Novel approach for tuning of power system stabilizer (SMIB) using genetic local search technique	Vol. 5, Issue 10, 2017	international journal for scientific research and development	1/15/2014	International Journal
38	Mayurdhvajsinh Gohil	Author	novel approach for image edge detection	Vol II, Issue XI,Sept 2016	International journal of innovative research in science, engineering and technology	12/15/2013	International Journal
39	Mayurdhvajsinh Gohil	Author	Analytical comparison of various MPPT algorithms in solar PV system	Vol II, Issue IX,Sept 2018	JOURNAL OF APPLIED SCIENCE AND COMPUTATIONS	10/15/2019	National Journal