

Technocrats Institute of Technology and Science, Bhopal
Department of Electrical & Electronics Engineering
Faculty Publication Details

SNo.	Author (s)	Complete Title of the Article	Title of the Journal	ISSN
1.	Saurabh Gupta	Long Term Power Prediction Of Photovoltaic Panels Based On Meteorological Parameters And Support Vector Machine	Indonesian Journal Of Electrical And Computer Science Engineering	2502-4752
2.	Saurabh Gupta	Soil Ph Periodic Assortment With Smart Irrigation Using Aerial Triboelectric Nanogenerator	Indonesian Journal Of Electrical And Computer Science engineering	2502-4752
3.	Saurabh Gupta	Soft Switched DC-DC Converter For Hybrid Power Generation Photo Voltaic Panels Using Fuzzy Logic Controller	Journal Of Material Today Proceedings	2214-7853
4.	Saurabh Gupta	Electrostatic Potential Distribution Analysis Of Silicon Nanowire Field Effect Transistor With Various Channel Length	Journal Of Nanomaterials	1687-4129
5.	Saurabh Gupta	Three Phase Distribution STATCOM Integrated With Solar	IEEE International Students' Conference On Electrical, Electronics And Computer Science (SCEECS)	
6.	Saurabh Gupta	DSMPI Controller Based On A Dual-Function PV-ECS Integrated To 3P4W Distribution Grid For Active Power Quality Improvement	International Journal Of Engineering Applied Science And Management	2582-6948
7.	Saurabh Gupta	Optimizing Frequency Regulation In Interconnected Thermal And Renewable Power Systems	Journal Of Computing Technologies	:2278 – 3814
8.	Saurabh Gupta	Voltage Sag-Swell And Harmonics Analysis Of UPQC Control Based DFIG- Wind Integration	International Journal Of Engineering Trends And Technology	2231-5381

SNo.	Author (s)	Complete Title of the Article	Title of the Journal	ISSN
9.	Saurabh Gupta	Opal-RT Based Analysis And Implementation Of DFIG With Standalone Wind Energy Conversion System	International Journal Of Engineering & Technology(IJET-UAE)	2227-524X
10.	Saurabh Gupta	Vector Control Technique Using GSC And RSC Converter For DFIG Based Wind Energy Conversion System	Current Trends In Technology And Science	2279-0535
11.	Saurabh Gupta	Optimizing Frequency Regulation In Interconnected Thermal And Renewable Power Systems	Journal Of Computing Technologies (JCT)	2278 – 3814
12.	Shiwani Rai	Technological Advancements In Grid Integration Of Solar Energy: A Review	Suranaree Journal of Science and Technology (Scopus)	25870009, 0858849X
13.	Shiwani Rai	Multi-Level Inverter Topologies Based UPQC Applied to Distribution Systems for Power Quality Improvement	International Journal of Recent Technology and Engineering (IJRTE) (Scopus)	2277-3878
14.	Shiwani Rai	Voltage Regulation for Load Balancing using OLTC Transformer	IEEE International Conference on Renewable Energy and Sustainable E-mobility (). Bhopal, India.	
15.	Shiwani Rai	Line congestion relief using UPFC	IEEE International Conference on Power, Energy and Control (ICPEC)	
16.	Ranjeeta Khare	Multi-Level Inverter Topologies: A Review	IJSRD - International Journal For Scientific Research & Development	2321-0613
17.	Ranjeeta Khare	Implementation Of Shunt Active Power Filter For Harmonic Compensation By Various Logic Controllers	International Journal Of Innovative Trends In Engineering (Ijite)	2395-2946
18.	Ranjeeta Khare	A State Of Art In Brushless DC Motor Conventional Controllers	International Journal Of Computer And Advanced Engineering Research (Ijcaer)	2395-4523
19.	Ranjeeta Khare	Review On Sustainability Of Hybrid Solar Wind Energy System And Unit Optimization	IJOSCIENCE (International Journal Of JOURNAL ONLINE OF SCIENCE)	2455-0108
20.	Ranjeeta Khare	Mathematical Modeling Of Sensorless Control Of BLDC Motor Drive	International Journal Of Research In Technology (Ijrt)	2394-9007
21.	Ranjeeta Khare	Cost Reduction Of Hybrid System Using Current Loop	IJOSCIENCE (International Journal Of JOURNAL ONLINE OF SCIENCE)	2455-0108

SNo.	Author (s)	Complete Title of the Article	Title of the Journal	ISSN
		Control For Inverter And Wind Variation		
22.	Ranjeeta Khare	Modelling Of Grid Connected Solar Wind Hybrid Energy System Having Artificial Intelligence Techniques For Power Enhancement And System Stability	Smart Moves Journal Ijosthe	2349-0772
23.	Ranjeeta Khare	Performance Analysis Of Cascaded Multi-Level Inverter Fed Induction Motor	International Journal Of Innovative Trends In Engineering (Ijite)	2395-2946
24.	Ranjeeta Khare	Stability Enhancement By Comparative Analysis Of AI Techniques In Power System Stablizer Integrated With Hybrid System	Smart Moves Journal Ijoscience	2455-0108
25.	Chitra Thakur	Modelling And Simulation Of Buck-Boost Converter For Residential PV Application	International Journal Of Engineering Applied Science And Management	2582-6948
26.	Deepak Pandey	Improved Power Quality Using Three Phase Pulse Width Modulated Rectifier And MPPT	Journal Of Emerging Technologies And Innovative Research	2349-5162
27.	Deepak Pandey	PVA Fed Sensor Less Fuzzy Logic Speed Control Of Induction Motor For Water Pumping Application	International Journal Of Innovative Research In Technology And Management	2581-3404
28.	Deepak Pandey	Modelling And Simulation Of Buck-Boost Converter For Residential PV Application	International Journal Of Engineering Applied Science And Management	2582-6948
29.	Deepak Pandey	Performance Analysis Of Direct Power Control With SVPWM For Shunt Active Power Filter Using Fuzzy Logic Controller	International Journal Of Engineering Applied Science And Management	2582-6948
30.	Deepak Pandey	Photo Voltaic Array Integrated Three-Phase Transformer Less Shunt Active Power Filter With Reduced Switch Count For Harmonic Compensation	International Journal Of Engineering Applied Science And Management	2582-6948
31.	Deepak Pandey	Fuzzy Controller Based Single-Phase Series Active Power Filter Without External Power Sources	International Journal For Research In Engineering And Emerging Trends ((IJREET))	2545-4523
32.	Devendra Sharma	Design Hybrid Wind-Solar Energy System Renewable Energy Sources System	International Journal Of Innovative Research In Computer And Communication Engineering	(Online): 2320-9801 (Print): 2320-9798
33.	Devendra Sharma	MATLAB Simulation Model Of Hybrid Wind-Solar Energy System Using MPPT Algorithm Using A Converter Topology	International Journal Of Innovative Research In Science, Engineering And Technology	(Online): 2319-8753 (Print): 2347-6710

SNo.	Author (s)	Complete Title of the Article	Title of the Journal	ISSN
34.	Devendra Sharma	Evaluation Of Single Phase Neutral Point Clamped Multilevel Inverter	Journal Of Computing Technologies (Jct) International Journal	2278 – 3814
35.	Devendra Sharma	Development Of Multilevel Inverter-A Survey	International Journal Of Engineering Associates (IJE)	2320 – 0804
36.	Siddharth shukla	Improvement Of Power Quality Using A Hybrid Series Active Power Filter With Fuzzy Logic Controller	International Journal Of Innovative Research In Technology And Management	2581-3404
37.	Siddharth shukla	A Literature Review Of Broken Rotor Bar Faults Detection In Induction Motors	Journal Of Computing Technologies (JCT)	2278 – 3814
38.	Siddharth shukla	Induction Motor Rotor Fault Detection Using Enhanced Feed Forward Neural Network	Journal Of Emerging Technologies And Innovative Research (JETIR)	2349-5162
39.	Siddharth shukla	Position Control Of DC Servo-System Using PID Controller With Kalman Filter	International Journal Of Engineering Research & Technology (IJERT)	2278-0181
40.	Siddharth Shukla	Survey On Reactive Power Sharing For Smart Power Grid Flexibility	International Journal Of Advanced Research In Electrical, Electronics And Instrumentation Engineering	2278-8875
41.	Siddharth Shukla	Management Of Reactive Power Sharing For PV Based Smart Microgrid System	International Journal Of Research And Technology	2321-7529
42.	Vivek Patel	GARL-Net: Graph Based Adaptive Regularized Learning Deep Network for Breast Cancer Classification	IEEE Access	
43.	Vivek Patel	Enhanced Image Compression Using Fractals and Principle Component Analysis	IEEE 1st International Conference on Innovations in High Speed Communication and Signal Processing (IHCSP)	
44.	Vivek Patel	Deep Transfer Learning With Multi-Level Features Extraction Approach For Breast Cancer Classification	IEEE 1st International Conference on Innovations in High Speed Communication and Signal Processing (IHCSP)	
45.	Vivek Patel	Feature Extraction Based Domain Kickout Method For Fractal Image Compression	IEEE 1st International Conference on Innovations in High Speed Communication and Signal Processing (IHCSP)	
46.	Vivek Patel	Edge Detection and Color Mapping Based Diabetic Retinopathy From Fundus Images	IEEE 1st International Conference on Innovations in High Speed Communication and Signal Processing (IHCSP)	
47.	Vivek Patel	Computed Tomography Image Processing Methods for Lung	Springer Nature Singapore	2071-1050

SNo.	Author (s)	Complete Title of the Article	Title of the Journal	ISSN
		Nodule Detection and Classification: A Review		
48.	Vivek Patel	Neurocognitive Mechanisms of Anti-Lingual & Accent Bias Stereotyping in Virtual Reality and the Sustainable Development of Linguistic Response	E3S Web of Conferences and EDP Sciences	2681-4617
49.	Vivek Patel	Artificial Intelligence in Water Desalination: A Novel Approach for Global Sustainability	E3S Web of Conferences and EDP Sciences	2681-4617
50.	Vivek Patel	Breast Cancer Diagnosis from Histopathology Images Using Deep Learning Methods: A Survey	E3S Web of Conferences and EDP Sciences	2681-4617