



**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA**  
**माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत**

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**Department of Electrical Engineering**

**Publications in SCI/ SCIE/ESCISOPUS/UGC Indexed Journals**

S. No.	Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper/abstract of the article	SCI/SCIE/ESCI /SCOPUS/UGC Indexed Journals
1	Techno-socio-economic-environmental estimation of hybrid renewable energy system using two-phase swarm-evolutionary algorithm	P Singh, M Pandit, L Srivastava	Sustainable Energy Technologies and Assessments	2022	<a href="https://doi.org/10.1016/j.seta.2022.102483">https://doi.org/10.1016/j.seta.2022.102483</a>	SCIE/ Scopus
2	An Efficient Method for Brain Image Preprocessing with Anisotropic Diffusion Filter & Tumor Segmentation An Efficient Method for Brain Image Preprocessing with Anisotropic Diffusion Filter & Tumor Segmentation	Rajni Maurya, Sulochana Wadhvani	Optik	2022	<a href="https://doi.org/10.1016/j.ijleo.2022.169474">https://doi.org/10.1016/j.ijleo.2022.169474</a>	SCIE/ Scopus
3	ECG signal PQRS detection and comprehensive estimation of signal noise	Amhia, H., & Wadhvani, A. K	International Journal of Health Sciences	2022	<a href="https://doi.org/10.53730/ijh.s.v6nS2.7906">https://doi.org/10.53730/ijh.s.v6nS2.7906</a>	SCIE/ Scopus
4	Automatic detection of arrhythmias from an ECG signal using an auto-encoder and SVM classifier.	Ojha MK, Wadhvani S, Wadhvani AK, Shukla A.	Phys Eng Sci Med	2022	doi: 10.1007/s13246-022-01119-1	SCIE/ Scopus

5	Rao algorithm based optimal Multi-term FOPID controller for automatic voltage regulator system	N Paliwal, L Srivastava, M Pandit	Optimal Control Applications and Methods	2022	<a href="https://doi.org/10.1002/oca.2926">https://doi.org/10.1002/oca.2926</a>	SCIE/ Scopus
6	CHP-Based Economic Emission Dispatch of Microgrid Using Harris Hawks Optimization	V Tiwari, HM Dubey, M Pandit, SR Salkuti	Fluids	2022	<a href="https://doi.org/10.3390/fluids7070248">https://doi.org/10.3390/fluids7070248</a>	SCIE/ Scopus
7	A Different Approach for Maximum Power Point Tracking (MPPT) Using Impedance Matching through Non-Isolated DC-DC Converters in Solar Photovoltaic Systems,	Yashwant Sawle	Electronics	2022	<a href="https://doi.org/10.3390/electronics11071053">10.3390/electronics11071053</a>	SCIE/ Scopus
8	Utilization of Online Tools for Teaching-Learning during COVID 19	Vijay Bhuria	International Journal of Research and Innovation in Social Science (IJRISS)	2022	<a href="https://www.rsisinternational.org">Utilization of Online Tools for Teaching-Learning during COVID-19 (rsisinternational.org)</a>	UGC
9	ICT Initiative and Teaching-Learning through MOODLE during Covid-19- A case study of premier Engineering Institute in Madhya Pradesh, India	Vijay Bhuria	International Journal of Innovative Research in Technology, (IJIRT)	2022	<a href="#">IJIRT154262_PAPER.pdf</a>	UGC
10	Stability and Phase Response Analysis of Optimum Reduced-Order IIR Filter Design for ECG R-Peak Detection	Hemant Amhia and A. K. Wadhvani	”, Journal of Healthcare Engineering,	2022	<a href="https://doi.org/10.1155/2022/9899899">https://doi.org/10.1155/2022/9899899</a>	UGC
11	A case study on saturation of core of R phase unit of three phase bank of 765/400/33KV,1500MVA Transformer at 765KV transmission substation	Vijay Bhuria	International Journal of Research in Engineering and Science (IJRES)	2022	<a href="#">100610741078.pdf (ijres.org)</a>	UGC
12	Analysis of onsite failure of perma-wood ring of three-phase auto transformer at 400kv transmission substation	Devendra Pathak, Vijay Bhuria	International journal of scientific research	2022	<a href="https://www.ijstr.org">10.36106/ijstr/4521197</a>	SCIE/ Scopus

13	Automatic detection of arrhythmias from an ECG signal using an auto-encoder and SVM classifier	Ojha, M.K., Wadhvani, S., Wadhvani, A.K. et al	Phys Eng Sci Med	2022	<a href="https://doi.org/10.1007/s13246-022-01119-1">https://doi.org/10.1007/s13246-022-01119-1</a> .	SCIE/ Scopus
14	Designing an Optimum and Reduced Order Filter for Efficient ECG QRS Peak Detection and Classification of Arrhythmia Data	Hemant Amhia, A. K. Wadhvani	Journal of Healthcare Engineering	2022	<a href="https://doi.org/10.1155/2021/6542290">https://doi.org/10.1155/2021/6542290</a> .	SCIE/ Scopus
15	Integration of 100-kWp PV with low-voltage distribution power system in composite climate: performance and energy metrics analysis	Saurabh Kumar Rajput & Dharmendra Kumar Dheer	International Journal of Ambient Energy- Taylor and Francis	2022	<a href="https://doi.org/10.1080/01430750.2022.2092775">https://doi.org/10.1080/01430750.2022.2092775</a>	SCIE/ Scopus
16	Impact of Solar Intensity on PV Generated Current Harmonics and Transformer Life: A Mathematical Model With Experimental Validation	Saurabh Kumar Rajput & Dharmendra Kumar Dheer	Journal of Solar Energy Engineering-Transaction of ASME	2022	<a href="https://doi.org/10.1115/1.4055101">https://doi.org/10.1115/1.4055101</a>	SCIE/ Scopus
17	Equilibrium optimizer tuned novel FOPID-DN controller for automatic voltage regulator system	Paliwal, N; Srivastava, L and Pandit, M	INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS 31 (8)	2021	<a href="https://doi.org/10.1002/2050-">https://doi.org/10.1002/2050-</a>	SCIE/ Scopus
18	Bone fractures detection using support vector machine and error backpropagation neural network	Bagaria, R., Wadhvani, S., Wadhvani, A.K.	Optik	2021	<a href="https://doi.org/10.1016/j.ijleo.2021.168021">10.1016/j.ijleo.2021.168021</a>	SCIE/ Scopus
19	A Wavelet Transform and Neural Network Based Segmentation & Classification System For Bone Fracture Detection	Bagaria, R., Wadhvani, S., Wadhvani, A.K.	Optik	2021	<a href="https://doi.org/10.1016/j.ijleo.2021.166687">10.1016/j.ijleo.2021.166687</a>	SCIE/ Scopus
20	Takagi-Sugeno Fuzzy based Controllers for Grid Connected PV-Wind-Battery Hybrid System	Tatikayala, V.K., Dixit, S.	International Journal of New Technologies in Science and	2021	<a href="https://doi.org/10.1109/RTEICT52294.2021.9573785">10.1109/RTEICT52294.2021.9573785</a>	Scopus

			Engineering (IJNTSE)			
21	Closed Loop Control Using RSAPS Algorithm for 5-Level CHB Multilevel Inverter	Bansal, Praveen and Singh, Alka	JOURNAL OF CONTROL AUTOMATION AND ELECTRICAL SYSTEMS	2021	<a href="https://doi.org/10.1007/s40313-021-00864-0">https://doi.org/10.1007/s40313-021-00864-0</a>	SCIE/ Scopus
22	Nonlinear adaptive normalized Huber control algorithm for 5-level distribution static compensator	Bansal, Praveen and Singh, Alka	ELECTRICAL ENGINEERING	2021	<a href="https://doi.org/10.1007/s00202-021-01424-0">https://doi.org/10.1007/s00202-021-01424-0</a>	SCIE/ Scopus
23	Mathematical modelling and experimental validation for impact of high solar cell temperature on transformer loading and life	Saurabh Kumar Rajput; Dharmendra Kumar Dheer	RENEWABLE ENERGY FOCUS	2021	<a href="https://doi.org/10.1016/j.ref.2021.07.001">https://doi.org/10.1016/j.ref.2021.07.001</a>	SCIE/ Scopus
24	Minimization of Real Power Losses of Transmission Lines and Improvement of Voltage Stability in Power System using Recurring MODE Algorithm	Ahirwar, H.S., Srivastava, L.	Journal of The Institution of Engineers (India): Series B	2021	<a href="https://doi.org/10.1007/s40031-021-00636-z">https://doi.org/10.1007/s40031-021-00636-z</a>	Scopus
25	A Self-Regulated Virtual Impedance control of VSG in a microgrid	Rathore, B; Chakrabarti, S and Srivastava, L	Electric Power Systems Research	2021	<a href="https://doi.org/10.1016/j.epsr.2021.107289">https://doi.org/10.1016/j.epsr.2021.107289</a>	SCIE/ Scopus
26	Incentive-based demand response in grid-connected microgrid using quasi-opposed grey wolf optimizer	SM Dubey, HM Dubey, M Pandit	International Journal of Engineering, Science and Technology	2021	<a href="https://doi.org/10.4314/ijest.v13i2.1">10.4314/ijest.v13i2.1</a>	Scopus

27	Solution of optimal power flow problem using sine-cosine mutation based modified Jaya algorithm: a case study	Gupta, S; Kumar, N and Srivastava, L	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2021	<a href="https://doi.org/10.1080/15567036.2021.1957043">https://doi.org/10.1080/15567036.2021.1957043</a>	SCIE/ Scopus
28	An efficient Jaya algorithm with Powell's Pattern Search for optimal power flow incorporating distributed generation	Gupta, S; Kumar, N and Srivastava, L	Energy Sources, Part B: Economics, Planning, and Policy	2021	<a href="https://doi.org/10.1080/15567249.2021.1942595">https://doi.org/10.1080/15567249.2021.1942595</a>	SCIE/ Scopus
29	A robust optimization approach for optimal power flow solutions using rao algorithms	Saket Gupta ,Narendra Kumar ,Laxmi Srivastava,Hasmata Malik, Amjad Anvari-Moghaddam, Fausto Pedro García Márquez	Energies	2021	<a href="https://doi.org/10.3390/en14175449">https://doi.org/10.3390/en14175449</a>	SCIE/ Scopus
30	Nonlinear adaptive normalized least mean absolute third algorithm for the control of five-level distribution static compensator	Bansal, P and Singh, A	INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS	2021	<a href="https://doi.org/10.1002/cta.3045">https://doi.org/10.1002/cta.3045</a>	SCIE/ Scopus
31	Multiobjective scheduling of hybrid renewable energy system using equilibrium optimization	Dubey, S.M., Dubey, H.M., Pandit, M., Salkuti, S.R.	Energies	2021	<a href="https://doi.org/10.3390/en14196376">https://doi.org/10.3390/en14196376</a>	SCIE/ Scopus
32	Hybrid Protection Scheme Based Optimal Overcurrent Relay Coordination Strategy for RE Integrated Power Distribution Grid	Shrivastava, A., Sharma, A., Pandit, M., Jatuly, V., Azzopardi, B.	Energies	2021	<a href="https://doi.org/10.3390/en14217192">https://doi.org/10.3390/en14217192</a>	SCIE/ Scopus
33	Nonlinear adaptive normalized Huber control algorithm for 5-level distribution static compensator	Bansal, P and Singh, A	ELECTRICAL ENGINEERING	2021	<a href="https://doi.org/10.1007/s00202-021-01424-0">https://doi.org/10.1007/s00202-021-01424-0</a>	SCIE/ Scopus

34	Multilevel Inverter Based Power Quality Enhancement Using Improved Immune Control Algorithm	Bansal, P and Singh, A	International Journal of Electronics	2021	<a href="https://doi.org/10.1080/00207217.2020.1870754">ps://doi.org/10.1080/00207217.2020.1870754</a>	SCIE/ Scopus
35	Nonlinear adaptive normalized least mean absolute third algorithm for the control of five-level distribution static compensator	Bansal, Praveen and Singh, Alka	International Journal Of Circuit Theory And Applications	2021	<a href="https://doi.org/10.1002/cta.3045">https://doi.org/10.1002/cta.3045</a>	SCIE/ Scopus
36	Reliability and Energy Efficiency of Ring Frame Machine in Textile Industries: Secure, Smart, and Reliable Network	Rajput, S.K., Wadhvani, S., Singh, J.	Advances in Smart Communication and Imaging Systems pp 657-663	2021	<a href="https://doi.org/10.1007/978-981-15-9938-5_61">https://doi.org/10.1007/978-981-15-9938-5_61</a>	SCIE/ Scopus
37	High Performance Adaptive PSO MPPT Technique for PV Based Micro Grid for a Rural Area	K R Ritu, Bharat Mishra, A K Wadhvani	Journal of Physics Conference Series	2021	<a href="https://doi.org/10.1088/1742-6596/1151/1/012001">High Performance Adaptive PSO MPPT Technique for PV Based Micro Grid for a Rural Area - IOPscience</a>	SCIE/ Scopus
38	Multilevel Inverter Based Power Quality Enhancement Using Improved Immune Control Algorithm	Bansal, Praveen and Singh, Alka	International Journal Of Electronics	2021	<a href="https://doi.org/10.1080/00207217.2020.1870754">https://doi.org/10.1080/00207217.2020.1870754</a>	Scopus
39	Multi-objective fuzzy rank based scheduling of utility connected microgrid with high renewable energy using differential evolution with dynamic mutation	Shukla, S and Pandit, M	International Transactions On Electrical Energy Systems 31 (3)	2021	<a href="https://doi.org/10.1002/2050-7038.12788">https://doi.org/10.1002/2050-7038.12788</a>	SCIE/ Scopus
40	Comparison of traditional and swarm intelligence based techniques for optimization of hybrid renewable energy system	Singh, P; Pandit, M and Srivastava, L	RENEWABLE ENERGY FOCUS 35 , Pp.1-9	2020	<a href="https://doi.org/10.1016/j.ref.2020.06.010">https://doi.org/10.1016/j.ref.2020.06.010</a>	SCIE/ Scopus
41	Application of grey wolf optimization algorithm for load frequency control in multi-source single area power system	Paliwal, N; Srivastava, L and Pandit, M	Evolutionary Intelligence	2020	<a href="https://doi.org/10.1007/s12065-020-00530-5">10.1007/s12065-020-00530-5</a>	Scopus

42	Distribution Grid Parameter Variation due to Solar PV Power Integration	Shrivastava, A; Saini, DK and Pandit, M	International Journal Of Renewable Energy Research 10 (3) , pp.1125-1132	2020	<a href="#">(8) (PDF) Distribution Grid Parameter Variation due to Solar PV Power Integration (researchgate.net)</a>	Scopus
43	Energy and Economic Analysis of Grid-Type Roof-Top Photovoltaic (GRPV) System	Babul, A.K., Rajput, S.K., Singh, H., Yadaw, R.C.	Control Applications in Modern Power System pp 399-408	2020	<a href="#">10.1007/978-981-15-8815-0_34</a>	UGC
44	Energy Audit of Hybrid (Grid, Solar Rooftop Photovoltaic System and Diesel Generator) Electric Power Supply System: A Case Study of Commercial Building	Singh, A.P., Singhal, A., Athaya, A., ...Srivastava, L., Sharma, V.	Recent Advances in Power Systems	2020	<a href="https://doi.org/10.1007/978-981-15-7994-3_27">https://doi.org/10.1007/978-981-15-7994-3_27</a>	UGC
45	Induction Motor Bearing fault Detection using Frequency Domain PCA with SVM ”	Alka Thakur, A. K. Wadhvani, Sulochana Wadhvani, ,	IJFTRIE,	2020	<a href="#">Induction Motor Bearing Fault Detection using Frequency Domain PCA with SVM   Solid State Technology</a>	UGC
46	DCT PCA based Vibration Signal Analysis with Optimized SVM for Induction Motor Bearing Fault Detection and Classification”	Alka Thakur, A. K. Wadhvani, Sulochana Wadhvani,	IJFTRIE,	2020	<a href="https://docs.google.com/document/d/1FNvET84vnAZjmR44AY-zXKvecQzZ5nR8/edit?usp=sharing&amp;oid=109808602289493452611&amp;rtpof=true&amp;sd=true">https://docs.google.com/document/d/1FNvET84vnAZjmR44AY-zXKvecQzZ5nR8/edit?usp=sharing&amp;oid=109808602289493452611&amp;rtpof=true&amp;sd=true</a>	SCIE/ Scopus
47	Efficient R peak Detection Algorithm from ECG using Combination Stationary Wavelet Transform and Hilbert Transform”	Manoj Kumar Ojha, Dr. S. Wadhvani, Dr. A. K.Wadhvani, Dr. Anupam Shukla	IJFTRIE	2020	<a href="https://docs.google.com/document/d/1FNvET84vnAZjmR44AY-zXKvecQzZ5nR8/edit?usp=sharing&amp;oid=109808602289493452611&amp;rtpof=true&amp;sd=true">https://docs.google.com/document/d/1FNvET84vnAZjmR44AY-zXKvecQzZ5nR8/edit?usp=sharing&amp;oid=109808602289493452611&amp;rtpof=true&amp;sd=true</a>	SCIE/ Scopus
48	Economic Load Dispatch of Power Plant in Electric Generation System Using Grey Wolf Optimization	K K Swarnkar	International Journal of Innovative	2019	<a href="#">(60) Economic Load Dispatch of Power Plant in Electric Generation System Using Grey Wolf</a>	UGC

			Research in Technology		<a href="#">Optimization   IJIRT Journal - Academia.edu</a>	
49	Influence of airflow dynamics on vortices in the human nasal cavity	Punjan Dohare, Amol P. Bhondekar, C. Ghanshyam	Engineering Computations	2019	<a href="https://doi.org/10.1108/EC-08-2018-0335">https://doi.org/10.1108/EC-08-2018-0335</a>	SCIE/ Scopus
50	Performance optimization of sensing chamber using fluid dynamic simulation for electronic nose applications	Punjan Dohare, Sudeshna Bagchi, and Amol P. Bhondekar	Turkish Journal of Electrical Engineering & Computer Sciences	2019	<a href="#">10.3906/elk-1903-103</a>	SCIE/ Scopus
51	Relay co-ordination optimization for integrated solar photo-voltaic power distribution grid	A Shrivastava, DK Saini, M Pandit	Cogent Engineering	2019	<a href="#">10.1080/23311916.2019.1612601</a>	SCI/ Scopus
52	Enhancement of Voltage Stability by Placement of FACTS Devices	Shishir Dixit	International Journal of Research in Technology	2019	=	UGC
53	Placement of FACTS Devices for Improving Power System Performance	Shishir Dixit	International Journal of Research in Technology	2019	=	UGC
54	Multi-objective optimal reactive power dispatch using differential evolution	Ram Kishan Mahate, Himmat Singh	International Journal of Engineering Technologies and management Research	2019	<a href="#">MULTI-OBJECTIVE OPTIMAL REACTIVE POWER DISPATCH USING DIFFERENTIAL EVOLUTION   Zenodo</a>	UGC
55	A Performance Evaluation of 1-Phase 3-Level T-Type Multilevel Inverter using Advanced PWM Techniques x	Monika Agrawal, Vijay Bhuria and Shishir Dixit	International Journal of Innovative Research and Technology (IJIRT)	2019	<a href="#">(60) A Performance Evaluation of 1-Phase 3-Level T-Type Multilevel Inverter using Advanced PWM Techniques   IJIRT Journal - Academia.edu</a>	UGC



56	Finding Optimal Location of SVC and Minimization of Active Power Loss and Voltage Deviation Using Genetic Algorithm	Monu Ram Tyagi, Shishir Dixit	International Journal of Research and Analytical Reviews (IJRAR)	2019	<a href="#">[PDF] Finding Optimal position of SVC and Decreasing of Real Power Loss and Voltage Deviation Using Genetic Algorithm (GA)   Semantic Scholar</a>	UGC
57	Finding Optimal Position of SVC and decreasing of Real Power Loss and Voltage Deviation using Genetic Algorithm	Monu Ram Tyagi, Shishir Dixit	International Journal of Engineering Technologies and Innovative Rearch (JETIR)	2019	<a href="#">[PDF] Finding Optimal position of SVC and Decreasing of Real Power Loss and Voltage Deviation Using Genetic Algorithm (GA)   Semantic Scholar</a>	UGC
58	Impact of Solar Panel on the Transformer performance: A Case Study	A. Kumari, J. Patra, N. Pal, N. Kumar	Iranian journal of Science and Technology, Transactions of Electrical Engineering	2019	<a href="#">10.1007/s40998-019-00300-9</a>	SCIE/ Scopus
59	Compressed Air Monitoring System for Textile Industry	S K Rajput, P. Godhar, V. Sharma	Internal Journal of Engineering Research & Technology (IJERT)	2019	<a href="#">10.17577/IJERTV8IS030126</a>	UGC
60	Instrument variable method based on nonlinear transformed instruments for Hammerstein system identification	V Saini, L Dewan	Journal of Vibration and Control	2018	<a href="https://doi.org/10.1177/1077546317694770">https://doi.org/10.1177/1077546317694770</a>	SCI/ Scopus
61	Sparse parameter estimation of LTI models with lp sparsity using genetic algorithm	V Saini, L Dewan	International Journal of Modelling, Identification and Control	2018	<a href="#">10.1504/IJMIC.2018.10010524</a>	Scopus
62	An overview and comparative analysis of recent bio-inspired optimization techniques for wind integrated multi-objective power dispatch	Dubey, H.M., Pandit, M., Panigrahi, B.K.	Swarm and Evolutionary Computation	2018	<a href="https://doi.org/10.1016/j.swevo.2017.07.012">https://doi.org/10.1016/j.swevo.2017.07.012</a>	SCI/ Scopus

63	Analysis of Difference in Electrical Activity in the Gastrocnemius Muscles of both the legs during step up & Skipping Exercise	Sambhav Kulshreshtha & A. K. Wadhvani	International Advanced Research Journal in Science, engineering & Technology	2018	<a href="https://doi.org/10.17148/IARJSET.2018.577">10.17148\IARJSET.2018.577</a>	UGC
64	A Comparative Study Depicting the effect of Yorker and Bouncer deliveries on the Electrical Activity in different Muscles of Bowling Arm of the Cricket Fast Bowlers	Ankit Dwivedi & A. K. Wadhvani	International Advanced Research Journal in Science, engineering & Technology	2018	<a href="https://irjet.net/archives/V5/i7/IRJET-V5I7454.pdf">https://irjet.net/archives/V5/i7/IRJET-V5I7454.pdf</a>	UGC
65	HRV Analysis of ECG Signal using Wavelet Transform	N Jadon, S Wadhvani	International Research Journal of Engineering and Technology (IRJET)	2018	<a href="https://irjet.net/archives/V5/i7/IRJET-V5I7452.pdf">https://irjet.net/archives/V5/i7/IRJET-V5I7452.pdf</a>	UGC
66	Fetal ECG Extraction using Wavelet Transform	N Para, S Wadhvani	International Research Journal of Engineering and Technology (IRJET)	2018	<a href="https://irjet.net/archives/V5/i7/IRJET-V5I7452.pdf">https://irjet.net/archives/V5/i7/IRJET-V5I7452.pdf</a>	UGC
67	Optimum design of PSO based tuning using PID controller for an automatic voltage regulator system	Ashis Patra, Prasant Chouhan	IRJET	2018	<a href="https://irjet.net/archives/V5/i12/IRJET-V5I12137.pdf">https://irjet.net/archives/V5/i12/IRJET-V5I12137.pdf</a>	UGC
68	Modeling of double source DC-Dc converter	Asis Patra, Aashi rathore	IJRASET	2018	=	UGC
69	Improving Power System Stability by Using Series FACTS Devices	Anoop Singh Yadav, Shishir Dixit	International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS))	2018	Improving Power System Stability by Using Series FACTS Devices (ijltemas.in)	UGC

70	Bio Impedance Technology and Measurement Using Sensitized Garments- as Review	Anand Agarwal, Rakesh Narvey	International Journal of Analog Integrated Circuits	2018	Bio Impedance Technology and Measurement Using Sensitized Garments- as Review   Agarwal   International Journal of Telecommunications & Emerging Technologies (journalspub.info)	UGC
71	EMG Analysis of Head Posture at standing and Sitting Position	Kavita kushwah, Rakesh Narvey	International research journal of Engineering and technology	2018	<a href="#">IRJET-V5I7466.pdf</a>	UGC
72	Matlab Simulation of D-STATCOM using SVPWM	Adesh Sharma, Himmat Singh	International Journal of Engineering Technologies and management Research	2018	<a href="#">10.29121/ijetmr.v5.i5.2018.240</a>	UGC
73	Survey on Grid Connected Solar Power System	Amreen Hadri, Himmat Singh	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	=	UGC
74	Vector Field Control of Induction Motor Drive	Ram Kishan Mahate, Himmat Singh	IRE Journals	2018	<a href="#">Vector Field Control Of Induction Motor Drive (irejournals.com)</a>	UGC
75	Power Quality Issues in Grid Integrated Solar and Wind Hybrid System: A Review	Pooja Patel, Vijay Bhuria	International Journal of Engineering Development and Research	2018	<a href="#">Power Quality Issues in Grid Integrated Solar and Wind Hybrid System: A Review (ijedr.org)</a>	UGC
76	Closed Loop Control of Solar Powered Boost Converter with PI Controller	Pooja Patel, Vijay Bhuria	International Journal of Innovative Research in Science,	2018	=	UGC

			Engineering and Technology			
77	Wind Turbine System Connected to a Permanent Magnet Synchronous Generator	Priyanka Rajawat, Vijay Bhuria	International Research Journal of Engineering and Technology (IRJET)	2018	<a href="https://www.irjet.net/archives/V5/i8/IRJET-V5I8300.pdf">https://www.irjet.net/archives/V5/i8/IRJET-V5I8300.pdf</a>	UGC
78	Comparison between Conventional H-Bridge MLI and Switched-Capacitors Based Multilevel Boost Inverter	Jyoti Tomar, Kuldeep Swarnkar, Praveen Bansal	International Journal for Science and Advance Research in Technology	2018	=	UGC
79	Reduced device count 7-level asymmetrical multi level inverter with various modulation schemes	Jyoti Tomar, Kuldeep Swarnkar, Praveen Bansal	International Journal of Science, Engineering and Technology Research	2018	<a href="http://www.library.net">Reduced Device count 7-Level Asymmetrical Multilevel Inverter with Various Modulation Schemes (library.net)</a>	UGC
80	Economic Load Dispatch Using Genetic Algorithm	Hariom Rathore, Kuldeep Swarnkar	International Journal of Innovative Research in Technology-	2018	=	UGC
81	Identification of Wiener Model Using Iterative Schemes	V Saini, L Dewan	International Journal of Electrical and Information Engineering	2017	<a href="http://www.icieeimt.com">10.1109/ICIEEIMT.2017.8116812</a>	UGC
82	Regularized estimation of Hammerstein systems using a decomposition-based iterative instrumental variable method	V Saini, L Dewan	Turkish Journal of Electrical Engineering & Computer Sciences	2017	<a href="http://www.turkishjournal.com">10.3906/elk-1701-326</a>	SCIE/ Scopus
83	Placement of TCSC for Improvement of Power Flow	Anoop Singh Yadav, Shishir Dixit	International Journal of Advanced Research in Computer	2017	<a href="http://www.ijarc.com">(60) Optimal Placement of TCSC to Improve the Performance of Modern</a>	UGC

			Engineering & Technology (IJARCET)		<a href="#">Power System   IOSR Journals - Academia.edu</a>	
84	Artificial neural network based PID controller for control of Dynamical Systems	Pawan Kuswah, Asis Patra	International journal of advanced and innovative research	2017	=	UGC
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