

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, RAJAMPET

(AUTONOMOUS)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

JOURNAL PUBLICATIONS ACADEMIC YEAR 2018-19

S.NO	Faculty Name	Title of the paper	Name of the journal	Print ISSN NO	Volume, issue, PP and year	National/ International	Journal Indexes	No of citations	
1	Dr.M.PadmaLalitha	Fractional order PID controlled cascaded re-boot seven level inverter fed induction motor system with enhanced response	International journal of power electronics and drive system	2088 8694	9, 4, 1784-179 December 2018	International	Scopus H:Index. 13	Citations:475 H:index:10 i-10 index:10	http://doi.org/10.11591/ijpeds.v9.i4.pp1784-1791
2	Dr. R.Shankar	Approach to reduce real power loss using harmony search algorithm	International journal of research and analytical review	2349- 5138	5, 3 September 2018	International	UGC		https://ijrar.org/papers/IJRAR19D1213.pdf

3	Dr.P.B.Chennaiah	Firefly algorithm based solution to minimize the real power loss in a power system	Ain shams engineering journal (ASEJ),	2090 4479	9, 89-100 August 2018	International	SCIE	Citations:83 H:index:5 i-10 index:3	https://doi.org/10.1016/j.asej.2015.10.005
4	Dr.S.Suresh	Performance analysis for sustainable development power quality improvement in distribution system,	Journal of advanced research in dynamical and control systems	1943 023X	10, 07 2018.	International	Scopus		https://www.jardcs.org/backissues/abstract.php?archiveid=4011
5	Dr. K. Vijay Kumar	Approach to reduce real power loss using harmony search algorithm	International journal of research and analytical review	2349- 5138	5, 3 September 2018	International	UGC		https://ijrar.org/papers/IJRARI9D1213.pdf
6	Dr.N.Shanmukasundaram	Improving power factor by using switching capacitor and switching inductor	Journal of emerging technologies and innovative research (JETIR)	2349- 5162	5, 8 August 2018	International	UGC		https://www.jetir.org/view?paper=JETIR1808997

7	Mr.O.Hema kesavulu	A proportional resonant controller for suppressing resonance in grid tied multilevel inverter	Energies		May 2018	International	SCIE H:Index6 4 I.F:3.18	Citations: 41 H:index: 4 i-10 index: 1	https://doi.org/10.3390/en11051024
8	Mr.B. Murali Mohan	Advanced HCS MPPT algorithm for wind energy systems	Journal of emerging technologies and innovative research (JETIR)	ISSN 2349-5162	6, 1 January 2019	International	UGC		https://www.jetir.org/papers/JETIR1901C61.pdf
9	Mr.P.Bhaskara Prasad	ANFIS based single phase dual stage isolated multi-level inverter applied to solar energy processing	International journal of technical innovation in modern engineering and science(IJTIMES)	2455 2585	4,6 2018	International	Scopus I.F:5.22	Citations:18 H:index:2 i-10 index:1	www.ijtimes.com/papers/finished_papers/150603164027.pdf
10		Fractional order PID controlled cascaded re-boost seven level inverter fed induction motor system with enhanced response	International journal of power electronics and drive system	2088 8694	9, 4, 1784-1790 December 2018	International	Scopus		http://doi.org/10.11591/ijpeds.v9.i4.pp1784-1791
11	Mr.K.Harinath Reddy	Spy robot with auduino for multi-purpose applications	International journal of engineering research	2347 5013	8, 2, 13 - 14 March 2019	International	H:Index 2	Citations:27 H:index:2 i-10 index:1	https://www.ijer.in/publication/v8/036.pdf

12	Mr.P.SureshBabu	Optimal PMU placement for power system observability using binary particle swarm optimization algorithm	International journal of technical innovation in modern engineering and science(IJTIMES)	2455 2585	4,5 April 2019	International	UGC I.F:5.22	Citations:61 H:index:5 i-10 index:1	http://ijtimes.com/papers/finished_papers/150520105014.pdf
13	Mr.P.Suresh Babu	Approach to reduce real power loss using harmony search algorithm	Journal of emerging technologies and innovative research (JETIR)	2349- 5138	5, 3 September 2018	International	UGC		https://ijrar.org/papers/IJRARI9D1213.pdf
14	Mr.C.Ganesh	Power quality improvement in PV fly back micro inverter using adaptive fuzzy-pr controller	International journal of technical innovation in modern engineering and science(IJTIMES)	2455 2585	4,12 November 2018	International	UGC I.F:5.22	Citations:13 H:index: 2	www.ijtimes.com/papers/finished_papers/IJTIMESV04I12151217231651.pdf
15		Adaptive fuzzy proportional resonant controller for photovoltaic fly back micro inverter with hybrid mode	International journal of research (IJR)	2348 6848	7,12 October 2018	International	UGC I.F:5.7		http://ijrpublisher.com/gallery/59-december-2018.pdf

16	Mr.S.Muqthiar Ali	Supply grid voltage regulation as a stat com from IUPQC controller by hybrid fuzzy-pi based controllers	International journal of technical innovation in modern engineering and science(IJTIMES)	2455-2585	July 18	International	UGC I.F:5.22	Citations:4 H:index: 1	www.ijtimes.com/papers/finished_papers/150710122607.pdf
17	Mrs.S.Sarada	Power quality improvement in PV fly back micro inverter using adaptive fuzzy-PR controller	International journal of technical innovation in modern engineering and science(IJTIMES)	2455-2585	4,12 November 2018	International	UGC I.F:5.22	Citations:1 H:index:1	www.ijtimes.com/papers/finished_papers/IJTIMESV04I12151217231651.pdf
18		Adaptive fuzzy proportional resonant controller for photovoltaic fly back micro inverter with hybrid mode	International journal of research (IJR)	2348-6848	7,12 October 2018	International	UGC I.F:5.7		http://ijrpublisher.com/gallery/59-december-2018.pdf
19		A scalar based SVPWM and DPWM techniques for 3-level inverter fed DTC of open end winding induction motor drive	Journal of advanced research in dynamical and control systems	1943-023X	10,13 2553-2568 September 2018	International	Scopus		https://www.jardcs.org/backissues/abstract.php?archiveid=6782

20	Mr.R.Madhan Mohan	ANFIS based single-phase dual-stage isolated multilevel inverter applied to solar energy processing	International journal of technical innovation in modern engineering and science	2455 2585	4, 6 56-66 June 2018	International	UGC I.F:5.22	Citations:14 H:index:3	http://www.ijtimes.com/papers/finished_papers/150603164027.pdf
21	Mr.L.Baya Reddy	Optimized switch count pulse width modulated multilevel inverter	International journal of research	2236 6124	7, 12 December 2018	International		Citations:1 H:index: 1	http://ijrpublisher.com/gallery/54-december-2018.pdf
22		Reduced switch count low frequency modulated multilevel inverter	Journal of applied science and computations	1076 5131	5,7 December 2018	International			http://www.j-asc.com/gallery/319-december-2018.pdf
23	Mr.B.Madhusudhana Reddy	Comparison of closed loop optimal high level novel multilevel inverter fed induction motor drive using PI controller and fuzzy logic controller	International journal of recent technology and engineering (IJRTE)	2277 3878	7,6 March 2019	International	Scopus	Citations:2 H:index:1	https://www.ijrte.org/wp-content/uploads/papers/v7i6/F3009037619.pdf

24	Mr.N.Sreeramula Reddy	Optimal placement and sizing of DG's using back tracking search algorithm in IEEE-33 bus distribution system	International journal of scientific engineering and technology research	2319 8885	6,29 5691-696 2018	International	I.F:5.762	Citations:111 H:index:7 i-10 index:5	https://ieeexplore.ieee.org/document/8282667
25		Power flow analysis for grid connected DG's and battery based transformer coupled bidirectional DC-DC converter	International journal of electrical engineering (IJEE)	1812 3031	10,3 181-192 September 2018	International	Scopus H:index. 7		https://www.ripublication.com/irph/ijee17/ijeev10n2_06.pdf
26	Mr.N.Sreeramula Reddy.	Spy robot using LABVIEW & IOT	International Journal of research and analytical reviews	2278 3075	6, 1 March 2019	International	UGC		https://www.ijrar.org/papers/IJRAR19D1215.pdf
27	Mr.Mumma disai Sandeep	Improving power factor by using switching capacitor and switching inductor	Journal of emerging technologies and innovative research (JETIR)	2349- 5162	5, 8 August 2018	International	UGC		https://www.jetir.org/papers/JETIR1808997.pdf
28	Mr.P.Ravindra Prasad	Dynamic voltage restorer frame work to improve power quality of the distribution grid based on energy storage system	International research journal of engineering and technology(IRJET)	2395 0072	5,10 November 2018	International	H:index 19 I.F: 7.34	Citations:2 H:index:1	https://www.irjet.net/archives/V5/i10/IRJET-511083.pdf

29	Mr.D.SaiKrishnakanth	Opposition based teaching learning optimization for combined economic emission dispatch problem	International journal of advanced scientific technologies in engineering and management sciences (IJASTEMS)	2454-356X	5, 5 1-4 July 2018	International		Citations: 21 H:index: 2 i-10 index: 1	https://www.researchgate.net/publication/333758593_Opposition_Based_Teaching_Learning_Optimization_For_Combined_Economic_Emission_Dispatch_Problem
30	Mr.S.S.Deekshit	IOT based smart circular system using voice recognition	International journal of engineering research	23475013	8,2 51-54 August 2018	International	ICI		https://ijer.in/publication/v8/069.pdf

31	Mr.S.S.Deekshit	Opposition based teaching learning optimization for combined economic emission dispatch problem	International journal of advanced scientific technologies in engineering and management sciences (IJASTEMS)	2454 356X	5, 5 1-4 July 2018	International			https://www.researchgate.net/publication/333758593_Opposition_Based_Teaching_Learning_Optimization_For_Combined_Economic_Emission_Dispatch_Problem
32	Mr. P.Sai Siva	Spy robot using LABVIEW & IOT	International Journal of research and analytical reviews	2278 3075	6, 1 March 2019	International	UGC		https://www.ijrar.org/papers/IJRAR19D1215.pdf

33	Mr.P.Shahir Ali Khan	New topology for 13-level inverter and THD calculation by using different PWM strategies	IOSR journal of engineering (IOSRJEN)	2278-8719	8,8 05-11 August 2018	International			https://www.academia.edu/37288788/New_Topology_for_13_Level_Inverter_and_THD_Calculation_by_using_Different_PWM_Strategies?auto=download
34	Mrs.M.Manasa	Spy robot using LABVIEW & IOT	International Journal of research and analytical reviews	2278 3075	6, 1 March 2019	International	UGC		https://www.ijrar.org/papers/IJRAR19D1215.pdf
35	Mr. P. Ayub Khan	Advanced HCS MPPT algorithm for wind energy systems	Journal of emerging technologies and innovative research (JETIR)	ISSN 2349-5162	6, 1 January 2019	International	UGC		https://www.jetir.org/papers/JETIR1901C61.pdf

36		Management of rapid current in small size power systems by using multi-level converter	International journal of research and analytical reviews		5,3 September 2018	International	UGC		https://www.ijrar.org/papers/IJRAR19D1214.pdf
37	Mr.S.S.Eranna	Improving power factor by using switching capacitor and switching inductor	Journal of emerging technologies and innovative research (JETIR)	2349-5162	5, 8 August 2018	International	UGC		https://www.jetir.org/papers/JETIR1808997.pdf
38	Mr.M.Amar nathaReddy	Advanced HCS MPPT algorithm for wind energy systems	Journal of emerging technologies and innovative research (JETIR)	ISSN 2349-5162	6, 1 January 2019	International	UGC		https://www.jetir.org/papers/JETIR1901C61.pdf

39	Mrs.M.Manasa	Enactment and analysis of smart helmet	International journal of scientific research and review	2349-5138	5, 3 July 2018	International	UGC	https://www.semanticscholar.org/paper/ENACTMENT-AND-ANALYSIS-OF-SMART-HELMET-Ramesh-Siva/9c7c050c29d1336cda490651026d5e1664e5ab63
40	A.Swathi Gupta	Management of rapid current in small size power systems by using multi-level converter	International journal of research and analytical reviews		5,3 September 2018	International	UGC	https://www.ijrar.org/papers/IJRAR19D1214.pdf
41	G.Muruganth	Management of rapid current in small size power systems by using multi-level converter	International journal of research and analytical reviews		5,3 September 2018	International	UGC	https://www.ijrar.org/papers/IJRAR19D1214.pdf