



LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institution

(Approved by A.I.C.T.E & Affiliated to JNTUK, Kakinada)

Accredited by NBA and NAAC with 'A' Grade

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

List of Paper Publications during the Academic Year 2019-20

S.No	Name of the Faculty	Title of the paper	Details of the Publication			ISSN No	National / International
			Name of the Journal	Volume	Year		
1	Dr.K.Subbaramiah	Cost–benefit analysis for optimal DG placement in distribution systems by using elephant herding optimization algorithm	Original research article (SCI)	-----	June 2019		International
2	Dr.M.Mangaraj	Real-time simulation and performance of DSTATCOM using an improved load current detection-based control technique for compensation of current harmonics and load transients	EPE journal european power electronics and drive (SCI)	-----	August 2020	-----	International
		Experimental validation of adaline least mean square algorithm in a three-phase four-wire dstatcom to enhance power quality	Electric power components and systems (taylor & francis) (SCOPUS)	Vol. 0, No. 0	October 2020	ISSN: 1532-500	International
		Sparse LMS algorithm for two-level DSTATCOM	Iet generation, transmission & distribution Wiley publications	-----	September 2020	-----	International

			(SCI)				
		An adaptive lmbp training based control technique for dstatcom,”	IET generation, transmission and distribution (SCI)	Vol. 14, no. 3, pp. 516 – 524,	December 2019	----	International
		A three phase igbt based 31-level asymmetrical multilevel inverter topology fed into asynchronous machine	IOSR journal of electrical and electronics engineering (IOSR-JEEE) UGC	Vol 15, Issue 2 Ser. II (Mar – PP 27-34	2020	E-ISSN: 2278-1676,p-ISSN: 2320-3331	International
3	Dr.B.V.S.Acharyulu	Analysis of moth flame optimization optimized cascade proportional-integral-proportional-derivative controller with filter for automatic generation control system incorporating solar thermal power plant	WILEY Publications (SCI)	Vol:41 Issue: 3	December 2019	ISSN: 866–881	International
		Performance analysis of a cascade controller for conventional and deregulated power systems	International journal of modelling and simulation Taylor & francis (SCOPUS)	Vol:40 Issue: 4	May 2019	ISSN: 0228-6203	International
4	Mrs.P.Janaki	Prepaid energy meter by using gsm technology	International Journal of creative research thoughts (IJCRT) UGC	Vol 8, Issue 5	May 2020	ISSN: 2320-288	International
		A Study of Spacers and Defects For A Three Conductor Transmission Line Gas Insulated Busduct	Think india journal (UGC)	Vol-22- Issue-16-	2019 August	ISSN:0971-1260	International
		Study of electrostatic field effect in a three-phase	Journal of electromagnetic	Vol-34- Issue-16-	August 2020	ISSN:1569-3937	International

		Gas-insulated busduct with FGM spacer under the Effect of protrusion	waves and applications (SCI)				
		Design and analysis of FGM post type spacer in a three phase common Enclosure gas insulated busduct under delamination	Electric Power Systems Research (SCI)	Vol-190	Aug 2020	ISSN:3787796	International
		Study of electric field stress on the surface Contour and at the triple junction in three phase GIS with FGM spacer under the depression defect	Int. J. Emerg. Electr. Power Syst. (SCI)	Vol-21- Issue-5-	September 2020	ISSN:20200080	International
5	Mr.K.Ravisankar	Comparison of power quality in power distribution network using cascaded h-bridge and zsi in dstatcom	Tathapi UGC	Vol. 19 Issue 52	June 2020	ISSN 2320-0693 Impact Factor 5.60	International
		Performance analysis of brushless dc motor fed dc-dc converter	Tathapi UGC	Vol. 19 Issue 52	June 2020	ISSN 2320-0693	International
6	Mr.T.Papi Naidu	Power quality improvement using dynamic voltage restorer for micro grid applications	International research journal of engineering and technology (irjet) UGC	Vol: 07 Issue: 06	June 2020	e-ISSN: 2395-0056 p-ISSN: 2395-0072	International
		Power quality improvement using dstatcom for microgrid application	International research journal of engineering and technology (irjet) UGC	Vol: 07 Issue: 06	June 2020	e-ISSN: 2395-0056 p-ISSN: 2395-0072	International
7	Mr. K. Praveen Kumar Yadav	Protection of smart dc micro grid using parameter estimation approach	International research journal of engineering and technology (irjet) UGC	Vol:7 Issue: 06	June 2020	E-ISSN: 2395-0056 P-ISSN: 2395-0072	International
8	Mrs. K Priyanka	Control and analysis of	Journal of				

		microgrid frequency droop with fuzzy based wecs with ev	engineering sciences (jes) UGC	Vol 11, Issue 1	January 2020	0377-9254	International
		A novel hybrid fuzzy logic controller based rflc for fault limiting in transmission networks and it's dynamic analysis	Journal of engineering sciences(jes) UGC	Vol 11, Issue 1,	January 2020	0377-9254	International
9	Mr.V.Dhanunjaya Naidu	Security based circuit breaker	International journal of creative research thought UGC	Vol & issue 5	May 2020	2320-2882	International
10	Mr.Koyyana Srinivasa Rao	A three phase igt based 31-level asymmetrical multilevel inverter topology fed into asynchronous machine	Iosr journal of electrical and electronics engineering (iosr-jeee) UGC	Vol 15, Issue 2 Ser. II (Mar – PP 27-34	April 2020	e-ISSN: 2278-1676,p-ISSN: 2320-3331	International
		Automachine of electric reaper	Iosr journal of electrical and electronics engineering (iosr-jeee) UGC	Vol 15, Issue 4 Ser. I PP 01-07	July 2020	E-ISSN: 2278-1676,p-ISSN: 2320-3331	International
11	Mrs.T Sravya	Analysis and comparison of conventional and Interleaved dc/dc cuk converter using fuzzy Logic controller	International journal for research in applied science & engineering technology (ijraset) UGC	Vol 8 Issue V	May 2020	2321-9653	International
		Speed enhancement of modified booths encoding Algorithm using veriloghdl	I-manager's journal on digital signal processing, UGC	Vol. 7 1 No. 1 1 January -	August 2019		International
		Analysis of fuzzy based interleaved	Mukt Shabd Journal UGC	Vol IX, Issue VI,	June 2020	ISSN NO : 2347-3150	International

		cuk converter					
12	Mr.B.Ramavaraprasad	Highway monitoring system and Power saving	International journal of creative research thoughts(IJCRT) UGC	Vol 8, issue 4	April 2020	2320-2882	International
		Smart electrical vehicle	JETIR UGC	vol 7, issue 6	June 2020	2349-5162)	International
		A novel hybrid fuzzy logic controller based rflc for fault limiting in transmission networks and it's dynamic analysis	Journal of engineering sciences (jes) UGC	Vol 11, Issue 1,	January 2020	0377-9254	International
13	Mr.Y. Sumith	Prepaid energy meter by using gsm technology	International Journal of creative research thoughts (IJCRT) UGC	Vol 8, Issue 5 ISSN: 2320-288	May 2020	ISSN: 2320-288	International
		The Impact of Three Phase Soft Starter Controller on Asynchronous Machine Response to Transients using MATLAB/Simulink	International Journal of Scientific Research and Reviews UGC	Vol. 8 Issue 2,	June 2019	ISSN: 2279-05	International
14	Mr.CH.S.V. Prakash	Automachine of electric reaper	Iosr journal of electrical and electronics engineering (iosr-jeee) UGC	Vol 15, Issue 4 Ser. I (Jul. -PP 01-07	July 2020	e-ISSN: 2278-1676,p-ISSN: 2320-3331	International
15	Mr.Karri Srinivasa Rao	Solar mechanical tracking using dual axis control mechanism	International journal for research in applied science & engineering technology (ijraset) UGC	Vol 8, Issue IV,	April 2020	ISSN:2321-9653	International
16	Mr.U.Sri Anjaneyulu	The Impact of Three Phase Soft Starter Controller on	International journal of scientific research and reviews	Vol. 8 Issue 2,	June 2019	ISSN: 2279-05	International

		Asynchronous Machine Response to Transients using matlab/simulink	UGC				
17	Mr.K. Shankar	Improvement of power factor in a transmission line level using statcom	International journal for research in applied science & engineering technology (ijraset) UGC	Vol 8 Issue VI	June 2020	ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429	International
18	Mrs.K. Aswini	Analysis and comparison of conventional and Interleaved dc/dc cuk converter using fuzzy Logic controller	International journal for research in applied science & engineering technology (ijraset) UGC	Vol 8 Issue V	May 2020	2321-9653	International
		Power factor correction for non linear loads using parallel boost converters	International journal of creative research thoughts(ijcrt) UGC	Vol 8,	June 2020	Issue 6 ISSN: 2320-2882	International
19	Mr.M.Sathish	A novel hybrid fuzzy logic controller based rflc for fault limiting in transmission networks and it's dynamic analysis	Journal of engineering sciences (jes) UGC	Vol 11, Issue 1,	Jan 2020	0377-9254	International
20	Mrs.K.Nagamani	Design of z-source inverter for induction motor drive	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume: 04 Issue: 07	July -2020	ISSN: 2582-3930	International


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