

SIR C R REDDY COLLEGE OF ENGINEERING
ELURU-534007, WEST GODAVARI DIST, ANDHRA PRADESH, INDIA
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Journal publications of Staff (Academic Year 2018 – 19)

S.No	Name of the faculty	Title of the paper	Journal/Conference	Name of the journal/conference	Volume	Impact Factors
1	Dr. A.Srinivasa Reddy	Evolutionary Programming Techniques for solving Non- Convex Economic load Dispatch Problem with Valve-Point Loading Effect	Journal	IJRASET (UGC)	VOL 6 ISSUE 09 ISSN: 2321-9653	7.12
2	Dr. Y.Butchi Raju	Transient Stability Performance Analysis of Multi Machine Power System using Facts Device	Journal	SSRG, IJEEE (UGS)	VOL 5 ISSUE 07 ISSN: 2348-8379	2.01
3	Dr. Bhupesh Kumar	Performance Enhancement Strategies for Grid Connected Photovoltaic Energy Systems	Journal	IJRASET (UGC)	VOL 6 ISSUE 09 ISSN: 2321-9653	7.12
4	Dr. Bhupesh Kumar	Implementing of Differential Power Processing to Optimize the solar Power Generators	Conference	IEEE	-----	
5	S.R.Sagar	Mitigation and discrimination of inrush currents in three phase power transformer	Journal	IJRASET (UGC)	VOL 6 ISSUE 08 ISSN: 2321-9653	7.12
6	S.Raghunath Sagar, & G.Ganesh	Fault Classification In Transmission Lines Using Wavelet Transform And K-Nearest Neighbors	Journal	IJEAR	Vol. 9, Issue 2 ISSN : 2348-0033	6.18



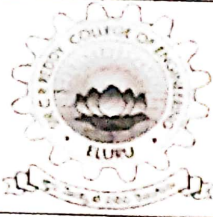
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7	Dr.M.Veera Kumari	Determination of bus strength and stability by using voltage stability indexes for transmission expansion planning	Journal	IJRASET (UGC)	VOL 6 ISSUE 08 ISSN: 2321-9653	7.12
8	Dr.M.Veera Kumari	Transmission Expansion Planning using Multi- Criteria Decision Making Methods	Journal	IJEAT (Scopus)	VOL 7 ISSUE 03	1.00
9	Dr.M.Veera Kumari	Transmission Expansion Planning Using Differential Evolution Multi-Objective Differential Evolution and multi-criteria decision making method	Conference	National power engineering conference	-----	
10	A.Surya Prakesha Rao	Solving Economic load dispatch problem using Particle swarm optimization and artificial Bee colony optimization algorithms SSRG	Journal	IJEEE (UGC)	VOL 5 ISSUE 7 ISSN: 2348-8379	3.2
11	T.Kranti Kiran & R. Madhusudan	Performance Analysis of Impedance Source Inverter (ZSI) Controlled with Proposed Unipolar PWM Technique under various Load Conditions	Journal	IJEAT (Scopus)	VOL 8 ISSUE 1	1.0
12	J.Ayyappa, M. Sunilkumar	New Control Strategy for Inverter Based Micro Grid	Journal	International Journal of New Technologies in Science and Engineering	Vol. 5, Issue. 9, 2018, ISSN 2349-0780	6.75
13	R. Madhusudan	Control Strategies for DSTATCOM	Journal	IJITEE (Scopus)	VOL 8 ISSUE 5	0.1




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14	R. Madhusudan, K.Venkatesh & G.Ganesh	Performance Analysis of Modified Two Source Switched Inductor Quasi ZSI	Journal	International Journal of pure sciences and mathematics (Scopus)	Volume 118 No. 24 ISSN: 1314-3395	7.19
15	N.Rama Narayana	Application of particle swarm optimization to three phase locked loop	Journal	IJRASET (Scopus)	VOL 6 ISSUE 9 ISSN: 2321-9653;	7.12
16	R. Madhusudan & N.Rama Narayana	Application of SSSPO and SPSO To Optimal Power Flow Solutions Along With SSC Device	Journal	International Journal Of Science And Technology (Web of Science)	VOL11(23)	0.12
17	U.Ranjith Kumar	A Design of droop control for multi terminal HVDC of offshore wind farms with three wire bipolar transmission	Journal	IJRASET (UGC)	VOL 6 ISSUE 8	7.12
18	.P.Naga Sowjanya	Control of a PMSG based wind turbine system with parallel connected DC chopper at grid side converter	Journal	International Journal for Modern Trends in Science and technology (UGC)	VOL 4 ISSUE 9	5.8
19	T DeeptiPrasanna & SNV Bramareswara Rao	An Efficient Hybrid Controller For On Grid Pv System With Improved Power Quality Features	Journal	International Journal of Research (UGC)	Volume 9, Issue 6 ISSN NO: 2236-6124	5.7
20	R.Madhusudan & K.Venkatesh	Industrial WSN node Extension and Measurement system for Environmental Monitoring using NI-IIoT	Conference	ICRACE -2019 proceedings	-----	



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21	S.N.V.Brama reswara Rao	Framework for Forming Minigrids by Interfacing Urban Community Buildings	Journal	IJPAM (Scopus)	118 (24), 1-19	7.19
22	M.Sunil Kumar J.Ayyappa	Performance evaluation of maximum power plant tracking approaches for PV array under PSC with differential converters	Journal	IJEAT (Scopus)	ISSN: 2249 – 8958, Volume-7 Issue-6, August 2018	0.1
23	T. Deepti Prasanna K. Kotayya Chowdary	Power Management Strategies of A Grid Connected Hybrid System in UPC and FFC Modes	Journal	IJEAT	ISSN: 2249 – 8958, Volume-7 Issue 3, February 2018	0.1
24	R. Madhusudan K. Venkatesh	Industrial Motor Monitoring and Maintenance notifications using NI- IOT	Conference	ICRACE 2019	--	--


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