

**SIR C R REDDY COLLEGE OF ENGINEERING**  
 ELURU-534007, WEST GODAVARI DIST, ANDHRA PRADESH, INDIA  
 (Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)  
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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

### Journal publications of Staff (Academic Year 2017 – 18)

S.No	Name of the faculty	Title of the paper	Journal /Conference	Name of the journal/ conference	Volume	Impact Factor
1	Dr.A. Srinivasa Reddy, B. Sambasiva Rao	Simulation of Shunt Active Power Filter with Pi and Fuzzy Logic Controller	Journal	International Journal of Engineering and Advanced Technology (IJEAT) (Scopus)	ISSN: 2249 – 8958, Volume-7 Issue-2, December 2017	0.1
2	Dr. Y. Butchiraju	PSO Optimized Load Frequency Control of a Multi Area Power System under Restructured Scenario	Journal	International Journal of Science Technology and Engineering (UGC)	Volume : 3, Issue : 7 ISSN : 2349-784X	4.73
3	Dr. Y. Butchiraju	Adaptive Fuzzy Control Strategy of STATCOM for the Regulation of Voltage	Conference	7th International Conference on Communication Systems and Network Technologies	978-1-5386-1860-8/17/\$31.00 ©2017 IEEE DOI 10.1109/CNT.2017.59	



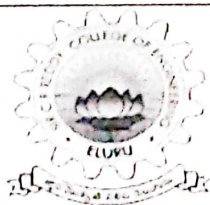
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4	Dr.N.Bhupesh Kumar	MPPT Methods For PV String Under Partially Shaded Conditions Along With Particle Swarm Optimization	Journal	International Journal of Science Technology and Engineering (UGC)	Volume 3   Issue 07 ISSN : 2349-784X	4.75
5	Dr. M. Veerakumari	Cuckoo Search Algorithm for Optimal Transmission Expansion Planning with Various Load Models and FFC	Conference	1st International Conference on Power Engineering, Computing and Control (Scopus)	-----	0.54
6	A.SuryaPrakasha Rao	Modulation Strategy And Voltage Balancing Control For Modular Multilevel Converters	Journal	International Journal of Professional Engineering Studies	-----	4.828
7	Naga Sowjanya Palety	Literature Review on Grid-Connected Photovoltaic Systems	Journal	IJSPR	Number 02 Volume 40 ISSN: 2349-4689	5.7
8	Naga Sowjanya Palety	Based DSTATCOM For Neutral Current Compensation with Linear and Non Linear Load in Combination of T-Connected Transformer and SRF	Journal	IJSPR	Issue 110, Volume 39 ISSN: 2349-4689	5.7



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9	A.N.P.Girish Kumar	Fuzzy With PI Controller Based Analysis Of Wind Energy Conversion System	Journal	International Journal of Science Technology and Engineering (UGC)	Volume 3 Issue 07 ISSN : 2349-784X	4.7
10	M.Sunil Kumar	Fuzzy Based Three-Phase Multilevel Cascaded H Bridge PV Inverter With Distributed MPPT For Grid-Connected Applications.	Journal	International Journal of Professional Engineering Studies	Volume VIII /Issue 1	4.828
11	M. Sunilkumar, Ch. Prasanna Lakshmi	Control of a Grid Connected Wind Energy Conversion System By using Sliding Mode Control (SMC)	Journal	International Journal of Engineering and Advanced Technology (IJEAT) (Scopus)	ISSN: 2249 – 8958, Volume-7 Issue-2, December 2017	1.0
12	U.Ranjith Kumar	Design And Frequency Control of A Fuzzy Based Hybrid Renewable Power System With Fuel Cell System	Journal	International Journal of Professional Engineering Studies	Volume VIII /Issue 1	4.8
13	J. Ayyappa, S.N. V. Bramareswara Rao	Modeling And Design of Hybrid Control Strategy for Power Quality Improvement in Grid Connected Renewable Energy Source	Journal	International Journal of Engineering and Advanced Technology (IJEAT) (Scopus)	ISSN: 2249 – 8958, Volume-7 Issue-2, December 2017	0.1



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14	T.DeeptiPrasanna	Improvement Of Fault Ride-Through Capability In DFIG Wind Turbine With Fuzzy Controlled SFCL	Journal	International Journal of Engineering and Technology (Scopus)	Volume 3 Issue 1 OPEN ACCESS	0.1
15	A.Durga Prasad	A Control Topology To Magnify VSC Coupled Weak Grids Performance With Self Synchronization Capability	Journal	International Journal of Innovative Research in Science, Engineering and Technology	Vol. 6, Issue 1 ISSN : 2319-8753	4.3
16	S.N.V.Bramareswara Rao	Operation and control of wind/solar/diesel generator based hybrid micro grid in grid connected mode under fault conditions	Conference	IEEE	-----	.
17	N. Ramanarayana&R. Madhusudan	Comparative analysis of SPSO and PSO to optimal power flow solutions	Journal	IJRASET (UGC)	VOL. 6 ISSUE 1 ISSN: 2321-9653;	7.12

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2017-2018