



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

Kommadi, Madhurawada, Visakhapatnam 530 048

(Approved by AICTE, New Delhi, Affiliated to Andhra University, Visakhapatnam)

(Accredited by National Board of Accreditation [NBA] for B.Tech CSE, ECE and IT - valid from 2019-22 and 2022-25)

(Accredited by National Assessment and Accreditation Council [NAAC] with A Grade - valid from 2022-2027)

Department of Electrical and Electronics Engineering List of Journal Publications for the Academic year 2022-2023

S.NO	FACULTY NAME	TITLE OF THE PAPER	NAME OF THE JOURNAL	MONTH & YEAR	ISSN number	LINK
1.	Dr.RVS Lakshmi Kumari	Short Term Load Forecasting Using Artificial Neural Networks	International Journal of Analytical and Experimental Modal Analysis	Sept 2022	0886-9367	
2.	Dr.P.Devendra	New class of Power Converter for Performing the Multiple Operations in a Single Converter: Universal Power Converter	Energies 2022	AUG 2022	1517-6293	https://doi.org/10.3390/en15176293
3.	Dr.P.Devendra	Design and Implementation of Single-Input-Multi-Output DC-DC Converter Topology for Auxiliary Power Modules of Electric Vehicle	IEEE ACCESS	JULY 2022	2169-3536	10.1109/ACCESS.2022.3192738.

4	Dr.P.Devendra	Implementation of Harris Hawks optimization for load frequency control of hydropower plant	International Journal of Power Electronics and Drive Systems (IJPEDS)	JUNE 2022	2088-8694	http://doi.org/10.11591/ijped.v13.i2.pp1093-1100
5	Dr.P.Devendra	Salp swarm algorithm based optimal speed control for electric vehicles	International Journal of Power Electronics and Drive Systems (IJPEDS)	JUNE 2022	2088-8694	http://doi.org/10.11591/ijped.v13.i2.pp755-763
6	Mr. M. Krishna	Transformer Based 25-Level T-Type MLI for Renewable Energy Integration	IEEE Journal of Emerging and Selected Topics in Industrial Electronics	OCT 2022	2687-9735	doi: 10.1109/JESTIE.2022.3164252.



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S.NO	FACULTY NAME	TITLE OF THE PAPER	NAME OF THE JOURNAL	MONTH & YEAR	ISSN number	LINK
1	Dr.P.Devendra	A New Multi-Output DC-DC Converter for Electric Vehicle Application	IEEE ACCESS	FEB 2022	2169-3536	10.1109/ACCESS.2022.3151128
2	Dr.RVS Lakshmi Kumari	Usage Based Loss Allocation To Generators In Single Area Power System	International Journal on Design Engineering	SEPT 2021	0011-9342	https://www.scopus.com/sourceid/28687
3	Dr.P.Devendra	Design and implementation of a new inverter topology with reduced THD and part count	International journal of system assurance engineering and management	NOV 2021	0975-6809	https://doi.org/10.1007/s1398-021-01486-0

4	Mrs. A.S.V.Vijayalakshmi	Optimal Robust PID-PSS Design for Melioration of Power System Stability Using Search and Rescue Algorithm	Journal of Control Automation and Electrical Systems	SEPT 2021	2195-3899	http://doi.org/10.1007/s40313-021-00720-1
5	Mr M.Krishna	Stabilized Power Management in the Microgrid Using Unified Delta Controller	Journal of Electric Systems	AUG 2021	1112-5209	https://www.scopus.com/sourceid/19700186890



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S.No	FACULTY NAME	TITLE OF THE PAPER	NAME OF THE JOURNAL	Month &Year	ISSN Number	LINK
1	Dr.A.Hema Chandra	Robust Observer Design for Mitigating the Impact of Unknown Disturbances on State of Charge Estimation of Lithium Iron Phosphate Batteries using Fractional Calculus	IEEE Transactions on Vehicular Technology	MAY 2021	0018-9545	https://www.scopus.com/sourceid/17393
2	Mrs. A.S.V.Vijayalakshmi	Control constraint based optimal PID-PSS design for a widespread operating power system using SAR algorithm	International Transactions on Electrical Energy Systems	MARCH 2021	2050-7038	http://doi.org/10.1002/2050-7038.13146

3	Mrs. A.S.V.Vijayalakshmi	Design of a robust PID-PSS for an uncertain power system with simplified stability conditions	Protection and Control of Modern Power Systems	NOV 2020	2367-0983	http://doi.org/10.1186/s41601-020-00165-9
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S.No	FACULTY NAME	TITLE OF THE PAPER	NAME OF THE JOURNAL	Month & Year	ISSN Number	LINK
1	Dr.RVS Lakshmi Kumari	Analysis of Active power load dispatch in economic and environmental aspects with pseudo power flow	International Journal of Future Generation Communication and Networking	MAY 2020	2233-7857	https://mj.lclarivate
2	Devendra Potnuru, Ayyarao S.L.V Tummala	Implementation of grasshopper optimization algorithm for closed loop speed control of BLDC motor drive	International Journal of Swarm Intelligenece	Dec 2019	1947-9263	http://doi.org/10.1002/2050-7038.13146



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List of Journal Publications for the Academic year 2018-2019

S.No	FACULTY NAME	TITLE OF THE PAPER	NAME OF THE JOURNAL	Month &Year	ISSN Number	LINK
1	D. Srilalatha, R V S Lakshmi Kumari, Babita Jain	Analysis of multi area load frequency control system with fruitfly algorithm	Journal of advanced research in dynamical& control systems	Dec,2018	1943-023X	
2	Bharani Chandra, KumarPakki, Devendra Potnuru	A Nonlinear load frequency controller for hydro power plants.	Int journal for ambient energy	Sep2018	2162-8246	10.1080/01430750.2018.1531258



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List of Journal Publications for the Academic year 2017-2018

S.No	FACULTY NAME	TITLE OF THE PAPER	NAME OF THE JOURNAL	Month & Year	ISSN Number	LINK
1	Devendra Potnuru, AliceMary.K, Sai Babu.Ch	Experimental Implementation Of Flower Pollination Algorithm for Speed Controller of BLDC Motor	Ain shams engineering journal	JULY ,2018	2090-4479	https://doi.org/10.1016/j.asej.2018.07.005
2	Sri M.Krishna	Robust design of multi-machinepower system stabilizers using clonal selection algorithm	IJRTE(Internationaljournal of recent technology &engineering)	Nov,2017	2277-3878	https://www.ijrte.org/wp-content/uploads/papers/v6i5/E1709116517.pdf
3	Ms.V SreeVidhya K.Poojitha N.Prasanna	Maximum Power Point Tracking of Photovoltaic Modules using Golden Section Search Method.	International journalof engineering & technology (IJET)	JULY2017	0975-4024	10.21817/ijet/2017/v9i3/170903S025



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List of Journal Publications for the Academic year 2016-2017

S.No	FACULTY NAME	TITLE OF THE PAPER	NAME OF THE JOURNAL	Month & Year	ISSN Number	LINK
1	Mr. M Krishna	Plugging of inverter loads in micro- grid to enhance power system stability	International journal of Scientific Development and research (IJSDR)	Nov-2016	2455-2631	
2	Ms.V Sree Vidhya B.Rajasekhar	Research work on conversation of environmental waste to energy- Electrical energy	International journal of engineering sciences & research technology (IJESRT)	October 2016	2277-9655	DOI: 10.5281/Zenodo.160852



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List of Journal Publications for the Academic year 2015-2016

S.No	FACULTY NAME	TITLE OF THE PAPER	NAME OF THE JOURNAL	Month & Year	ISSN Number	LINK
1	Mr.M.Krishna Mr A Hema Chander Mr Y Srikanth	Comparison of Different types of Solar cells – a review	IOSR journal of electrical &electronics engg (IOSR-JEEE)	Dec 2015	2278-1676	DOI:10.9790/1676-1061151154
2	Mr. M Santosh Kumar Mr. M Krishna	Permanent Magnet Linear Generator Design	IOSR journal of electrical &electronics engg (IOSR-JEEE)	Dec 2015	2278-1676	DOI:10.9790/1676-10628690
3	Ms. G.S.R.Sanjeevini	Modelling and Simulation of An Isolated Power Generating System Using Doubly Fed Induction Generators	IJIRSET	Apr2015	2278-1676	10.15680/IJIRSET.2015.040402

4	M.Krishna Srikanth Yerra A.Hema Chandra	Optimum Amplitude Venturini Modulation Based Matrix Converter Fed Induction motor	IOSR -JEE	Nov 2015	2278-1676	DOI:10.9 790/1676- 10627885
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