



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Surampalem, E.G(D), Andhra Pradesh

Department of Electrical and Electronics Engineering

Academic Year 2020-21

Academic Year 2020-21-PUBLICATIONS-CONFERENCES

S. N o.	Name of the Faculty as Author	No of Authors	Main Author/ others	Title of the Paper	Name of the Conference	Date/s	Organized by with location	ISBN/ ISSN Number	URL/DOI
1	Dr.B.Rajani	2	B.Rajani	Renewable source DC micro grid connected BLDC water pumping system with adaptive control techniques	4 th International Conference on Electronics, Communication and Aerospace Technology - ICECA 2020	5-7 th November 2020	RVS Technical Campus, Coimbatore,	ISBN:978-1-7281-6387-1	DOI: 10.1109/ICECA49313.2020.9297486
2	K.Venkateswara Rao	4	B.Rajani	DC Link voltage stabilization in Renewable Source connected DC Micro-Grid using Adaptive Sliding mode Controller	Trends in Industry 4.0 Technically Sponsored IEEE Bombay section 2021[ETI 4.0]	19 th -21 may 2021	OP JINDAL University, Raigarh, Chhattisgarh, INDIA	21382837	DOI: 10.1109/ETI4.051663.2021.9619402

3	Sana Vani	3	Sana Vani	Aerodynamic modelling and analysis of wind turbine	3rd International Conference on Computing and Communication (IC3-2020)	13-14 th July 2020	Manipal Institute of Technology Sikkim	978-981-15-7394-1	https://link.springer.com/chapter/10.1007/978-981-15-7394-1-13
4	Reddy Ramesh	3	A.S.S.Vijayalakshmi	Analysis of inverter topologies and control schemes in grid connected photovoltaic module	3rd International Conference on Computing and Communication (IC3-2020)	13-14 th July 2020	Manipal Institute of Technology Sikkim	978-981-15-7394-1	DOI:10.1007/978-981-15-7394-1_12
5	P Sridhar	5	Sadhanapu Reddy Ramesh	Study of protection, fault and condition monitoring of induction motor	3rd International Conference on Computing and Communication (IC3-2020)	13-14 th July 2020	Manipal Institute of Technology Sikkim	978-981-15-7394-1	https://link.springer.com/chapter/10.1007/978-981-15-7394-1_11
6	Vemana U.P. Lavanya	3	Sirisha Lanka	Performance analysis of VSIFed single-phase induction motor using	INDISCON 2020	Oct 3 rd 2020	Gayatri vidya parishath, vizag	978-1-7281-8734-1	DOI: 10.1109/INDISCON50162.2020.000034

				fixed pulse width modulation techniques					
7	R Venkatesh	3	R Venkatesh	Design and analysis of AC-DC power factor correction converter	6th International Conference for Convergence in Technology (I2CT-2021),	2-4 th april 2021	Pune ,India	978-1-7281-8876-8	DOI: 10.1109/I2CT51068.2021.9417937
8	R. Srinivas	4	B.Rajani	DC Link voltage stabilization in Renewable Source connected DC Micro-Grid using Adaptive Sliding mode Controller	Trends in Industry 4.0 Technically Sponsored IEEE Bombay section 2021[ETI 4.0]	19 th -21 may 2021	OP JINDAL University, Raigarh, Chhattisgarh, INDIA	21382837	DOI: 10.1109/ETI4.051663.2021.9619402
9	Karri Ravikumar Reddy,	6	Karri Ravikumar Reddy	Solution to Economic Load Dispatch using Ant colony Search based-Teaching	Emerging trends in ndustry 4.o IEEE Bombay section	19 th -21 may 2021	OP JINDAL University, Raigarh, Chhattisgarh, INDIA		DOI: 10.1109/ETI4.051663.2021.9619256

				Learning Optimization					
10	R Venkatesh,	5	G Chiranjeevi Sai	Study of Selective Harmonic Elimination Technique in Single-phase Voltage Source Inverter	6th International Conference for Convergence in Technology (I2CT-2021),	02-04th April 2021	Maharashtra, India	978-1-7281-8876-8	DOI: 10.1109/I2CT51068.2021.9417937
11	Dr.B.Rajani	4	B.Rajani	DC Link voltage stabilization in Renewable Source connected DC Micro-Grid using Adaptive Sliding mode Controller	Emerging trends in industry 4.0 IEEE Bombay section	19 th -21 may 2021	OP JINDAL University, Raigarh, Chhattisgarh, INDIA	21382837	DOI: 10.1109/ETI4.051663.2021.9619402
12	Koppiseti Prabha Rani	4	K. Ganesh Sai Reddy	Design of power conditioning unit for wind energy conversion system	3rd International Conference on Computing and Communication (IC3-)	13-14 July 2020	Sikkim, Manipal Institute of Technology	978-981-15-7394-1	DOI: 10.1007/978-981-15-7394-1_19

				using resonant converter	2020)				
13	Dr.B.Rajani,	4	B.Rajani,	Comparative Analysis of controller tuning for Multi-area Power Systems Using Swarm Optimization Techniques	Springer Publishers 2 nd electric Power and Renewable Energy Conference EPREC-2021	May 28 th -30 th ,2021	NIT Jamshedpur,India.	978-981-19-0192-8	DOI https://doi.org/10.1007/978-981-19-0193-5_5
14	R.Venkatesh,	4	B.Rajani,	Comparative Analysis of controller tuning for Multi-area Power Systems Using Swarm Optimization Techniques	Springer Publishers 2 nd electric Power and Renewable Energy Conference EPREC-2021	May 28 th -30 th ,2021	NIT Jamshedpur,India.	978-981-19-0192-8	DOI https://doi.org/10.1007/978-981-19-0193-5_5
15	R.Srinivas	4	B.Rajani,	Comparative Analysis of controller tuning for Multi-area Power Systems	Springer Publishers 2 nd electric Power and Renewable Energy Conference	May 28 th -30 th ,2021	NIT Jamshedpur,India.	978-981-19-0192-8	DOI https://doi.org/10.1007/978-981-19-0193-5_5

				ms Using Swarm Optimization Techniques	EPREC-2021				
16	K.Varalakshmi	4	B.Rajani,	Comparative Analysis of controller tuning for Multi-area Power Systems Using Swarm Optimization Techniques	Springer Publishers 2 nd electric Power and Renewable Energy Conference EPREC-2021	May 28 th -30 th , 2021	NIT Jamshedpur, India.	978-981-19-0192-8	DOI: https://doi.org/10.1007/978-981-19-0193-5_5
17	R.Srinivas	4	Divya Tejasri, Vasamsetti	Blind spot Accidents Avoidance Systems in Automobiles	National conference on Emerging trends in Autotronics and materials NCETAM-2021	8 th July 2021	GITE Rajahmundry		https://doi.org/10.46501/GIETAE13
18	K.Varalakshmi	3	K.Varalakshmi	Study of soft Starter based Induction generator for wind energy conversion	ASIAN conference on innovation in technology	28-29 th Aug 2021	PCCOER Pune India		DOI: 10.1109/ASIANCON51346.2021.9544993

				systems					
19	K.Varalakshmi	3	K.Varalakshmi	Modelling and Control aspects of STATCOM connected to a Grid integrated PV system	Springer Publishers 2 nd electric Power and Renewable Energy Conference EPREC-2021	May 28 th -30 th ,2021	NIT Jamshedpur,India.		https://doi.org/10.1007/978-981-16-9239-0_11
20	Mr.RajeshMuri	2	SubhranshuPadhee	Study the effect of right half plane zero on voltage-mode controller design for Boost converter	Springer Publishers 2 nd electric Power and Renewable Energy Conference EPREC-2021	May 28 th -30 th ,2021	NIT Jamshedpur,India.		https://doi.org/10.1007/978-981-19-0193-5_9

Faculty incharge

HoD