

**Department of Electrical and Electronics Engineering****Academic Year 2020--21****R & D and Consultancy Activities****Research Publications (Conference papers)**

Sl. No.	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	B.Rajani,	2	B.Rajani	Renewable source DC micro grid connected BLDC water pumping system with adaptive control techniques	4 <sup>th</sup> International Conference on Electronics, Communication and Aerospace Technology - ICECA 2020	5-7 <sup>th</sup> November 2020	RVS Technical Campus , Coimbatore,	ISBN:978-1-7281-6387-1	
2	K.Venkateswara Rao	4	B.Rajani	DC Link voltage stabilization in Renewable Source connected DC Micro-Grid using Adaptive	Trends in Industry 4.0 Technically Sponsored IEEE Bombay section 2021[ETI 4.0]	19 <sup>th</sup> -21 may 2021	. OP JINDAL University, Raigarh,Chhattisgarh,INDIA		

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				Sliding mode Controller					
3	Sana Vani	3	Sana Vani	Aerodynamic modelling and analysis of wind turbine	3rdInternational Conference on Computing and Communication (IC3-2020)	13-14 <sup>th</sup> July 2020	Manipal Institute of Technology Sikkim	978-981-15-7394-1	
4	Reddy Ramesh	3	A.S.S.Vijaya lakshmi	Analysis of inverter topologies and control schemes in grid connected photovoltaic module	3rdInternational Conference on Computing and Communication (IC3-2020)	13-14 <sup>th</sup> July 2020	Manipal Institute of Technology Sikkim	978-981-15-7394-1	
5	P Sridhar	5	Sadhanapu	Study of protection, fault and condition monitoring of induction motor	3rdInternational Conference on Computing and Communication (IC3-2020)			978-981-15-7394-1	
6	Vemana U.P. Lavanya	3	Sirisha Lanka	“Performance analysis of VSIfed single-phase induction motor using fixed pulse width	INDISCON 2020	Oct 3 <sup>rd</sup> 2020	Gayatri vidya parishath, vizag	978-1-7281-8734-1	

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				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),			978-1-7281-8876-8	
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 <sup>th</sup> -21 may 2021	. OP JINDAL University, Raigarh, Chhattisgarh, INDIA		
9.	Karri Ravikumar Reddy,	6	Karri Ravikumar Reddy	Solution to Economic Load Dispatch using Ant colony Search based-Teaching Learning Optimization	Emerging trends in industry 4.0 IEEE Bombay section	19 <sup>th</sup> -21 may 2021	OP JINDAL University, Raigarh, Chhattisgarh, INDIA		
10	R Venkatesh,	5	G Chiranjeevi Sai	Study of Selective Harmonic	6th International Conference for			978-1-7281-8876-8	5

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				Elimination Technique in Single-phase Voltage Source Inverter	Convergence in Technology (I2CT-2021),				
11	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 <sup>th</sup> -21 may 2021	OP JINDAL University, Raigarh, Chhattisgarh, INDIA		
12	Koppiseti Prabha Rani	3	other	Design of power conditioning unit for wind energy conversion system using resonant converter	3rd International Conference on Computing and Communication (IC3-2020)	13-14 july 2020	Sikkim, Manipal Institute of Technology	978-981-15-7394-1	
13	B.Rajani,	4	B.Rajani,	Comparative Analysis of controller tuning for Multi-area Power Systems	Springer Publishers 2 <sup>nd</sup> electric Power and Renewable Energy Conference	May 28 <sup>th</sup> -30 <sup>th</sup> , 2021	NIT Jamshedpur, India.		

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				Using Swarm Optimization Techniques	EPREC-2021				
14	R.Venkatesh,	4	B.Rajani,	Comparative Analysis of controller tuning for Multi-area PowerSystems Using Swarm Optimization Techniques	Springer Publishers 2 <sup>nd</sup> electric Power and Renewable Energy Conference EPREC-2021	May 28 <sup>th</sup> -30 <sup>th</sup> ,2021	NIT Jamshedpur,India.		
15	R.Srinivas	4	B.Rajani,	Comparative Analysis of controller tuning for Multi-area PowerSystems Using Swarm Optimization Techniques	Springer Publishers 2 <sup>nd</sup> electric Power and Renewable Energy Conference EPREC-2021	May 28 <sup>th</sup> -30 <sup>th</sup> ,2021	NIT Jamshedpur,India.		
16	K.Varalakshmi	4	B.Rajani,	Comparative Analysis of controller tuning for Multi-area PowerSystems Using Swarm Optimization Techniques	Springer Publishers 2 <sup>nd</sup> electric Power and Renewable Energy Conference EPREC-2021	May 28 <sup>th</sup> -30 <sup>th</sup> ,2021	NIT Jamshedpur,India.		
17	R.Srinivas	4	Divya Tejasri	Blind spot	National	8 <sup>th</sup> July	GITE Rajahmundry		

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			Vasamsetti	Accidents Avoidance Systems in Automobiles	conference on Emerging trends in Autotronics and materials NCETAM-2021	2021			
18	K.Varalakshmi	3	K.Varalakshmi	Study of soft Starter based Induction generator for wind energy conversion systems	ASIAN conference on innovation in technology	28-29 <sup>th</sup> Aug 2021	PCCOER Pune India		
19	K.Varalakshmi	3	K.Varalakshmi	Modelling and Control aspects of STATCOM connected to a Grid integrated PV system	Springer Publishers 2 <sup>nd</sup> electric Power and Renewable Energy Conference EPREC-2021	May 28 <sup>th</sup> -30 <sup>th</sup> , 2021	NIT Jamshedpur, India.		

  
Head of the Department

  
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