

List of Journal Publications (AY: 2019-20)

S. No	AUTHORS	TITLE	JOURNAL	INDEXING	DETAILS
1	Y.R.Tagore, A.R.Vijay Babu, Manoj Kumar. P	Modelling, Simulation and Control of Fuel Cell Powered Laptop Computer Voltage Regulator Module	Elsevier – International Journal of Hydrogen Energy	SCIE (H-index = 187, Impact Factor = 4.229)	Volume-44, Issue-21 PP: 11012-11019
2	Raghavaiah Katuri , G. Srinivasa Rao	Modelling And Simulation of Math Function Based Controller Combined With PID for Smooth Switching Between the Battery and Ultracapacitor	Taylor & Francis – Australian Journal of Electrical And Electronics Engineering	SCOPUS	Volume-16, Issue-3 PP: 163–175
3	Rayudu Mannam, Sreenivasa Rao Gorantla , Nagesh Vangala	A Practical Technique to Measure Transformer Losses in High Frequency SMPS	Springer – SN Applied Sciences	ESCI & SCOPUS	Volume-1, Article number: 227
4	M. Uma Maheswara Rao, K. Mercy Rosalina	Improvement of Transient Stability in Microgrids Using RSFCL With Series Active Power Filter	Springer – SN Applied Sciences	ESCI & SCOPUS	Volume-1, Article number: 1445
5	Raghavaiah Katuri , G. Srinivasa Rao	Modelling and Comparative Analysis of ANN and PID Controllers With MFB Applied to Hess of Electric Vehicle	Springer – SN Applied Sciences	ESCI & SCOPUS	Volume-1, Article number: 1633
6	A.R.Vijay Babu, K.Suresh, G. Srinivasa Rao	Wind Energy Storage System by SOC Balancing Control for a Stand-Alone Windmill	Majlesi Journal of Electrical Engineering	SCOPUS	Volume-13, Issue-2 PP:

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7	K.Rachananjali, R.Srinu Naik	A Grid Connected Modular Multilevel Converter for Photovoltaic Energy Conversion	Mathematical Modelling of Engineering Problems	SCOPUS	Volume-6, Issue-4 PP: 535-540
8	Geetha Reddy Evuri, Dr.G.Srinivasa Rao,Dr.T.Rama subba reddy, Dr. K.Srinivasa Reddy	An Intelligent Fuzzy Controller Based UC/ Battery Operated Plug-in Hybrid Electric Vehicle/E-Car	Journal of Advanced Research in Dynamical & Control Systems	SCOPUS	Volume-11, Issue-6 PP: 418-428
9	Divya Manukonda, Srinivasa Rao Gorantla	Design and Comparison of Standalone Bladeless Wind Solar Hybrid System With The Conventional Standalone Wind Solar Hybrid System	European Journal of Electrical Engineering	SCOPUS	Volume-21, Issue-3 PP: 327-332
10	Raghavaiah Katuri, Srinivasarao Gorantla	Performance and Comparative Analysis of Math Function Based Controller Combined With PID and PI For Smooth Transition of Energy Sources	Journal Europeen Des Systemes Automatistes	SCOPUS	Volume-52, Issue-1 PP: 65-72
11	Raghavaiah Katuri, Srinivasarao Gorantla	A Comparative Study of ANN and PI Controllers Combined With MFB Implemented to Hybrid Energy Storage System for Smooth Switching Between Battery and Ultracapacitor	Journal Europeen Des Systemes Automatistes	SCOPUS	Volume-52, Issue-1 PP: 79-86
12	Raghavaiah Katuri, Srinivasarao Gorantla	Design and Simulation of a Controller for a Hybrid Energy Storage System Based Electric Vehicle	Mathematical Modelling of Engineering Problems	SCOPUS	Volume-6, Issue-2 PP: 203-216

13	Polamraju.V.S. Sobhan, M.SubbaRao, N. Bharath Kumar, A. Sriharibabu	Design of Fuzzy Logic Based Photovoltaic Fed Battery Charging System	Journal of Green Engineering	SCOPUS	Volume-9, Issue-2 PP: 270-281
14	K.Rachananjali, R.Srinu Naik, K.Bala Krishna	Implementation of Modular Multilevel Inverter for Extraction of Wind Energy	Journal of Green Engineering	SCOPUS	Volume-9, Issue-3 PP: 451-461
15	R.Selvam,P.MV enkatesh, M.S hanmugapriya, S.Manisha	An Energy Conservation Opportunity in Paper and Pulp Industry	Journal of Green Engineering	SCOPUS	Volume-9, Issue-4 PP: 475-488
16	Kotapuri Mercy Rosalina and, Kommoju C Srvanathi	Simulation Of Load Redistribution Attack Using YALMIP Software In Electrical Energy Market	Journal of Green Engineering	SCOPUS	Volume-9, Issue-4 PP: 526–539
17	Ch.N.Narasimh a Rao, K.Balakris hna, Y SrinivasaRao, A .Naveen Reddy	Accurate Reactive Power Sharing Using Adaptive Virtual Impedances in an Islanded Micro-Grid	Journal of Green Engineering	SCOPUS	Volume-9, Issue-4 PP: 573–589
18	Ch. Umamaheswar a Rao, A.R.Vijay Babu, B.Mahendar Reddy, Y.Srikanth, A.Naveen Reddy	A Comprehensive Analysis of Energy Consumption Trends and Potential Conservation Strategies of an Educational Institution	Journal of Advanced Research in Dynamical & Control Systems	SCOPUS	Volume-11, Issue-7 PP: 562-570
19	A. Sriharibabu, G. Srinivasa Rao.	A Novel Interleaved Soft Switching Tri- State Boost Converter With	Journal of Advanced Research in Dynamical &	SCOPUS	Volume-11, Issue-5 PP: 459-464

		Low Ripple and High Voltage Gain	Control Systems		
20	A. Sriharibabu, G. Srinivasa Rao.	Comparative Analysis of Two Interleaved DC Boost Topologies With Constant Duty Cycle	Journal of Advanced Research in Dynamical & Control Systems	SCOPUS	Volume-11, Issue-5 PP: 465-471
21	Mutyala Nagababu, R.S. Srinivas, Polamraju.V.S. Sobhan, M.Subbarao	Transient Stability Improvement of Wind Farm Integrated Power System Using STATCOM	International Journal of Engineering And Advanced Technology	SCOPUS	Volume-8, Issue-6S3 PP: 802-805
22	V. Shireesha, R. S. Srinivas, M. Subbarao, Polamraju V. S. Sobhan	Optimal Placement of Distribution Generation to Minimize Losses Using Backward Forward Sweep Method In Distribution System	International Journal of Engineering And Advanced Technology	SCOPUS`	Volume-11, Issue-7 PP: 806-810
23	Shaik GouseBasha, M. Venkatesan	Simulation of Single Phase Transformer-Less Five-Level Inverter for PV Applications	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 570-581
24	Polamraju. V. S. Sobhan, M. SubbaRao, A. Sriharibabu, N. Bharath Kumar	Fast-Converging MPPT Technique for Photovoltaic System Using Synergetic Controller	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 582-592
25	T.Sreelakshmi, A. Naveen reddy, N. Bharathkumar, Ch.Umamahes	Modelling And Analysis of MPPT Technique for PV Array With Non-Separated DC-DC Converter For High	Journal of Mechanics of Continua and Mathematical	ESCI	Volume-14, Issue-6 PP: 593-607

	wararao	Voltage Gain Application	Sciences		
26	K. Sai Janardhan,SK. Sai Baba , P. Amal Joe, A. R. Vijay Babu	Design and Fabrication of UAV for Defence Applications	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 608-622
27	P. Lakshmi Narayana, M Venkatesan	Observability and Redundancy Based PMU Placement at Optimal Location of Power System	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 623-633
28	Y Srinivasa Rao,ChNarsim ha Rao,K Balakrishna,	Capacitor Balancing For MMCC-SSBC Topology With Negative Sequence Current Injection Method	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 634-645
29	Kommoju C Sravanthi,Kota puri Mercy Rosalina	Defence Against Load Redistribution Attacks Considering Load Curtailment	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 646-660
30	Venkatesh P M,Kannan M,Bharath Kumar N, Rao D S N M	Natural Ventilation of Building Using CFD Analysis	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 661-666
31	VenkataSubba Rao. P,G. Srinivasa Rao	Design and Implementation of A Low-Cost Obstacle Avoiding UAV	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 667-677
32	A. Naveen Reddy,K. Bala Krishna,A. Sriharibabu,Ch .Umamaheswa	NPC Inverter Fed DTC of Induction Motor	Journal of Mechanics of Continua and Mathematical	ESCI	Volume-14, Issue-6 PP: 678-689

	rarao		Sciences		
33	A. Sriharibabu,A. Naveen Reddy,P.V.S. Sobhan, M. Subba Rao	High Voltage Gain Interleaved Boost Converter For PV System Applications With a Neural Compensator	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 690-699
34	D. ManikantaSwamy, M. Venkatesan	Performance Evaluation of SPWM Techniques For Single-Phase Five-Level Inverter	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 700-711
35	N. HarshaVardhan Reddy,Y. Srinivasa Rao,K. Rahul Wilson,D. ManikantaSwamy, P. Devi Mani Deepika	Operation And Control of Dual Active H-bridge Based Isolated DC-DC Converter	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 712-723
36	Ch N Narasimha Rao,Bala Krishna K,Rachananjali K,Sravani.V	Unmanned Flying Vehicles For Various Applications and their Future Scope in India	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 747-760
37	Mercy Rosalina K, M Uma Maheswara Rao	Comparison Analysis Of Circuit Breakers With Resistive Type SFCL in Microgrid Protection	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 761-769
38	Rayudu Mannam,Srinivasa Rao Gorantla, NageshVangal	Realizing Soft Switching in Flyback Converter By Appropriate Transformer Design And Comparison With Hard Switched Similar	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 770-784

	a	Converter			
39	Veera BhadraChary.Gade,K.Mercy Rosalina	Positive Sequence Power Flow Analysis Of IEEE 57 Bus Power System using MATLAB-Load Flow Tool	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 785-798
40	NageshVangala,Srinivasa Rao Gorantla, Rayudu Mannam	A Single Stage 1 KW Isolated Single Switch Active Power Factor Corrected Soft Switching AC-DC Converter	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 799-816
41	G. Sirisha, A.R.Vijaybabu, Ch. Umamaheswara Rao, K. Sai Janardhan	Performance Analysis of a Standalone Photovoltaic System Using P&O MPPT Algorithm	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 817-826
42	P. Pothuraju,K.Suresh, P.M.Venkatesh	Design And Implementation of Bidirectional Three Phase DC-AC Converter With e-Chopper For Hybrid Wind-Solar Grid Integrated System	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 827-844
43	K. Rahul Wilson,Y.Srinivasa Rao	Effects of Partial Shading on Different Structure of Solar Photovoltaic Arrays	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 845-854
44	DSNMRao, Ch. PushpaLatha, N. Bharath Kumar, P.M. Venkatesh, P. Jhansi Lakshmi	Oppositional TLBO Algorithm For Optimum Generating Scheduling of Power System Network With Valve Point Loading Effect	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 855-863
45	N Bharath Kumar,DSNM Rao,P.M. Venkatesh,	Design and Analysis of High Gain Chopper With Different Levels of Inverter	Journal of Mechanics of Continua and Mathematical	ESCI	Volume-14, Issue-6 PP: 864-878

	PVS Sobhan		Sciences		
46	Divya Manukonda, Srinivasa Rao Gorantla	Simulation of ANN Based MPPT Fed Bladeless Wind Power Generator	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 879-886
47	Rachananjali K, Bala Krishna K, Sai Chaitanya V	Design and Implementation of Electrical Buggy	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 887-894
48	Bala Krishna K, Rachananjali K, Naveen Reddy A	Surveillance and Intrusion Detection System For Critical Installation	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 895-901
49	S. Saikumar, K. Tharuneswar, N. Naveen, R. Laxman, Ch. Narasimha Rao	Speed Control of Permanent Magnet Synchronous Motor Using Field Oriented Control	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 902-912
50	Geetha Reddy Evuri, Srinivas Rao Gorantla, K. Srinivasa Reddy	Evaluation of Fuzzy Logic and Proportional Integral Controllers For Hybrid Electric Vehicle	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 913-923
51	M. Subbarao, P.V. S. Sobhan, N. Bharat Kumar, A. Srihari Babu	High Frequency Resonant DC/DC Converters	Journal of Mechanics of Continua and Mathematical Sciences	ESCI	Volume-14, Issue-6 PP: 924-937
52	Ch. Umamaheswara Rao, A. Srihari Babu, B. Murali Krishna	Performance Validation of PV- Cell Configurations	Journal of Advanced Research in Dynamical and Control Systems	SCOPUS	Volume-11, Issue-S6 PP: 892-899

	V, P. Sudheer				
53	Geetha Reddy Evuri, G. Srinivasa Rao, T. Ramasubba Reddy, K. SrinivasaReddy	Simulation of Hybrid Electric Energy Storage System (HESS) For Hybrid Electric Vehicle For Power Applications	International Journal of Recent Technology and Engineering	SCOPUS	Volume-7, Issue-5S3 PP: 38-42
54	Sravana Kumar Bali, G.V.Nagesh Kumar, Akanksha Mishra, P.V.S.Sobhan	Optimal Reallocation of Generators using Line Utilization Factor and L-Index with UPFC	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	SCOPUS	Volume-9 Issue-2S3, PP: 140-144
55	Naveen Reddy, Ch. Umamaheswar a Rao, D. Nageswara Rao, P. Sudheer	A Comparative Analysis of Accurate Fault-Location Algorithm by Discrete Fourier Transform (DFT) And Least Error Squares (LES) Technique	Journal of Computational Information Systems	UGC APPROVED	Volume-15, Issue-3 PP: 191-197
56	A. Srihari Babu, Ch. Umamaheswar a Rao, Ch. Jhansi, P. Sudheer	Accurate Fault-Location Algorithm by Least Error Squares (LES) Technique	Journal of Computational Information Systems	UGC APPROVED	Volume-15, Issue-3 PP: 198-202

List of Conferences (AY: 2019-20)

S. No	Name of Faculty	Title	Title of the Conference	Organizing Institution/ University	Year	ISBN Number
1.	Balakrishna K Dr K Mercy Rosalina	Economic study of a Power network for observability analysis using optimal arrangement of PMUs and DULRs	IEEE International Conference on Power and Embedded Drive Control 2019	SSN, Chennai	21-23 Aug 2019	IEEE Xplorer
2.	Dr K Mercy Rosalina	Hybridization of Metaheuristic Algorithms for Optimal Location and Capacity in Radial Distribution System	IEEE International Conference on Power and Embedded Drive Control 2019	SSN, Chennai	21-23 Aug 2019	IEEE Xplorer
3.	Dr G Srinivasa Rao	High Power Single Stage Single Switch Soft Switching AC-DC converter with Power Factor Correction and Isolation	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81-940317-0-3

4.	Dr G Srinivasa Rao	An Elegant Scheme to Realize Soft Switching and Comparison of Soft Switched DCM and Hard Switched CCM Flyback Converters	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81-940317-0-3
5.	Dr G Srinivasa Rao	Simulation of ANN based MPPT fed Bladeless Wind Power Generator	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81-940317-0-3
6.	Dr G Srinivasa Rao	Evaluation of Fuzzy Logic and Proportional-Integral Controllers for Hybrid Electric Vehicle	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81-940317-0-3
7.	Dr G Srinivasa Rao	Design and Implementation of a Low-Cost Obstacle Avoiding UAV	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81-940317-0-3
8.	Dr K Mercy Rosalina	Comparison analysis of Circuit Breakers with Resistive type SFCL in Microgrid protection	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81-940317-0-3
9.	Dr K Mercy Rosalina	"Positive Sequence Power Flow Analysis of IEEE 57 Bus Power System Using Matlab-Load Flow Tool"	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81-940317-0-3

10.	Dr K Mercy Rosalina	Defense against Load Redistribution Attacks Considering Load Curtailment	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
11.	Ch Umamahe swara Rao A R Vijay Babu	"Modelling and Performance Analysis of a Standalone PV System using P&O MPPT Algorithm"	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
12.	P M Venkatesh	Design and implementation of Bidirectional Three Phase DC-AC Converter with e- chopper for Hybrid Wind-solar grid integrated system	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
13.	Dr Y Srinivasa Rao	Effects of Partial Shading on Different Structures of Solar Photovoltaic Arrays	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
14.	Dr D Siva Naga Malleswar a Rao N Bharath Kumar P M Venkatesh	Oppositional TLBO Algorithm for Optimum Generating Scheduling of Power System Network with Valve Point Loading Effect	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
15.	Dr D Siva Naga	A Non-convex Cost Function Based	International Conference on	Vignan's Foundation	8-9 Aug	978-81- 940317-

	Malleswar a Rao P M Venkatesh N Bharath Kumar	Optimal Load Scheduling and Advanced Planning of Generators with Multiple Fuels by Nature Inspired Algorithms	Innovations in Power, Energy and Intelligent Control Systems-2019	for Science, Technology & Research	2019	0-3
16.	N Bharath Kumar P M Venkatesh Dr D Siva Naga Malleswar a Rao	Design and Analysis of High Gain Chopper with different levels of Inverter	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
17.	Rachananj ali K Bala Krishna K	Design of Electrical Buggy	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
18.	Bala Krishna K Rachananj ali K	Surveillance and Intrusion Detection System for Critical Installation	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
19.	Ch N Narasimha Rao	Speed Control of permanent magnet synchronous motor using field oriented control	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
20.	Dr M Subbarao P V S Sobhan N Bharath	Auxiliary High Frequency Resonant DC/DC Converters	International Conference on Innovations in Power, Energy and Intelligent Control	Vignan's Foundation for Science, Technology &	8-9 Aug 2019	978-81- 940317- 0-3

	Kumar		Systems-2019	Research		
21.	Rachananjali K Bala Krishna K Ch N Narasimha Rao	Unmanned Flying Vehicles for Various Applications and their Future Scope in India	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
22.	P V S Sobhan Dr M Subbarao A Srihari Babu N Bharath Kumar	Fast-Converging MPPT technique for Photovoltaic System using Synergetic Controller	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
23.	A Naveen Reddy N Bharath Kumar CH Umamahe swara Rao	Modelling and Analysis of MPPT Technique for PV Array with Nonseparated DC-DC Converter for High Voltage Gain Application	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
24.	A R Vijay Babu	Design and Development of an Unmanned Aerial Vehicle for Defence Applications	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
25.	N Bharath Kumar P M Venkatesh Dr D Siva Naga Malleswar a Rao	Modeling, Analysis and Design of Grid Connected Photovoltaic Systems using Neural Networks	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3

	P V S Sobhan					
26.	Dr Y Srinivasa Rao Ch N Narasimha Rao Balakrishn a K	Capacitor Balancing for MMCC-SSBC Topology with Negative Sequence Current Injection method	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
27.	P M Venkatesh Dr D Siva Naga Malleswar a Rao N Bharath Kumar	Mitigation of Unbalanced Faults in Distribution System using FDSTATCOM with SCESS	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
28.	P M Venkatesh Dr D Siva Naga Malleswar a Rao N Bharath Kumar	Natural Ventilation of Building using CFD Analysis	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
29.	A Naveen Reddy	Salp Swarm Algorithm for solving the Economic Dispatch of Real Power Generation by Considering Generator Constraints	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
30.	A Naveen Reddy Balakrishn	NPC Inverter Fed DTC of Induction	International Conference on Innovations in	Vignan's Foundation for Science,	8-9 Aug	978-81- 940317-

	a K A Srihari Babu Ch Umamahe swara Rao	Motor	Power, Energy and Intelligent Control Systems-2019	Technology & Research	2019	0-3
31.	P V S Sobhan Dr M Subbarao A Srihari Babu N Bharath Kumar	Design of Fuzzy logic based Photovoltaic Based Battery Charging System	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
32.	A Srihari Babu Ch Umamahe swara Rao Dr M Subbarao P V S Sobhan	A Novel MPPT Technique for Photovoltaic Module Based on Resistance Matching	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
33.	A Srihari Babu A Naveen Reddy Dr M Subbarao P V S Sobhan	High Voltage Gain Interleaved Boost Converter for PV System Applications with a Neural Compensator	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3
34.	Dr M Subbarao	An Improved Denoising of Medical Images Based on Hybrid Filter Approach and Assess Quality	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81- 940317- 0-3

		Metrics				
35.	Dr K Mercy Rosalina	A Novel meta heuristic Gases Brownian Motion Optimization Algorithm for Optimal Allocation of type-1 DG units in a radial distribution systems	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81-940317-0-3
36.	Dr Y Srinivasa Rao	Operation, design and control of isolated DAB converter	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81-940317-0-3
37.	Ch Umamahe swara Rao A R Vijay Babu A Naveen Reddy A Srihari Babu	Implementation of DSP based optimal power analyzer: A Case Study	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81-940317-0-3
38.	P V S Sobhan Dr M Subbarao	Transient stability improvement of wind farm integrated power system using STATCOM	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81-940317-0-3
39.	P V S Sobhan Dr M Subbarao	Optimal Placement of Distribution Generation to Minimize Losses using Backward Forward Sweep Method in	International Conference on Innovations in Power, Energy and Intelligent Control Systems-2019	Vignan's Foundation for Science, Technology & Research	8-9 Aug 2019	978-81-940317-0-3

		Distribution System				
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