



St. JOSEPH'S COLLEGE OF ENGINEERING

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Department of Electrical and Electronics Engineering

STAFF PUBLICATIONS
(Academic Year-2016-2017)



PUBLICATIONS

S.No	Dept.	Author(s)	Article title	Journal name	Journal ISSN No	Year & Month	Vol no.	Page span	DOI	Impact factor	Database (Web of Science/ Scopus/ SCI indexed/ SCI expanded/ UGC)
1	EEE	Uma Velayutham, Lakshmi Ponnusamy, Gomathi Venugopal	Minimization of cost and congestion management using Interline power flow controller	*International Journal for computation and Mathematics in Electrical and Electronics Engineering	ISSN 0332-1649	Sep-16	Vol. 35, No. 5,	pp1495-1512.		0.43	scopus
2		N.Chidambaraj, K.Chitra	Relieving Congestion and minimizing cost by appropriate allocation of UPFC device in a	*Sylwan	ISSN 0039-7660	Nov-16	Vol.160, No.11	103-122		0.41	scopus

			deregulated market using metaheuristic algorithm								
3		B. Vasudevan, Sivasubramanian, M. Ramesh Babu	Optical Study On Er-Yb Co-Doped Boro-Tellurite Glasses For Optical Amplifiers	*Journal Of Optoelectronics And Advanced Materials	ISSN1454 - 4164	Jan 2017	Vol 19, No 1-2	pp11-15		0.383	scopus
4		Chamundeeswari Seyazhi R	Comparative Analysis of analog and Digital controllers for negative output superlift Luo Converter	Circuits and Systems		Jul-16	Vol 7,	pp 1689-1700	http://dx.doi.org/10.4236/cs.2016.78146		scopus
5		Chamundeeswari Seyazhi R	An Approach towards Pulse Data Transmission using modified Negative Luo converter for telecoms	Circuits and Systems		July 2016	Vol 7	p 2712-2728	http://dx.doi.org/10.4236/cs.2016.78146		scopus

6		M. Ramesh Babu,S. ArunachalamP. Somasundaram	Multi-objective risk constrained self-scheduling of the Gencos for the correlated deregulated markets	Journal of Electrical Engineering		Jan-17	Vol. 18			-	scopus
7		Kavitha. M,Christilda Nancy	Bifurcation analysis of buck boost converter using symbolic sequence method and complexity measures	Journal of Electrical Engineering	ISSN No 1582-4594	Sep 2016	Vol 16,No.4	pp 310-320		-	scopus
8		TD Sudhakar,TV Narmadha,M.R ajarajan	Modelling and simulation of distribution network with the integration of Distribution Generator using MATLAB	Indian Journal of Science and Technology	ISSN 09746846	Mar-16	Vol 9, No.12	pp- 1-7	10.17485/ijst/2016/v9i12/89947	-	scopus
9		TD Sudhakar,K.N. Srinivas	Grid connected inverter using fused converters	International Journal of Power Electronics	ISSN 2088-8694	Mar-16	Vol.8 ,No 1,	pp1-8	https://doi.org/10.1504/IJPEL.2016.081830	-	scopus
10		S.Karthick,J.Johndavidraj,S.Divya	Model Predictive Control based MPPT Using Quasi Admittance converters for	International Journal Of Electrical Engineering	ISSN 2321-600X	Mar-17	Vol. 5,No.3,	pp1-8		-	scopus

			photovoltaic system								
11		TV Narmadha, TD Sudhakar J Velu,	Comparison of Performance Measures for PV based Super-Lift Luo-Converter using Hybrid Controller with Conventional Controller	Indian Journal of Science and Technology	ISSN 0974-6846	Aug 2016	Vol 9, Issue 29	pp 1-9	10.7485/ijst/2016v9i29/89937	-	scopus
12		Chilambarasan, M.Rameshbabu	Simulation and comparison of cuk-Sepic and Cuk-Buck Fused converter Topologies	Australian Journal of Basic Applied Sciences	ISSN 1991-8178	Mar-16	Vol.10, Special Issue No.5	pp 103-110		-	scopus
13		Anith H LHariharan CBS P Vedavalli	Bidirectional DC - DC converter for energy storage system	International Journal of Advanced Research in Management, Architecture, Technology and Engineering (IJARMATE)		Apr-17	Vol.3, Special Issue No. 14	pp 1-7	10.20256/IJARMATE.2017.03S1404008	-	scopus

14		Kavitha. M, Christilda Nancy	Analysis of bifurcation in voltage mode control buck converter using symbolic sequence	International journal of control theory and applications	ISSN No 0974-5572	Sep 2016	Vol.1082,			-	scopus
15		D.Milanthamin net, N.Chidambaraj, A.Faustina	Congestion Management in a deregulated System with Market Analysis using DEKH Algorithm	International Journal of technical Research and applications	ISSN 2320- 8163	,Oct 2016,pp 105-110,	Vol.4, No. 5			-	scopus
16		R.G.Nirmala,S. SudhaMerlin	An Interleaved High-Power Fly back Inverter for Photovoltaic Applications	International Journal and Magazine of Engineering, Technology, Management and Research	ISSN2348- 4845			pp 432- 438		-	scopus
17		Jannath Nisha HJeswin Maria CinthiaSreekan th R	Analysis of voltage stability and damping of electromechanical oscillations using FACTS controller in an integrated system	International Journal of Science and innovative Engineering and Technology		May-17	Volume 3				scopus

18		C.Preethy,TV Narmadha	A Dual stage MPPT based SEPIC converter for Battery Charging Unit	Middle-East Journal of Scientific Research	ISSN1990- 9233	Jun-17	Vol 25, Issue No 4	pp 843- 848	10.5829/i dosi.mejs r.2017.84 3.848	-	scopus
19		P Mangaiyarkara siM Ramesh Babu,	ABC Based Solution for the Optimal Location of Capacitors in a Radial Distribution System	Middle-East Journal of Scientific Research	ISSN 1990- 9233	June 2017	Vol 25, No 4	pp 837- 842	10.5829/i dosi.mejs r.2017.83 7.842	-	scopus
20		A Angela sherillM Ramesh Babu,	Synchronization Control of Grid Connected Photovoltaic System	Middle-East Journal of Scientific Research	ISSN 1990- 9233	Jun-17	Vol 25, No 4	pp 864- 870	10.5829/i dosi.mejs r.2017.86 4.870	-	scopus
21		P Thenmoahi, Chilambarasan, M Ramesh Babu	Design of PV Based Dual input SEPIC Converter for Uninterrupted Power Supply	Middle-East Journal of Scientific Research	ISSN 1990- 9233	Jun-17	Vol 25, No 4	pp 849- 854	10.5829/i dosi.mejs r.2017.84 9.854	-	scopus
22		S. SivasankariN. Chidambararaj	Generation Rescheduling Based Congestion Management in Restructured Power System	Middle-East Journal of Scientific Research	ISSN 1990- 9233	March 2017	Vol.25,N o.4,	pp 859- 863	10.5829/i dosi.mejs r.2017.85 9.863	-	scopus
23		K.Geetha,R.Ela nthiriyen	Design and Simulation of Step-Up Hybrid Converter for	Middle-East Journal of Scientific Research	ISSN 1990- 9233	Mar-17	Vol.25,N o.4,	pp 855- 858	10.5829/i dosi.mejs r.2017.85 5.858	-	scopus

			Dual Applications for Solar								
24		S.PavithraK.Aravindhan	Optimal Placement of SSR Damping Controller for Sub-Synchronous Resonance Phenomenon	Middle-East Journal of Scientific Research	ISSN 1990-9233	March 2017	Vol.25, No.4,	pp 871-874	10.5829/i-dosi.mejsr.2017.871.874	-	scopus

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Sl. No	Publication details (Authors, Title, Journal, Volume, Issue, Pages, Year, ISSN, (DOI) etc.	H- index (Scopus)	UGC Approved Journal number
1.	C.Preethy, T.V.Narmadha A MPPT Hybrid SEPIC Converter for Battery Charging Unit , Proceedings of the international conference on science, technology, engineering and management, ICONSTEM 2017, March 2017 ISBN 978-93-84695-77-6.	-	-
2.	GokulaPriya, JayaramaPradeep Power factor correction circuit for direct torque control PMSM drive, Proceedings of the international conference on science, technology, engineering and management, ICONSTEM, M 2017 ISBN 978-93-84695-77-6	-	-

3.	P Thenmoahi, M Chilambarasan, M Ramesh Babu Solar Based Uninterrupted Power Supply Using Multi-Input SEPIC converter, Proceedings of the international conference on science, technology, engineering and management, ICONSTEM 2017, March 2017 ,pp 42-47 ISBN 978-93-84695-77-6	-	-
4.	Geetha K Elanthiriyar Derived Step-Up Hybrid Converter for concurrent DC And AC with Solar Panel, Proceedings of the international conference on science, technology, engineering and management, ICONSTEM 2017, March 2017 pp 47-50 ISBN 978-93-84695-77-6	-	-
5.	A.R.Harikrishnan, K.Mohanadasse, T.D.Sudhakar An Investigation on Relay Coordination During OverCurrent Faults in MICROGRID System, Proceedings of the international conference on science, technology, engineering and management, ICSTEM 2017, March 2017	-	-
6.	Johnnie Hepziba, H.Prasad,DrT.D.Sudhakar Power Quality Monitoring on Grid Connected System, Proceedings of the international conference on science, technology, engineering and management, ICSTEM 2017, March 2017	-	-
7.	S.Sivasankari, N.Chidambararaj Congestion Management in a Deregulated Market Based on Generation Rescheduling using Particle Swarm Optimization, Proceedings of the international conference on science, technology, engineering and management, ICONSTEM 2017, March 2017 ISBN No 978-93-84659-77-6	-	-
8.	P M Ajith Marshall, C Venkaatesh Kumar, M Ramesh Babu ,Economic Power Dispatch of Micro Grid Using Multi-Objective Optimization, proceedings of the international conference on science, technology, engineering and management, ICONSTEM 2017, March 2017, ISBN No 978-93-84659-77-6	-	-

9.	A Angela sherill, M Ramesh Babu Synchronization Control of Grid Connected Photovoltaic System, proceedings of the international conference on science, technology, engineering and management, ICONSTEM 2017, March 2017 pp65-70 978-93-84659-77-6	-	-
10.	LeelaDevi, R.Manimegalai Optimal design of microgrid for loss minimization, proceedings of the international conference on science, technology, engineering and management, ICONSTEM 2017, March 2017 978-93-84659-77-6	-	-
11.	P Mangaiyarkarasi , M Ramesh Babu ABC based solution for the optimal location of capacitors in a radial distribution system, proceedings of the international conference on science, technology, engineering and management, ICONSTEM 2017, March 2017 ,pp 23-29978-93-84659-77-6	-	-
12.	P Mangaiyarkarasi, M Ramesh Babu Minimization of Power Losses using Gentic Algorithm Proceedings of the 2nd International Conference on Recent Trends in Engineering and Technology,5th May, 2017	-	-
13.	.A Angela sherill , M Ramesh Babu Solar Based Automatic Irrigation System, Proceedings of the 2nd International Conference on Recent Trends in Engineering and Technology,5th May, 2017	-	-
14.	M.Sathishbaboo,R.Chandru, K.Vanitha Microcontroller based consumer end energy consumption control from substation using PLCC, proceedings of the international conference on science, technology, engineering and management, ICONSTEM 2017, March 2017 ,pp 357-362,978-93-84659-77-6	-	-

15.	Monica. N, H.Umeshprabhu Life saving health band (L.S health band), Fifth International Conference On Contemporary Engineering And Technology 2017, March 2017	-	-
16.	Kumarasubramanian. K, Goldwin Xavier.X, Mary Nishanthi Experimental Investigation on Electromagnetic clutch water pump and pneumatic compressor for improving the efficiency of an engine, Proceedings of the 2nd international conference on "Frontiers in automobile and Mechanical Engineering (FAME 2016), July 2016	-	-
17.	U.Jayashree, R.H.Pearl Nightingale, S.Divya Comparison of P&O and Incremental conductance MPPT techniques for zeta converter, IEEE Third International Conference on Science Technology Engineering and Management, March 2017 Pp183, ISBN no.978-93-84659-77-6	-	-
18.	P.Raaghave T.V Narmadha Modelling of PV array by a series resonant DC DC converter proceedings of the international conference on science, technology, engineering and management, ICSTEM-133 March 2017	-	-
19.	Jannath Nisha H Jeswin Maria Cynthia Sreekanth K Analysis of voltage stability and damping of electromechanical oscillations using FACTS controller in an integrated system, International conference on Science and Innovative Engineering, Vol 3 April 2017 ISBN 978-81-904760-9-6	-	-
20.	Christilda Nancy, SrujanaEphrin E Experimental Analysis Of Motor Current Signature Analysis For Stator And Bearing Fault In Induction Motors, International Conference On Innovative And Emerging Trends In Engineering And Technology, Jun 2016	-	-

of of	21.	V.Chamundeewari PSO-PID Maximum power point tracking controller using modified superlift Luo converter, 1st International Conference on Power Engineering, Computing and Control, PECCON – 2017, March 2017, ISBN 1876-6102	-	-	Total no staffs: 42 Total no
	22.	M.Sumitha, T.V.Narmadha A Novel Buck-Boost Converter fed Induction Motor Tolerant to Dead-Time, 1st International Conference on Power Engineering, Computing and Control, PECCON – 2017, March, 2017 ISBN 1876-6102	-	-	
	23.	J.J.C.Philominna R.Kotteeswaran Performance Evaluation Of PID Controller For Heavy Duty Gas Turbine, proceedings of the international conference on science, technology, engineering and management, ICONSTEM 2017 March 2017 978-	-	-	
	24.	R.Kotteeswaran Performance Analysis of heavy duty gas turbine using Cuckoo search and firefly algorithm based PI controller 2 nd International Conference on recent trends in Engineering and Technology, Pp 11-12 May 2017	-	-	
	25.	Monica. N, H.Umeshprabhu Life saving health band (L.S health band) National Conference on Innovation in Engineering and Technology, March 2017	-	-	

publications: 23+8+25 = 56

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