



St. JOSEPH'S COLLEGE OF ENGINEERING

(St. Joseph's Group Of Institutions)
OMR, CHENNAI -600 119

Department of Electrical and Electronics Engineering

STAFF PUBLICATIONS
(Academic Year-2015-2016)



PUBLICATION:

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	K. Mohanadasse, Sharmeela, D. Edison Selvaraj	An innovative solution for the power quality problems in Induction motor by using Silica and Alumina nano fillers mixed enamel for the coatings of the windings	Journal of Electrical Engineering and Technology	ISSN:2093-7423	Aug-15	Vol.10, No.4	pp1621-1625	http://dx.doi.org/10.5370/JEET.2015.10.4.1621	0.679	scopus
2		N M RamyaM.Ramesh Babu,S.Arunchalam	Stochastic unit commitment problem incorporating renewable energy power	Springer		Aug-15			10.1007/978-3-319-20294-5_59		scopus
3		S.ArunachalamM.Ramesh BabuT.Agnes	Hybrid Particle swarm optimization algorithm and firefly algorithm	Springer		Aug-15	Pp 647-660		10.1007/978-3-319-20294-		scopus

		Bhomila	based combined Economic and Emission Dispatch including valve point effect						5_56		
4		JayaramaPradeepE. Snekh	Comparative analysis of PI and FUZZY –PI based PMSM using vector control	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Aug-15	Vol 10,No 66,	pp 410-415			scopus
5		Nuthalapathi Mani DeepikaPrasanthi,Jayarama Pradeep	Performance Analysis of PMSM using Direct Torque Control	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Aug-15	Vol 10,No 66,	pp 228-231			scopus
6		P. AmrittaM. RameshBabu	Reconfiguration for loss reduction and sensitivity analysis for simultaneous optimal placement of FC banks and DG in radial distribution network	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Aug-15	Vol 10,No 66,	pp 171-174			scopus
7		A.ApthiJoshvaJ.Subash Kumar, M.RameshbabuS.Arunachalam	Optimal placement of distribution Generator to maximize the net savings of the Distribution network	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Aug-15	Vol 10,No 66,	pp164-169			scopus
8		R.KotteswaranL.Sivakumar	Coal Gasifier Control- A Heuristic Algorithm based optimization Approach	Australian journal of Basic and Applied Sciences	ISSN:1991-8178	Mar-16	10(5),	pp 161-167			scopus

9	S.V Subhasree,R. Koteeswaran	Modelling and control of polymer Electrolyte Membrane Fuel cell	Indian journal of science and technology	ISSN:0973-4562	Mar-16	Vol 9(13)	pp1-7	10.17485/ijst/2016/v9i13/89943	scopus
10	Dr. T. D. Sudhakar A V Vigneswaran	Soft Start Methods Of DC Motor Fed By A PV Source	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Sep-15	Vol. 10 No.66,	pp 160-163		scopus
11	V.Keerthana, A V Vigneswaran T. D. Sudhakar	Design and implementation of water pumping system using SEPIC converter	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Sep-15	Vol. 10 No.66,	pp 117-120		scopus
12	Velayudham, K.Sivakumar, T.D Sudhakar	Design of H6 transformer less full bridge grid tied inverters	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Sep-15	Vol. 10 No.66,	pp 251-256		scopus
13	M.Rajarajan T .D. Sudhakar , N. C. Lenin	Implementation Of Single Phase Matrix Converter	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Sep-15	Vol. 10 No.66,	pp 142-146		scopus
14	N. Chidambararaj K. Chitra	Congestion Management Based On Active Power Rescheduling Of Generator units using Bacterial Swarming algorithm	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Sep-15	Vol. 10 No.66,	pp 106-111		scopus

15	C. Rajmohan , V. V.Chamundeeswari	Modeling and Simulation of Wind Energy based Negative Output Super-Lift Luo Converter	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Sep-15	Vol. 10 No.30				scopus
16	V.Uma, P.Lakshmi , V.Gomathi, R.Manimegalai	Congestion Management in Electricity Market by Demand Response Program	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Sep-15	Vol.10, No. 66,	pp 215-221			scopus
17	C Arunachalam, Uma Velayutham	Minimization of Load Forecast Uncertainty for Reliable Supply	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Sep-15	Vol. 10 No.66,	pp 154-159			scopus
18	V.Uma, P.Lakshmi , V.Gomathi, R.Manimegalai	Congestion Management in Electricity Market by Demand Response Program	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Sep-15	Vol. 10 No.66,	pp 414-419			scopus
19	Nisha.VR.Elanthirayan	PV based cascaded SEPIC converter for battery charging	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Sep-15	Vol. 10 No.66,	pp 174-178			scopus
20	P.Dhanwanthi, R.Elanthirayan	Resonant boost converter for PV based pumping application	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Sep-15	Vol. 10 No.66,	pp 187-192			scopus

21	Mr. V.Ajay Mr. P.ReynordMr. R. Sreekanth	A Stability Analysis For Grid Connected Wind Farm With Battery	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Sep-15	Vol. 10 No.66,	pp 232-235			scopus
22	P.Sharly Sophia , R.Sreekanth	A Probability Based Approach for Unit Commitment and Economic Dispatch in Powered Microgrids	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Sep-15	Vol. 10 No.66,	pp 404-409			scopus
23	V.Brindha,S.P Vedhavalli	Quasi Z Source Inverter for Consumer Application	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Sep-15	Vol. 10 No.66,	pp 240-244			scopus
24	Gnanavadivel. JDevapriya.R, SenthilKumar .N, S.T.Jayachrist a	Performance Investigation of Fuzzy Controller, PI Controller and Hysteresis Current Controller Based Three - Phase AC-DC Boost Converter	International Journal Of Applied Engineering Research(IJAER)	ISSN:0973-4562	Sep-15	Vol. 10 No.66,	pp 276-283			scopus
25	Mr.H.PrasadT .D.Sudhakar	Harmonic Analysis and simulation of Shunt Active for 3 phase Induction motor power Backup system using MATLAB/SIMULINK	Middle-East Journal of Scientific Research	ISSN:1990-9233	Sep-15	Vol.23No.7,	pp1461-1469			scopus

CONFERENCE:

Sl. No	Publication details (Authors, Title, Journal, Volume, Issue, Pages, Year, ISSN, (DOI) etc.	H- index (Scopus)	UGC Approved Journal number
1.	JayaramaPradeep R. Devanathan Internal Model Control of Permanent Magnet Synchronous Motor using Discrete Event systems, 18th International Conference on Electrical Machines and Systems, Thailand , ISBN: 978-1-4799- 8805-1/15. Oct 2015. 1009/ICEMS.2.11015.7385114	-	-
2.	R.Kotteswaran , Modelling of 500W PEM Fuel cell,1 st International conference on Control, Computing and Embedded System, Jan 2016, ISBN 978-981-10-1645-5	-	-
3.	R.Kotteswaran Coal gasifier control a heuristic algorithm based organization approach,2 nd International Conference on Intelligent Computing and Applications, Feb 2016 ISBN 981-10-1645-5	-	-
4.	Uma V,K. Krithika Congestion management by demand response programs Proceedings International Conference on science , technology , Engineering and Management-16 March 2016 chennai/Tamilnadu,856- 864	-	-

5.	M.RameshBabu, M.Lakshmi Gravitational Search Algorithm Based Approach for optimal Reactive Power Dispatch, Proceedings International Conference on science , technology , Engineering and Management-16, March 2016 chennai/Tamilnadu, 793-800	-	-
6.	V. Chamundeeswari Comparative Analysis of Analog and Digital Controllers for Negative output Superlift Luo converter (NOSLC),3 rd International Conference on Engineering Technology and Science, March 2016	-	-
7.	J. Binitta Robin V. Chamundeeswari Modelling Analysis and control of Improved negative output superlift luo converter using PI controller, Proceedings International Conference on science , technology , Engineering and Management-16, March 2016 chennai/Tamilnadu,1619-1626, DOI: 10.1109/ICONSTEM.2016.7560865	-	-
8.	Anandhi V. Chamundeeswari Implementation of photovoltaic based improved negative output selflift luo converter using particle swarm optimization, Proceedings International Conference on science , technology , Engineering and Management-16, March 2016 chennai/Tamilnadu,1627-1635, DOI: 10.1109/ICONSTEM.2016.7560975	-	-

Book Chapters published:

Sl.no	publications		
1	N M Ramya M.Ramesh Babu, S.Arunachalam Stochastic unit commitment problem incorporating renewable energy power, Springer, Pp 686-696 Aug 2015		
2	S.Arunachalam M.Ramesh Babu T.AgnesBhomila Hybrid Particle swarm optimization algorithm and firefly algorithm based combined Economic and Emission Dispatch including valve point effect, Springer, Pp 647-660 Aug 2015		

Total no of staffs: 37

Total no. of publications: 34 (1+23+8+2)

HOD/EEE