



St. JOSEPH'S COLLEGE OF ENGINEERING

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Department of Electrical and Electronics Engineering

STAFF PUBLICATIONS
(Academic Year-2014-2015)



UGC Journals:

Sl. No	Publication details (Authors, Title, Journal, Volume, Issue, Pages, Year, ISSN, (DOI) etc.	UGC Approved Journal number
1	Jayarama Pradeep R.Devanathan Adoption of Park's transformation for inverter fed drive, International journal of power electronics and drive systems, Vol5, No.3, pp366-373 Apr 2015	23349
2	R. Sujatha, M. Chilambarasan M. Ramesh Babu Design And Simulation Of Fused Luo Converter, ARPN Journal of Engineering and Applied Sciences, Vol. 10, No. 8,pp 3717-3720 May 2015	8551
3	Chidambararaj, K. Chitra A Combined Congestion Management Technique For Rescheduling Of Optimal Active Power Of Generator Units, Journal Of Theoretical And Applied Information Technology, Vol 67, No 3, 626-636 Sep 2014	11368

SCI & impact factor Journals:

Sl. No	Publication details (Authors, Title, Journal, Volume, Issue, Pages, Year, ISSN, (DOI) etc.	Impact factor (SCI)	H- index (Scopus)
1	V.GaneshSampath, R.Elavarasan ,Dr.N.C.Lenin Dr.R.Arumugam A novel Skewed linear Switched Reluctance Motor-Analysis and Design, Applied Mechanics and Materials, Vol.787,pp-874-877 Feb (2015),10.428/www.scientific.net/AMMM.787.874	-	26
2	V.GaneshSampath, R.Elavarasan Dr.N.C.Lenin Dr.R.Arumugam Design and Experimental verification of Linear Switched Reluctance motor with Tapered Poles, Applied Mechanics and Materials, Vol.787 Pp-878-882 Feb(2015),10.428/www.scientific.net/AMMM.787.878-	-	26
3	Chilambarasan, M.RameshBabu M.Lathadevi Design And Simulation Of Selflift Positive Output Luo Converter Using Incremental Conductance Algorithm For Photovoltaic Applications, Applied Mechanics And Materials ,Trans Tech Publication Switzerland, Vol.622,pp-51-58 Aug, 2014,10.4028/www.scientific.net/AMM.622.51	-	26

4	Jayarama Pradeep R.Devanathan Adoption of Park's transformation for inverter fed drive, International journal of power electronics and drive systems, Vol5, No.3, pp366-373 Apr 2015	-	11
5	Jayarama Pradeep Snekha E Dynamic Mathematical Modelling of PMSM and Parametric Sensitivity Analysis Using Vector Control, International journal of applied engineering research Vol 10, Special Issue No 9, pp7502-7506 Apr 2015	-	35
6	Jayarama Pradeep , .R.Devanathan Modeling Inverter-Machine Drive Using Discrete Event System Approach, International Journal Of Applied Engineering Research(IJAER), Vol9, No. 23,pp18807-18821,Sep, 2014	-	35
7	R.Kishore, R.Durga Prasad Jayarama Pradeep A Power Oscillation Damper for a variable speed wind generator, International Journal Of Applied Engineering Research(IJAER), Vol 10. Special Issue No 66,Pp 236-239Apr 2015	-	35
8	K. Mohanadasse, C. Sharmeela& D. Edison Selvaraj Harmonic Reduction in Single Phase Induction Motor by Coating SiO ₂ and Al ₂ O ₃ Nano Filler Mixed Enamel to the Stator Windings of the Single Phase Induction Motor, International Journal Of Applied Engineering Research(IJAER), Vol.10, No.5, pp11649-11659 May 2015	-	35
9	Maris Anto.M H.UmeshPrabhu Analysis With PWM Control of Cuk and Boost Dual Input Dual Output Dc-Dc Converter, International Journal Of Applied Engineering Research(IJAER), Vol. 10 No.66,pp 247-250 Apr 2015	-	35
10	R. Sujatha, M. Chilambarasan	-	17

	M. Ramesh Babu Design And Simulation Of Fused Luo Converter, ARPN Journal of Engineering and Applied Sciences, Vol. 10, No. 8,pp 3717-3720 May 2015		
12	Dr. T. D. Sudhakar Sensitivity Factor Based Optimal Location of SVC on Transmission Network, Indonesian Journal of Electrical engineering, Vol 12, pp 4915-4923 Issue No 7 July 2014,10.11591/telkomnika.v12i7.3393	-	6
13	K. Mohanadasse, C.Sharmeela& T. D. Sudhakar Filters for Power Quality Improvement, Australian Journal of Basic and Applied Sciences, Vol.9, No.2, pp 81-93 Feb 2015	-	24
14	K. Mohanadasse, C.Sharmeela D. Edison Selvaraj .Investigation of Dielectric Properties of the Polyamide Enamel Filled with Micro and Nano Fillers of SiO ₂ and Al ₂ O ₃ Used in Induction Motors to Reduce Harmonics, Middle-East Journal of Scientific Research, Vol.23,No.4, pp712-721, April 2015,10.5829/idosi.mejsr.2015.23.04.22142,	-	41
16	V.Chamundeeswari, R Seyezhai Digital control for negative output superlift luo converter using ARM processor, International Journal Of Applied Engineering Research(IJAER), Vol 9 No 24 ,2014 Pp 8032-8035	-	35
17	V.Chamundeeswari, R Seyezhai Design, Control and Implementation of High gain Negative output relift DC-DC converter for photovoltaic applications, Advances in Natural and Applied Sciences,8(21) Special 2014 Pp 30-36	-	16
19	Chidambararaj, K. Chitra A Combined Congestion Management Technique For Rescheduling Of Optimal Active Power Of Generator Units, Journal Of Theoretical And Applied Information Technology, Vol 67,No 3,626-636 Sep 2014	-	20

CONFERENCE:

Sl.no	Publication details (Authors, Title, Journal, Volume, Issue, Pages, Year, ISSN, (DOI) etc.	H- index (Scopus)	UGC Approved Journal number
1.	Snekha E, JayaramaPradeep Dynamic Mathematical Modelling of PMSM and Parametric Sensitivity Analysis Using Vector Control, International Conference on Engineering Technology and Science, Mar,2015,India,	-	-
2.	Nimitha Rose Peter,M.RameshBabu,Fuzzy based energy management system for Polygeneration Microgrid, International conference on Information Communication and Embedded Systems, Vol 1,Dec, 2014,India, 1-7,ISBN 978-1-4799-3834-6/14	-	-
3.	Dr.M.RameshBabu, Chinchu Sabu Nash Equilibrium Bidding strategies in a pool based electricity market , International conference on Circuit, Power and Computing technologies. Dec 2014,India, Dec 2014,India,978-1-4799-2397-7/14	-	-
4.	A.Apthi Joshva Dr.M.RameshBabu A study of voltage profile impact of distributed generators in radial distribution system, International Conference on Electrical, Electronics and computer Engineering , International Conference on Electrical, Electronics and computer Engineering,164-168	-	-
5.	V.chamundeeswari,Dr.R.Seyezhai Digital Control For Negative Output Superlift Luo Converter Using Arm Processor, International Conference On Emerging Electrical Systems And Control, Vol.1,Issue 1 Dec 2014,India	-	-

6.	V.Chamundeeswari C.Rajamohan ,Design, Control and Implementation of wind energy based Negative output super-lift Luo converter , Proceeding of the International conference on Sustainable Energy Resources, Materials and Technologies, Jan 2015	-	-
7.	V.Chamundeeswari Dr.R.Seyezhai Design, Control And Implementation Of High Gain Negative Output Re-Lift DC-DC Converter For Photovoltaic Applications, Proc. Of The International Conference On Electrical Electronics Instrumentation And Computer Communication,Vol no 8, Dec 2014,India, 252-265	-	-
8.	V.Chamundeeswari Dr.R.Seyezhai Analysis and experimentation of photovoltaic(PV) based negative output superliftluo converter(NOSLC), International conference on trends and technology , Apr 2015 India for convergence TITCON	-	-
9.	N.Chidambaraj Optimal Active power rescheduling of generators for congestion management using new definition of sensitivity, International Conference on Recent Research in Engineering, March 2015 India	-	-
10.	R. Sujatha, M. Chilambarasan M. Ramesh Babu Design And Simulation Of Fused Luo Converter, International Conference on Innovations in Information,Embedded and Communication Systems , Mar 2015 978-1-4799-6816-9 India	-	-
11	R.Kishore,R.DurgaPrasad,R.Sreekanth JayaramaPradeep A Power Oscillation Damper for Variable Speed Wind Generator, Emerging Trends in Electrical Engineering, April 2015,India,163-170.	-	-
12	Nuthalapathi Mani DeepikaPrasanthi, JayaramaPradeep Performance Analysis of PMSM using Direct Torque Control, Emerging Trends in Electrical Engineering, April 2015India,153-159	-	-

13	K.J krishnanand, C.Baskaran Fuel cost function for economic load dispatch using particle swarm optimization algorithm, Trends in Electrical Engineering Emerging, April 2015India,46-52	-	HOD/EEE -
14	V.Keerthana, A.V Vigneswaran, T D Sudhakar Design and implementation of water pumping using SEPIC converter, Emerging Trends in Electrical Engineering, April 2015India, Emerging Trends in Electrical Engineering,32-37	-	-
15	Velayudham, T D Sudhakar Design of H6 transformerless full bridge grid tied inverters, Emerging Trends in Electrical Engineering, April 2015India, 192-197	-	-
16	Ajay V, Reynord P Sreekanth R A Stability analysis for grid connected wind farm with Battery, Emerging Trends in Electrical Engineering, April 2015India,159-162	-	-
17	T. Bhavatharini Dr.S.Arunachalam Dr.M.RameshBabu Solution of Combined Emission and Economic Dispatch including valve point constraints using firefly algorithm, National conference on smart grid and renewable energy sources, Mar, 2015 India,372-379	-	-
18	V.Varsha, Dr.S.Arunachalam,Dr.M.RameshbabuCalculation of LMP using DCOPF by incorporating ac power flow based transmission loss factor , National conference on Smart grid and Renewable Energy Sources,Mar 2015, 367-372	-	-

Total no of staff: 36

Total no of publications: 40 (3+19+18)

HOD/EEE