

List of Journal Publications Academic year 2016-17

Sl. No	Name of Faculty	Title	Journal	Indexing	Month	Year	ISSN. No
1.	SandeepManda, Siva Sankar G, Bala Krishna K MoturuBindu	Power System State Estimation Using Minimal Placement of Phasor Measuring Units	IJCTA	Scopus	September	2016	0974-5572
2.	K. Mercy Roslina, V. Havishma Amrutha Shaik Riyaz	Statcom Controlled Grid Connected Wind Generated System for Improvement in Power Quality	IJCTA	Scopus	September	2016	0974-5572
3.	DrG.SrinivasaRao A.R.VijayBabu	Effect of design and operating parameters on the performance of planar and ducted cathode structures of an Air breathing PEM fuel cell	Arabian Journal for science and Engineering, Springer publisher	SCIE & Scopus	September	2016	2193-567X
4.	A.Sriharibabu, Ch.UmaMaheswara Rao R.YeswanthDeekshith	Harmonic Analysis and comparative Study of Various SVPWM Techniques Using Matlab	IJCTA	Scopus	September	2016	0974-5572
5.	A.R.Vijaybabu DrG.Srinivasarao	Harnessing Renewable Power Using A High Step-Up Three-Port DC-DC Convertor	IJCTA	Scopus	December	2016	0974-5572
6.	P.V.S.Sobhan, D.V.N.Ananth, G.V.Nagesh, RavindranathChowdary	Design of Enhanced Field Oriented Flux Control Technique for Grid Connected DFIG Under Low Voltage Fault Ride Through	IJCTA	Scopus	December	2016	0974-5572
7.	P.V.S. Sobhan, M.SubbaRao M.V.Sударсан	Modeling And Analysis of New Design Self Bearing Motor For small And High Speed Applications	IJCTA	Scopus	November	2016	0974-5572

8.	Dampuru Naga SaiSaranya P.V.S.Sobhan	Adaptive Fuzzy Pid Controller Based Maximum Power Point Tracking For PV Fed DC Motor Drive	IJCTA	Scopus	November	2016	0974-5572
9.	M.SubbaRao P.V.S.Sobhan	Design and Implementation of PV Fed Two Stage DC/DC Converter for Home Applications	IJST	Scopus	December	2016	0974-6846
10.	Mopidevi Subbarao Ch. SaiBabu S. Satyanarayana	DSP based current controlled single stage single phase integrated converter with external compensating signal for Class-C & Class-D appliances	Cogent Engineering, T&F	ESCI & Scopus	April	2017	2331-1916

List of Conference Presentations Academic Year (2016-2017)

Sl. No	Name of Faculty	Title	Title of the Conference	Organizing Institution/ University	Year
1.	M.Subba Rao	Fuzzy Peak Current Controlled Integrated PFC Converter With Slope Compensation	Joint International Conference on ICAIECES - 2017 & ICPCIT - 2017	Madanapalle Institute of Technology & Science	28-29, Apr 2017
2.	P.V.S.Sobhan	Rotor Suspension Control of Hybrid Bearingless Switched-Reluctance Motor using Single-Neuron Adaptive PID Controller for PV Pump Applications	Joint International Conference on ICAIECES - 2017 & ICPCIT - 2017	Madanapalle Institute of Technology & Science	28-29, Apr 2017
3.	K.Bala Krishna, K.Rachananjali	Modeling of an ANFIS Controller for Series-Parallel Hybrid Vehicle	Joint International Conference on ICAIECES - 2017 & ICPCIT - 2017	Madanapalle Institute of Technology & Science	28-29, Apr 2017
4.	Ch.N.Narasimha Rao, K. Mercy Roslina	Analysis of Grid Synchronisation under Balanced and Unbalanced Faults Using PII Techniques	Joint International Conference on ICAIECES - 2017 & ICPCIT - 2017	Madanapalle Institute of Technology & Science	28-29, Apr 2017
5.	Ch.N.Narasimha Rao, K. Mercy Roslina	Optimum Location of Distributed Generator in Distribution System By Adopting Harmonic Search Algorithm	Joint International Conference on ICAIECES - 2017 & ICPCIT - 2017	Madanapalle Institute of Technology & Science	28-29, Apr 2017
6.	A.R.VijayBabu, Dr.G.Srinivasa Rao	Design and Modelling of Fuel cell powered Quadratic Boost Converter based Multilevel Inverter	International Conference on Innovations in Power and Advanced Computing Technologies (i-PACT-2017)	VIT University, Vellore	21-22, Apr 2017
7.	K.Bala Krishna, A Sriharibabu	Linear programming method to find the minimal placements of phasor measuring units for power system state estimation	International Conference on Power and Embedded Drive Control (ICPEDC 2017)	SSN College of Engineering, Chennai	16-18, Mar 2017
8.	P.V.S.Sobhan, M.Subba Rao	Design of State-PID Feedback Controller For Magnetically Suspended Balance Beam	International Conference on Power and Embedded Drive Control (ICPEDC 2017)	SSN College of Engineering, Chennai	16-18, Mar 2017

		System			
9.	M.Subba Rao	Charge Current Controlled Single Phase Integrated Switched Mode Power factor Correction Converter	Power Engineering Computing and Control Conceptualizing Green Energy Solutions for Smart World (PECCON2017)	VIT University, Chennai	2-4, Mar 2017
10.	A.R.VijayBabu, Dr.G.Srinivasa Rao	Modelling of Fuel cell applied to Boost Converter based Multilevel Inverter	International Conference on Innovations in Power and Advanced Computing Technologies (i-PACT-2017)	VIT University, Vellore	21-22, Apr 2017
11.	K. Bala Krishna	The linear coding approach to find the nominal placements of phasor measuring units for power system state approximation	International Conference on Power and Embedded Drive Control (ICPEDC 2017)	SSN College of Engineering, Chennai	16-18, Mar 2017
12.	P.V.S.Sobhan	Rotor Suspension Control of Hybrid Bearing less Switched-Reluctance Motor using Single-Neuron Adaptive PID Controller for PV Pump Applications	International Conference on Power and Embedded Drive Control (ICPEDC 2017)	SSN College of Engineering, Chennai	16-18, Mar 2017
13.	A Sriharibabu	A fuzzy Greatest Current Controlled combined PFC Converter With Slope Reimbursement	Joint International Conference on ICAIECES - 2017 & ICPCIT - 2017	Madanapalle Institute of Technology & Science	28-29, Apr 2017
14.	M.Subba Rao	Fuzzy Peak Current Controlled Integrated PFC Converter With Slope Compensation	International Conference on Power and Embedded Drive Control (ICPEDC 2017)	SSN College of Engineering, Chennai	16-18, Mar 2017
15.	P.V.S.Sobhan	Fabrication of State-PID Feedback Controller For Magnetically Suspended Balance Beam System	International Conference on Power and Embedded Drive Control (ICPEDC 2017)	VIT University, Chennai	16-18, Mar 2017
16.	K. Suresh	Analysis single phase converter for hybrid energy storage system	Power Engineering Computing and Control Conceptualizing Green Energy Solutions for Smart World (PECCON2017)	VIT University, Chennai	2-4, Mar 2017

17.	M.Subba Rao	Charge Current Controlled Single Phase Integrated Switched Mode Power factor Correction Converter	Joint International Conference on ICAIECES - 2017 & ICPCIT - 2017	Madanapalle Institute of Technology & Science	28-29, Apr 2017
18.	M.Subba Rao	Neuro Fuzzy Based Controller For Doubly Fed Induction Generator With Wind Turbine	International Conference on Electric Power and Energy Systems (ICEPES16)	MNIT Bhopal	14-16, Dec 2016
19.	M.Subba Rao	Neuro Fuzzy based Indirect Vector Control of Doubly fed Induction Generator with wind turbine	7 th IEEE India International Conference on Power Electronics (IICPE2016)	Thapar University, Patiala, Punjab	17-19, Nov 2016
20.	Polamraju. V.S. Sobhan, M. Subba Rao	Higher Order Sliding Mode Control of Electromagnetic Suspension System	Aerospace Electronics Electrical Communication and Instrumentation (AEECI-16)	V.R.S.E.C, Vijayawada	22 & 23 Oct, 2016
21.	M. Subba Rao, Polamraju.V.S.Sobhan	Design and implementation of pv fed two stage dc/dc converter for home application	Aerospace Electronics Electrical Communication and Instrumentation (AEECI-16)	V.R.S.E.C, Vijayawada	22 & 23 Oct, 2016
22.	A. Sriharibabu,	A Novel Hybrid Wind Solar Power System With Open Winding Permanent Magnetic Machine	Aerospace Electronics Electrical Communication and Instrumentation (AEECI-16)	V.R.S.E.C, Vijayawada	22 & 23 Oct, 2016
23.	A.R.Vijay Babu	Design and Performance analysis of "v" type solar desalination still	International conference on Allied Electrical and Communication Systems (ICAECs2016)	VFSTR,	8 -11 Dec, 2016
24.	A.R.Vijay Babu	Implementation of PV based high-step-up DC-DC converter with different cascade H-bridge (CHB) topologies	International conference on Allied Electrical and Communication Systems (ICAECs2016)	VFSTR,	8 -11 Dec, 2016
25.	A.R.Vijay Babu, Ch. Umamaheswara Rao	Energy Conservation and Management strategies of VFSTR University: A Case Study	International conference on Allied Electrical and Communication Systems (ICAECs2016)	VFSTR,	8 -11 Dec, 2016