

VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY & RESEARCH

Department of Electrical & Electronics Engineering

LIST OF FACULTY PUBLICATION FOR CALENDAR YEAR 2014

JOURNAL PUBLICATIONS

S. No	Name of Faculty	Title	Journal	Indexing	Year	ISSN. No
1	Durga Sukumar.G, Jithendranath.J, Suman Saranu	Three-Level Inverter fed Induction Motor Drive Performance Improvement with Neuro-Fuzzy SVM	Electrical Power Components and systems, Taylor & Francis	SCI & Scopus	2014	1532 – 5008
2	Y.R.Tagore	An efficient sliding-mode current controller with reduced flickering for quadratic buck converter used as LED Lamp driver	Int. J. of Power Electronics, Inderscience	Scopus	2014	1757-1162
3	Rachananjali K Suman S	Implementation of Phase Imbalance Scheme for Stabilizing Torsional Oscillations	International Journal of Electrical & Computer Engineering	Scopus	2014	2088 - 8708
4	A.R.Vijay Babu,	Magnesium Hydrides for Hydrogen Storage: A Mini Review	International Journal of ChemTech Research	Scopus	2014	0974-4290
5	A.R.Vijay Babu,	Microwave assisted biogenic synthesis of silver nanoparticles using dried seed extract of Coriandrum sativum, characterization and antimicrobial activity	International Journal of ChemTech Research	Scopus	2014	0974-4290
6	Dr.G Durga Sukumar	An Enhanced DTC scheme for Induction Machine Control Fed by Seven-Level MPC Voltage Source Inverter	Journal of Electrical Engineering, Romania	Scopus	2014	1582-4594
7	G.Srinivasa Rao	An Automated Integrated Solar/Wind Based Battery Charging System For Super capacitor Stack Used In Hybrid Electric Vehicle	Journal of Electrical Engineering, Romania	Scopus	2014	1582-4594
8	G.Srinivasa Rao	Design and Implementation Of Micro Controller Based Plugging Braking In Electric/Hybrid Electric Vehicle	Journal of Electrical Engineering, Romania	Scopus	2014	1582-4594
9	Y.R.Tagore	A fast-response sliding-mode controller for quadratic buck converter	Int. J. of Power Electronics, Inderscience	Scopus	2014	1757-1162
10	A.R.Vijay Babu,	A review on Magnesium Hydrides for Hydrogen Storage	International Journal of ChemTech Research	Scopus	2014	0974-4290

11	J.Jithendranath, A.Srihari Babu' G.Durga Sukumar	A new Hybrid PSO GSA method of solving ORPD problem with Voltage Stability constraint	TELKOMNICA Indonesian Journal of Electrical Engineering	Scopus	2014	2302-4046
12	K. Bala Krishna, D.V.S.B.Chaitanya, Ch. N. Narasimha Rao, A. Sri Hari Babu	UPFC based ATC Enhancement of a three area system	Int. Journal of Engineering Research and Applications (IJERA),	Non-Scopus	2014	2248 - 9622
13	Polamraju.V. S. Sobhan ,M. Subba Rao,	Stabilization of active magnetic bearing system using Single neuron PID controller	ARNP Journal of Engineering and Applied Sciences (SCOPUS)	Scopus	2014	1819-6608
14	A. Sri Hari Babu, M. Subba Rao, P. V. S. Sobhan	Simulation of MPPT based PV System using Perturb and Observance Method	Journal of Electrical Engineering, Romania	Scopus	2014	1582-4594
15	N.Bharath Kumar , P.V.S.Sobhan, Ch.N.Narsimha Rao, A.Sriharibabu	Modeling And Simulation Of Shunt Apf With Hysterisis And Fuzzy Logic Controller With And Without Faults	Journal of Theoretical and Applied Information Technology	Scopus	2014	1992-8645
16	G. Srinivasa Rao	An innovative approach to battery management and propulsion system of electric/hybrid electric vehicles	International journal of Electric & Hybrid Vehicles	Scopus	2014	1751-4096
17	Uma Maheswara Rao.Ch. Bala Murali Krishna.V A. Srihari Babu Suman.S	Design and Simulation of PV System with Incremental Conductance Method for Maximum Power Point Tracking	International Journal of Scientific Engineering and Technology	Non-Scopus	2014	2271-1581
18	N.Bharath Kumar, D.V.S.B.Chaitanya, M.Shareef Syed,	“Impact of ATC Enhancement in a three area system using UPFC”	Int. Journal of Engineering Research and Applications (IJERA),	Non-Scopus	2014	2248 - 9622

CONFERENCE PUBLICATIONS

S. No	Name of the faculty	Title of the conference	Dates	Organizing Institute	Title of the paper
1	D.V.S.B.Chaitanya	International Conference on Advances in Power Conversion and Energy Technologies (APCET 2014)	Aug, 2014	LBRCE, Mylavaram	An effective approach for ATC Enhancement with FACTS devices-A case study
2	P.V.S. Sobhan	International Conference on Smart electrical grid	15 -16, Sep ,2014	KL University, Vaddeswaram	Fuzzy Controlled Single Stage AC/DC Converter with PFC to Drive LEDs

3	M. Subba Rao	International Conference on Smart electrical grid	15 -16, Sep ,2014	KL University, Vaddeswaram	Fuzzy Controlled Single Stage AC/DC Converter with PFC to Drive LEDs
4	G.Srinivasa Rao	International Conference on Smart electrical grid	15 -16, Sep ,2014	KL University, Vaddeswaram	Design of Maximum Power Point tracking system for wind energy conversion application
5	S.Suman	International Conference on Smart electrical grid	15 -16, Sep ,2014	KL University, Vaddeswaram	Design of Maximum Power Point tracking system for wind energy conversion application
6	A.R.VijayBabu	International Conference on Smart electrical grid	15 -16, Sep ,2014	KL University, Vaddeswaram	Design of Maximum Power Point tracking system for wind energy conversion application
7	K.Rachananjali	International Conference on Smart electrical grid	15 -16, Sep ,2014	KL University, Vaddeswaram	Design of Maximum Power Point tracking system for wind energy conversion application
8	K.Bala Krishna	International Conference on Smart electrical grid	15 -16, Sep ,2014	KL University, Vaddeswaram	Design of Maximum Power Point tracking system for wind energy conversion application
9	P.V.S. Sobhan	International Conference on Smart electrical grid	15 -16, Sep ,2014	KL University, Vaddeswaram	Analysis and Design of Non-isolated single phase AC/DC PFC Topologies to Drive LED's
10	M. Subba Rao	InternationalConferece on Smart electrical grid	15 -16, Sep ,2014	KL University, Vaddeswaram	Analysis and Design of Non-isolated single phase AC/DC PFC Topologies to Drive LED's