



**VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE**

Near Ramoji Film City, Deshmukhi (V), Yadadri Bhuvanagiri Dist., Telangana - 508 284.

Approved by AICTE, New Delhi, Affiliated to JNTUH, Hyderabad

**EAMCET CODE : VGNT**

**PGE CET CODE : VGNT1**



## Department of Electrical and Electronics Engineering

**Academic Year 2017-2018**

<b>Title of paper</b>	<b>Name of the author/s</b>	<b>Name of journal</b>	<b>ISSN number</b>
PID controller Tuning using Co-efficient diagram method for indirect vector controlled drive	<b>G. Durga Sukumar, T.Ramasubba Reddy</b> and B. Pakkiraiah	Journal of Electrical Engineering and Technology- JEET	vol.12, no.5, pp.1821-1834,2017. ISSN: 1975-0102
PID controller Tuning using Co-efficient diagram method for indirect vector controlled drive	G. Durga Sukumar, <b>T.Ramasubba Reddy</b> and B. Pakkiraiah	Journal of Electrical Engineering and Technology- JEET	vol.12, no.5, pp.1821-1834,2017. ISSN: 1975-0102
“ A review on PV Cells and Nano composite coated PV system”	K.Rakesh Tej Kumar, M.Ramakrishna and <b>G.Durga Sukumar</b>	International journal of Energy research	Wiley Publications,vol.42, no.7,pp.1-15,2018. ISSN: 1099-114X
Performance and Analysis of an Asynchronous Motor Drive with a New Modified Type-2 Neuro Fuzzy Based MPPT Controller Under Variable Irradiance and Variable Temperature	B. Pakkiraiah and <b>G. Durga Sukumar</b>	Journal of Sensors & Transducers	Vol. 209, no.2, pp. 35-44, 2017 ISSN: 1726-5479
Enhanced Performance of an Asynchronous Motor Drive with A New Modified Adaptive Neuro Fuzzy Inference System Based MPPT Controller in Interfacing with dSPACE DS-1104	B. Pakkiraiah and <b>G. Durga Sukumar</b>	International Journal of Fuzzy Systems Springer Publisher	Vol.19,no.6, pp.1950-1965, 2017 ISSN: 1562-2479



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A Modified MPPT Controller for Indirect Vector Controlled Induction Motor Drive with Variable Irradiance and Variable Temperature in Interfacing with dSPACE DS-1104	B. Pakkiraiah and <b>G. Durga Sukumar</b>	journal of Electrical Engineering and Technology JEET	ISSN: 1975-0102
Design and Analysis of Solar Fed BLDC m with Zeta Converter	Ch.N.Narasimha Rao and <b>G. Durga Sukumar</b>	Journal of Advanced Research in Dynamical and Control Systems	vol.9,no.5, 2017. ISSN: 1943-023X
Performance Evaluation of power system network by minimal path set approach	<b>T.Rama Subba Reddy</b> , G.Durga Sukumar, R.Ramanjan Prasad	International Journal of Engineering Technology and Advanced Engineering(IJETAE)	Volume 7, Special issue 1, December 2017, ISSN: 2250-2459
Performance Evaluation of power system network by minimal path set approach	T.Rama Subba Reddy, <b>G.Durga Sukumar</b> , R.Ramanjan Prasad	International Journal of Engineering Technology and Advanced Engineering(IJETAE)	Volume 7, Special issue 1, December 2017, ISSN: 2250-2459
Performance Evaluation of power system network by minimal path set approach	T.Rama Subba Reddy, G.Durga Sukumar, <b>R.Ramanjan Prasad</b>	International Journal of Engineering Technology and Advanced Engineering(IJETAE)	Volume 7, Special issue 1, December 2017, ISSN: 2250-2459
Enhancing the efficiency of a DC-DC converter used for hybrid electrical vehicles to suit uphill and downhill terrains	Geetha Reddy Evuri, Srinivasa Rao Gorantla, <b>T.Rama Subba Reddy</b>	European Journal of Electrical Engineering(EJEE)	Volume 19 – n°. 1-2/2017 ISSN: 2103-3641



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Energy Management And Control Of Hybrid Electric Vehicle Using IGBT Based Boost Converter	Geetha Reddy Evuri, G .Srinivasa Rao, <b>T.Ramasubba Reddy</b> , K.Srinivasa Reddy	Journal of Advanced Research in Dynamical and Control Systems	Vol. 9. Sp– 16 / 2017 ISSN: 1943-023X
Hybrid Electric Vehicle Power Management	Geetha Reddy Evuri, G. Srinivas Rao, <b>T. RamaSubba Reddy</b> , K. Srinivas Reddy	International Journal of Pure and Applied Mathematics	Volume 118 No. 5 2018, 137-146 ISSN: 1311-8080
Design and Implementation of ultra-capacitor	Geetha Reddy Evuri, G .Srinivas Rao, <b>T.RamaSubba Reddy</b> , K.Srinivasa Reddy	ARPJ Journal of Engineering and Applied Sciences	VOL. 13, NO. 4, FEBRUARY 2018 ISSN 1819-6608
Current Trends in Ultra Capacitor/Battery Based Smart Transportation System	Geetha Reddy Evuri, Dr. G .Srinivas Rao, <b>Dr. T.Ramasubba Reddy</b> , Dr. K.Srinivasa Reddy	Journal of Advanced Research in Dynamical and Control Systems	Vol.,09 ,14-Special Issue, 2017 ISSN: 1943-023X
Fuzzy controlled improved active power filter for power quality improvement	kanumuri srilatha, <b>Mr. G.Srinivas</b>	International journal of general science and engineering	Volume-5, Issue-9, september-2017 ISSN:2349-8439