



# Gokaraju Rangaraju Institute of Engineering & Technology

(Autonomous)

Department of Electrical & Electronics Engineering

Publications / Conferences attended by the Faculty :: 2018-2019

S. No	Name of Faculty	Name of Refereed Journal/ Conference	National / International	Title of the Paper	Year of Publication & DOI
<b>SCOPUS,SCI</b>					
1	V.V.S Madhuri	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	International	Automatic Restoration of the Network by using Distributed Energy Sources	DOI:10.35940/ijitee.K2300.0981119 , ISSN: 2278-3075, Volume-8 Issue-11, September 2019
2	V.V.S. Madhuri, P. Srividya Devi	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-	International	Energy Monitoring and Routing for Impending Challenges in SMART GRID	DOI: 10.35940/ijrte.B2347.078219 ,ISSN: 2277-3878, Volume-8 Issue-2, July 2019
	Phaneendra Babu Bobba	2019 5th International Conference for Convergence in Technology	International	Extensive Analysis on Load Dynamics of an Unmanned Aerial Vehicle	978-1-5386-8075-9/19/\$31.00 ©2019 IEEE, (I2CT) Pune, India. Mar 29-31, 2019
	Phaneendra Babu Bobba	2019 5th International Conference for Convergence in Technology	International	Design of Misalignment Tolerant WPT System for Deep Brain Stimulator	978-1-5386-8075-9/19/\$31.00 ©2019 IEEE, (I2CT) Pune, India. Mar 29-31, 2019

	Phaneendra Babu Bobba	PEDES 2018	International	Design of a Universal Wireless Charging System for Mobile and Laptop Applications	978-1-5386-9316-2/18/\$31.00 ©2018 IEEE
1	Vinay Kumar Awaar, Praveen Jugge	Journal of Control, Automation and Electrical Systems	International	Validation of Control Platform Using TMS320F28027F for Dynamic Voltage Restorer to Improve Power Quality	Published online: 5 June 2019,30:601–610 ,ISSN: 2195-3880 (P),ISSN: 2195-3899 (E) <a href="https://doi.org/10.1007/s40313-019-00480-z">https://doi.org/10.1007/s40313-019-00480-z</a>
2	Jami Sridevi, Sri Vidya Devi Palakaluri	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	International	Solar Powered Dtmf Controlled Robot over Skype and Its Applications in Various Fields	ISSN: 2278-3075, Volume-8 Issue-8 June, 2019
3	Dr J. Sridevi	International Journal of Recent Technology and Engineering (IJRTE)	International	Smart Metering and Home Automation using ARM Controller	ISSN: 2277-3878, Volume-8, Issue-1, May 2019
4	P.Srividya Devi	International Journal of Engineering and Advanced Technology (IJEAT)	International	Optimization of Load Frequency with Inertia Based Wind Farm Control	ISSN: 2249 – 8958, Volume-8 Issue-4, April 2019(Scopus)
5	B.Phaneendra Babu	IET Electric Power Applications	International	New Methods for overcoming Misalignment Effects and charging control of a dynamic wireless EV Charging System	ISSN 1751-8660 Received on 7th August 2018 Revised 25th February 2019 Accepted on 10th April 2019 doi: 10.1049/iet-epa.2018.5509

6	DG Padhan	E3S Web of Conferences	International	A robust fractional order PID controller for MIMO power systems	Feb-2019, E3S Web of Conferences, 87, art. no. 01024, .DOI: 10.1051/e3sconf/20198701024.
7	T. Suresh Kumar	E3S Web of Conferences	International	Gate driver circuit design, PWM signal generation using FEZ Panda III and Arduino for inverter	Feb-2019, E3S Web of Conferences, 87, art. no. 01003, DOI: 10.1051/e3sconf/20198701003.
8	B.Phaneendra Babu	E3S Web of Conferences	International	Communication between PHEV's and Smart Grid using Zigbee Protocol	Feb-2019,E3S Web of Conferences, 87, art. no. 01018, DOI: 10.1051/e3sconf/20198701018.
9	R.Anil Kumar, MN SandhyaRani, Sarfaraz Nawaz Syed., T.Suresh Kumar,	E3S Web of Conferences	International	Speed control of DC motor using fuzzy logic controller by PCI 6221 with MATLAB	Feb-2019,E3S Web of Conferences, 87, art. no. 01004,DOI: 10.1051/e3sconf/20198701004 .
10	DG Padhan	E3S Web of Conferences	International	Complimentary sensitivity function based novel cascade control structure for automatic generation control	Feb-2019, E3S Web of Conferences, 87, art. no. 01012, DOI: 10.1051/e3sconf/20198701012.
11	B.Phaneendra Babu	E3S Web of Conferences	International	A case Study on wired and Wireless charger standards in India for Electric Vehicle Application	Feb-2019, E3S Web of Conferences, 87, art. no. 01017,DOI: 10.1051/e3sconf/20198701017 .
12	Sarfaraz Nawaz Syed, T. Suresh Kumar	E3S Web of Conferences	International	Speed control of an induction motor fed by an inverter using dSPACE controller	(2019) E3S Web of Conferences, 87, art. no. 01002, DOI: 10.1051/e3sconf/20198701002
13	B.Phaneendra Babu	E3S Web of Conferences	International	Extensive review on supercapacitor cell voltage balancing	Feb-2019,E3S Web of Conferences, 87, art. no. DOI: 10.1051/e3sconf/20198701010 .

14	B.Phaneendra Babu	E3S Web of Conferences	International	Variable switch regenerative braking technique for PM BLDC motor driven electric two-wheeler	Feb-2019, E3S Web of Conferences, 87, art. no. 01029, DOI: 10.1051/e3sconf/20198701029
15	T.Suresh Kumar	E3S Web of Conferences	International	Artificial neural networks based SPWM technique for speed control of permanent magnet synchronous motor	Feb-2019,E3S Web of Conferences, 87, art. no. 01030, DOI: 10.1051/e3sconf/2019870103
16	B.Phaneendra Babu	E3S Web of Conferences	International	Implementation of OCPP protocol for electric vehicle applications	Feb-2019, E3S Web of Conferences, 87, art. no. 01008, DOI: 10.1051/e3sconf/20198701008
17	B.Phaneendra Babu	E3S Web of Conferences	International	Extensive review on Laminated bus bar for low and high power applications	Feb-2019, E3S Web of Conferences, 87, art. no. 01009 ,DOI: 10.1051/e3sconf/20198701009
18	B.Phaneendra Babu	E3S Web of Conferences	International	Development of wireless charging system along with power line communication used in Electric Vehicles	Feb-2019, E3S Web of Conferences, 87, art. no. 01021DOI: 10.1051/e3sconf/20198701021
19	P.Srividya Devi	International Journal of Engineering & Technology(UAE)	International	Design of Robust Decentralized Deregulated Fuzzy LFC DR Model for a n Interconnected Power System	Volume 7, No 4 ,pp 6703-6710 (2018) (Scopus), doi: 10.14419/ijet.v7i4.15815
20	T. Suresh Kumar	International Journal of Mechanical Engineering and Technology	International	Comparative analysis of dynamic voltage restorer supported with BESS and super capacitor	Oct (2018), Volume 9 (10), pp. 1268-1276,ISSN Print:0976-6340,ISSN Online :0976-6359,Scopus indexed

21	T. Suresh Kumar	International Journal of Power Electronics and Drive System (IJPEDS) 2018	International	Novel Switching Design Structure for Three Phase 21-Level Multilevel Inverter Fed BLDC Drive Application	Vol. 9, No. 3, September 2018, pp. 1202~1213 ISSN: 2088-8694, DOI: 10.11591/ijpeds.v9n3.pp1202-1213
<b>UGC</b>					
22	U.Vijaya Lakshmi, P.Srividya Devi	Journal of Emerging Technologies and Innovative Research	International	Learning by Doing Automation using different sensors in Regular Laboratory	ISSN-2349-5162, Volume 6, Issue 5 pp 110-118 May 2019(UGC Publication)