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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

RESEARCH PUBLICATIONS

A.Y: 2016-17

S.NO	NAME OF THE AUTHOR	TITLE OF THE PAPER	JOURNAL/CONFERENCE
1.	N.Murali Krishna	“Improved speed characteristics of a synchronous machine using discrete PID controller”	IJMTST.vol2,issue5,may 2016
2.	N.Murali Krishna	“Study of characteristics of dfig based wind turbine”	IJMTST.vol2,issue8,aug2016
3.	N.Murali Krishna	“Comparative study of speed characteristics of dc motor with and without controllers”	IJMTST.vol3,issue7,june2017
4.	N.Murali Krishna	“Enhanced pitch control characteristics of a DFIG based wind turbine using ANFIS”	IJCRSET.volume1,issue2,june2016
5	N.Murali Krishna	“Extraction of Maximum Power from DFIG Based Wind Turbine Using Fuzzy-PI Controller”	IJCRSET.vol1,issue2,june2016

6	N.Murali Krishna	“COMPARATIVE STUDY OF ANFIS AND FUZZY CONTROLLERS FOR SMPS”,	JFT.volume1,issue2 ,nov2017
7	N.Murali Krishna	“ENHANCEMENT OF ROTOR SPEED CHARACTERISTICS OF BLDC MOTOR USING ANFIS”,	JFT.vol1,issue2,nov2017
8	N.Murali Krishna	“MODELLING AND PLOTTING OF CHARACTERISTICS USING FUZZY CONTROLLERS FOR A WIND TURBINE CONNECTED THROUGH A DOUBLY FED INDUCTION GENERATOR TO A MICROGRID”,	IJCTA SCOPUS indexed journal. Jan 2017

A.Y: 2015-16

S.NO	NAME OF THE AUTHOR	TITLE OF THE PAPER	JOURNAL/CONFERENCE
1.	N.PRANEETH	An Optimized Genetic Algorithm Based Vibration Reprression	(IJETT) – Volume 22 Number 9-April 2015 ISSN
2.	N.PRANEETH	A Simple and Efficient Soft Computing Technique for Optimizing Mechatronics	(IJETT) – Volume 22 Number 9-April 2015 ISSN: 2231-5381 Page 443
3.	N.PRANEETH	A Model for SM Methodology Using Smith Predictor	(IJETT) – Volume 22 Number 10 - April 2015 ISSN: 2231-5381 Page 447
4.	N.PRANEETH	An Efficient Framework Drive System Using Fuzzy Controller	(IJETT) – Volume 22 Number 10 - April 2015 ISSN: 2231-5381 Page 451
5.	N.PRANEETH	A Simple and Efficient Framework for Low Order Stabilization Using Linear Maps	(IJETT) – Volume 22 Number 10 - April 2015 ISSN: 2231-5381 Page 457.

A.Y 2014-15

S.NO	NAME OF THE AUTHOR	TITLE OF THE PAPER	JOURNAL/CONFERENCE
1.	TejaswiBanala D. Laxmana Rao Dr. Chalasani Hari Krishna	Simple and Effective SVPWM Algorithm For Diode Clamped 3-Level Inverter Fed DTC-IM Drive	(ICIEEE-2014), September 5 th – 6 th , 2014.

A.Y 2013-14

S.NO	NAME OF THE AUTHOR	TITLE OF THE PAPER	JOURNAL/CONFERENCE
1.	N. Rosaiah, Chalasani Hari Krishna, G. Satheesh, T. Brahmananda Reddy	Decoupled Space Vector PWM for Dual Inverter Fed Open End Winding Induction Motor Drive	International Journal of Scientific &Engineering Research, Volume 3, Issue 10, October 2012.
2.	Chalasani Hari Krishna, T. Brahmananda Reddy, J. Amarnath S. Kamakshaiah,	Generalized Scalar Pulsewidth Modulation Algorithm for N-Level Multilevel Inverter Fed Direct Torque Controlled Induction Motor Drive with Reduced Complexity	(I.RE.MO.S), Vol. 5, Number 3, June 2012.
3.	Chalasani Hari Krishna, J. Amarnath S. Kamakshaiah,	Simplified SVPWM Algorithm Based Direct Torque Controlled Induction Motor Drive for Reduced Harmonic Distortion	International Journal of Advances in Science and Technology, Vol. 4, No. 4, 20
4.	Chalasani Hari Krishna, J. Amarnath S. Kamakshaiah,	Simplified SVPWM Algorithm for Neutral Point Clamped 3-Level Inverter Fed DTC_IM Drive	I.E.E.E (APCET 2012), August 2 nd to 4 th , 2012.
5.	Chalasani Hari Krishna,	“Advances in power conversion and	I.E.E.E (APCET 2012), August 2 nd to 4 th

	J. Amarnath S. Kamakshaiah	energy technologies	, 2012.
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