

NATIONAL INSTITUTE OF TECHNOLOGY GOA
Department of Electrical and Electronics Engineering
List of M. Tech. Project Titles (2014-2016 Batch)

S.No	Project Title	Guided By	Name of The Student	Roll Number
1	SPWM Based V/F Speed Control of Induction Motor Using DSP TMS320F28335	Dr. B. Venugopal Reddy	Arun George	14EEE2001
2	Synchro-Phasor Measurements and Its Applications	Dr. C. Vyjayanthi	Baluguri Ravi Teja	14EEE2003
3	Enhancement of Power Quality With Three Level Neutral Point Clamped Shunt Active Power Filter For Three Phase Three Wire System	Dr. Suresh Mikkili	Beesu John Raj	14EEE2004
4	Harmonic Analysis of One Cycle Control Based AC-DC Rectifiers	Dr. Sreeraj E. S.	C. L. S. Srinivas	14EEE2006
5	Modelling of STATCOM And SVC For Power System Steady-State Operation And Enhancement of Transient Stability of A Multi-Machine Power System.	Dr. Amol Rahulkar	Gorachand Mohanty	14EEE2007
6	Single Stage Power Conversion Dual Inverter Fed Open End Winding Induction Motor For Pumping Applications	Dr. B. Venugopal Reddy	Kaipakam Prakash	14EEE2008
7	Space Vector Pulse Width Modulated Induction Motor Drive	Dr. Amol Rahulkar	Mubaris Pandikashala	14EEE2010
8	Performance Analysis of PI Controller With Multi-Level Inverter Based Shunt Active Filter Control Strategies for Power Quality Improvement	Dr. Suresh Mikkili	Nimmathi Saikrishna	14EEE2011
9	Mitigation of Harmonics in Three Phase Three Wire System Using Shunt Active Filter With Perfect Harmonic Cancellation Method.	Dr. Suresh Mikkili	Padamati Adinarayana	14EEE2012
10	Smart Usage of Solar PV Panel Energy With Battery Energy Storage System Using Charge Controller	Dr. C. Vyjayanthi	P. V. Subrahmanyam	14EEE2013
11	Analysis of Optimal Operation of Electric Arc Furnace For Various Combinations of Transformer-Reactor Taps to Enhance ARC Stability	Dr. C. Vyjayanthi	R V S E Shravan	14EEE2014
12	Design of A Wavelet-Based Based Multi-Resolution PID Controller	Dr. Amol Rahulkar	Sangeetha C	14EEE2015
13	Switched Capacitor Based Cascaded H-Bridge Multi-Level Inverter And Comparative Study	Dr. Sreeraj E. S.	Santosh Mareedu	14EEE2016
14	Dithering Ripple Correlation Technique For MPPT In Single-Phase Single-Stage PV System	Dr. Sreeraj E. S.	Satish Ramaiah	14EEE2017
15	Drift-Free Modified P&O MPPT for Photovoltaic Systems	Dr. B. Venugopal Reddy	Vejju Pradeep	14EEE2018