

**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

PROJECT TITLES  
2015-16 Passed out Batch (XII Batch)

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1	Prof. G. Raja Rao	312126514067, 038, 009, 058, 046	Surplus Power Circulation in LV Distribution Networks with DER's by using D-STATCOM
2	Mr. V. Murali	312126514130, 143, 075, 103, 120	Application of Artificial Intelligence Techniques to ELD Problem
3	Mr. S. Bala Murali	312126514045, 013, 003, 023, 071	Speed Control of DC Servo Motor using PI, PD, PID and Sliding Mode Controllers
4	Dr. J. Vijay Kumar	312126514074, 127, 102, 086, 135	Determination of ATC in a Deregulated Power System using Distribution Factors in ETAP and MATLAB Environment
5	Mr. Kottala Kiran Kumar	312126514066, 024, 004, 032, 019	Load Frequency Control in Four Area Power Systems using Fuzzy Logic Controller
6	Mrs. K.V.R. Swathi	312126514109, 124, 076, 085, 094	Discrete Time Modelling of a Buck Converter
7	Mr. Kavala Kiran Kumar	312126514051, 018, 057, 063, 052	Neuro Fuzzy (ANFIS) Tuned PID Controller with D-Q-O Reference Frame Technique Based Shunt Active Filter
8	Mr. B. Rajasekhar	312126514073, 119, 123, 077, 117	OFFSHORE to ONSHORE Wind Energy Transformation Using HVDC Link
9	Mr. R. Satish	312126514028, 037, 020, 034, 015	Integration of Distributed Generation Into 3-phase Unbalanced Radial Distribution
10	Mrs. K. Lavanya	312126514112, 134, 088, 141, 106	Simulation of Three-Phase Two Level SVPWM Inverter using MATLAB
11	Mr. L. Dinesh	312126514115, 101, 078, 079	Design of Modular Multilevel Converter Using Three Winding Transformer
12	Mr. Ch.V.N. Raja	312126514059, 056, 042, 012, 001	Speed Control of Faculty Induction Motor Using Quantitative Feedback Theory Technique
13	Mr. M. Sudheer Kumar	312126514099, 132, 131, 136, 309126514123	Design of Power System Stabilizer to reduce the Speed deviation in SM-IB
14	Mr. K. Trinadh Babu	312126514044, 050, 036, 065	Design and Implementation of Firing Circuit Using Cosine control Scheme
15	Mr. T. Rama Sastry	312126514091, 108, 081, 100, 087	Power Quality Enhancement in Distribution System using Unified Power Quality Conditioner

16	Mr. L. Dinesh	312126514047, 039, 043, 026	Design of Micro grid connected Renewable Sources for Different Load Variations
17	Mr. S. Harish	312126514082, 129, 111, 122, 144	A New Three Phase Multilevel Inverter for Medium and High Power Applications
18	Mr. A. Dhanamjay	312126514072, 005, 060, 025	Development of Single Phase UPS having AC Chopper and Active Filter Ability
19	Mr. L. Vijay	312126514098, 104, 093, 116, 139	Personal Computer Based Electrical Loads Control
20	Mrs. B. Vanajakshi	312126514055, 041, 048, 006	Comparison of THD for Back-to-Back Converter and Nine-Switch Converter using SPWM
21	Ms. A.S. Anitha Nair	312126514126, 083, 105, 084, 110	Power Quality Improvement and Mitigation Study of Transmission Lines with and without TCSC Fact Device
22	Ms. D. Sri Lakshmi	312126514010, 017, 008, 068	A Nine Level Grid Connected Converter Topology for Single Phase Transformer less PV Systems
23	Mr. M. Santosh Kiran	312126514137, 121, 138, 097, 096	Study of Voltage-Mode Control for PWM Signal Generation in DC-to-DC Switching Regulators
24	Mr. M. Naga Raju	312126514061, 054, 016, 064	A Novel Series / Parallel Multilevel Inverter for EV Application
25	Mr. V. Rangavalli	312126514142, 092, 133, 090	Order Reduction Methods for Analysis & Design of Higher Order Systems using PID Controller
26	Mr. V. Anil Kumar	312126514007, 031, 021, 053	A Series Connected Three Level Inverter Topology for Medium Voltage Motor Drive Applications
27	Mr. N. Kiran	312126514113, 140, 089, 118, 311126514025	Improved Dynamic Performance of Buck Converter using Fuzzy Controller
28	Mr. J. Uday Venkatesh	312126514002, 027, 029, 035	Simulation on Sensorless Indirect Field Orientation Speed Control for A Single Phase Induction Motor
29	Mr. R.V. Divakar	312126514114, 125, 080, 128	Mitigation of Voltage SAG by using DVR
30	Mrs. T.V. Subhashini	312126514049, 040, 030, 022	Mitigation of Harmonics in Power Systems by Hysteresis Control Technique using Shunt Hybrid Power Filter
31	Mr. E. Appanna	312126514069, 062, 033, 070	Low Frequency AC Transmission for OFFSHORE Wind Power

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