

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

PROJECT TITLES  
2017-18 Passed Out Batch (XIV Batch)

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1	Prof. G. Raja Rao	314126514155, 187, 179, 153, 183	New Three Phase Multilevel Inverter with Reduced Number of Power Electronic Components
2	Mr. V. Murali	314126514016, 017, 045, 039	Application of Optimization Techniques to Solve Economic Load Dispatch Problem
3	Mr. S. Bala Murali	314126514116, 085, 069, 078, 115	Speed Control of BLDC Motor using Different PID Controllers
4	Dr. J. Vijaya Kumar	314126514163, 190, 161, 189, 184	Single State Solar PV FED BLDC Motor Driven Water Pump
5	Mr. Kottala Kiran Kumar	314126514046, 033, 052, 063, 031	Power Quality Improvement using Distributed Power FOW Controller
6	Mrs. K.V.R. Swathi	31426514096, 110, 084, 077, 127	Speed Control of Induction Motor using IMC, Fuzzy PI and Conventional Controllers
7	Mr. Kavala Kiran Kumar	314126514180, 186, 139, 178, 133	Transient Stability Improvement in Power System using SVC with PI Controller
8	Mr. B. Rajasekhar	314126514016, 044, 049, 059, 060	Auto selection of any Available Phase in a Three Phase Supply System
9	Mr. R. Satish	314126514128, 089, 080, 118, 130	Harmonic Power Flow Analysis of Radial Distribution Networks
10	Mrs. K. Lavanya	314126514136, 148, 152, 165, 166	Performance of PMSM using SVPWM Technique for Two Level Inverter
11	Mr. Ch.V.N. Raja	314126514018, 032, 026, 051, 047	Design of H-Infinity PID Controller for a reduced order linearized Boost Converter
12	Mr. M. Sudheer Kumar	314126514114, 076, 104, 100, 103	Comparison of DC-DC Converters with Open and Closed Loop Systems
13	Mr. K. Trinadh Babu	314126514157, 134, 174, 146, 177	Design of Power System Stabilizer

14	Mr. L. Dinesh	314126514039, 041, 061, 040, 064	Simulation of Three Phase Three Switch Two Level Unidirectional PWM Rectifier with Reduced Number of Switches
15	Mr. S. Harish	314126514091, 072, 102, 092, 111	Zero Voltage Transition-Zero Current Transition Pulse-Width Modulated Multiphase Synchronous Buck Converter with an Active Auxiliary Circuit for Portable Applications
16	Mr. A. Dhanamjay	314126514171, 176, 182, 131, 149	PFC CUK Converter FED Brushless DC Motor
17	Mr. L. Vijay	314126514017, 034, 050, 013, 024	A Comparative Analysis of DC – DC Converters for Renewable Energy Systems
18	Ms. A.S. Anitha Nair	314126514121, 093, 107, 088, 106, 071	Design of Fractional Order PID Controller for Speed Control of DC Motor
19	Ms. D. Sri Lakshmi	314126514173, 169, 158, 168 313126514072	Hardware Implementation of Single Input Multiple Output DC-DC Converter
20	Mr. V. Anil Kumar	314126514054, 029, 020, 027, 038	Cascaded Multilevel Inverter Topology to Reduce Total Harmonic Distortion
21	Mr. N. Kiran	314126514109, 099, 126, 073, 113, 087	Improved Dynamic Performance of Two Level SVPWM Inverter FED Three Phase Induction Motor with Reduced Total Harmonic Distortion
22	Mr. J. Uday Venkatesh	314126514147, 162, 138, 135, 172	Power Quality Improvement using Dynamic Voltage Restorer with Open – End Winding Transformer
23	Mr. R.V.L.N. Divakar	314126514004, 006, 008, 028, 048	Current Control Strategy using PR Controller of Shunt Active Power Filter under Unbalanced & Non-Linear Load
24	Mrs. T.V. Subhashini	314126514105,095, 070, 117, 097, 125	Design of Nonlinear Controller to a Vector Control of a Permanent Magnet Brushless DC Motor
25	Mr. E. Appanna	314126514132, 167, 170, 140, 175	Maximum Power Point Tracking of PV Systems using Perturb & Observe Algorithm
26	Mr. G. Yedukondalu	314126514014, 053, 025, 001, 019	Power Quality Enhancement by Current Controlled Voltage Source Inverter Based DSTATCOM for load variations
27	Mr. B. Tulasi Rao	314126514145, 150, 144, 143, 156	Harmonic Analysis using Various PWM Techniques for a Three Phase Induction Motor & Their Comparisons
28	Mr. T. Subrahmanyam	314126514129, 074, 075, 081, 090, 123	Power Quality Improvement using Active Filter by PWM Technique

29	Mr. S.J.V. Prakash	314126514129, 086, 134, 088	Interleaved SEPIC Power Factor Pre-regulator using Coupled Inductors in discontinuous Conduction Mode with Wide Output Voltage
30	Mr. P. Naresh Kumar	314126514098, 112, 120, 094, 083, 067	Modeling of Electric Vehicle Charging Station for Fast DC Charging
31	Mr. M.S.M. Divakar	314126514137, 188, 164, 151, 181	An Active Harmonic Filter based on One Cycle Control
32	Mr. B. Satyanarayana	314126514015, 030, 007, 011, 005	Contingency Analysis of Power System by using Power System Performance Indices and Voltage Improvement at the buses by using STATCOM
33	Mr. G.N.V. Mohan	314126514062, 043, 003, 037, 010, 056	Decentralized Control of Power Systems with the Penetration of Renewable Energy Sources
34	Mr. A.V. Praveen	314126514119, 068, 086, 122, 082, 079	Three Phase Inverter using SPWM and SVPWM

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