

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

PROJECT TITLES  
2018-19 Passed Out Batch (XV Batch)

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1	Prof. G. Raja Rao	315126514157, 208, 168, 162, 153	High Efficiency Bi-Directional Converter for Backup Energy Storage
2	Mr. V. Murali	315126514021, 044, 028, 023, 011	Analysis of Load Frequency Control of Multi-Area Systems
3	Mr. S. Bala Murali	315126514088, 123, 085, 087	Speed and Current Control of BLDC Motor by using PI and SMC Controllers
4	Dr. J. Vijaya Kumar	315126514179, 213, 215, 178, 161	Unit Commitment using Particle SWARM Optimization
5	Mr. Kottala Kiran Kumar	315126514058, 013, 025, 051, 005	New Sensorless Vector Control Scheme for the Induction Motor Drives
6	Mrs. K.V.R. Swathi	315126514133, 075, 098, 092	Torque Control of Switched Reluctance Motor using Conventional PI Controller and IMC Controller
7	Mr. Kavala Kiran Kumar	315126514211, 187, 171, 191, 183	Fuzzy Tuned PID-Controller Based Load Frequency Control of Two Area System
8	Mr. B. Rajasekhar	315126514065, 039, 012, 024, 001	Power Meter Reader Plus Load Control using GSM
9	Mr. R. Satish	315126514105, 143, 078, 097,	Power Flow Analysis of Unbalanced Radial Distribution Network
10	Mrs. K. Lavanya	315126514181, 164, 155, 180, 204	Harmonic Analysis of Cascaded H-Bridge MLI Fed Induction Motor Drive
11	Mr. Ch.V.N. Raja	315126514072, 041, 014, 037, 046	Performance Improvement of PV System using Fuzzy MPPT Controller
12	Mr. M. Sudheer Kumar	315126514077, 074, 079, 081, 100	A Novel Load Frequency Control Technique in Two Area Power System using PID and Fuzzy Logic Controllers

13	Mr. K. Trinadh Babu	315126514202, 212, 146, 174	Performance of Induction Motor Drives Flux Control Versus Torque Control
14	Mr. L. Dinesh	315126514019, 018, 017, 059, 029, 057	Intelligent Control of Shunt Active Power Filter for Minimization of Current Harmonics
15	Mr. L. Dinesh	315126514125, 093, 119, 086, 118, 131	Economic Feasibility and Grid Integrated PV Cell
16	Mr. L. Dinesh	315126514102, 107, 132, 138, 109, 117	Synchronous Reference Frame Based Control Method for UPQC under Unbalanced and Distorted Load Conditions
17	Mr. S. Harish	315126514185, 194, 210, 165, 154, 197	Performance Comparison of PMSM using PI and Fuzzy Control
18	Mr. S. Harish	315126514084, 134, 137, 083	Multi-Level Inverter with Combined T-Type and Cross-Connected Modules
19	Mr. A. Dhanamjaya Apparao	315126514152, 190, 172, 195, 176	Mathematical Modeling of Photo Voltaic Module with Simulink
20	Mr. L. Vijay	315126514010, 061, 066, 026, 008, 022	Comparative Study of Adaptive Control Techniques for a Plant with time Varying Parameters
21	Mr. L. Vijay	315126514042, 049, 056, 069, 053, 020	Simulation and Analysis of PEM Fuel Cell Stack Connected to a DC Motor
22	Ms. D. Sri Lakshmi	315126514110, 139, 094, 089, 103, 144	Study of Single Phase Multilevel Inverter Topologies Suitable for Photo Voltaic Applications
23	Mrs. V. Rangavalli	315126514167, 188, 177, 198, 209, 149	Comparison of Speed Control of DC Servo Motor using PI, PID, Fuzzy
24	Mr. V. Anil Kumar	315126514038, 045, 002, 031, 006, 068	31-Level Cascaded H-Bridge Multilevel Inverter with reduced number of switches
25	Mr. N. Kiran	315126514096, 126, 108, 136, 142	Identification of Fault in a Transmission Line by using Wavelet and Location by Fuzzy
26	Mr. J. Uday Venkatesh	315126514201, 199, 192, 205, 150	Dynamic Modelling and Simulation of Wind and Photo Voltaic Stand-Alone System
27	Mr. R.V.L.N. Divakar	315126514034, 027, 048, 047, 030, 040	Simulation Analysis of a New Control Method for Eliminating the 2 <sup>nd</sup> Harmonic at the DC Link of Shunt APF under Unbalanced and Non-Linear Load
28	Mrs. T.V. Subhashini	315126514104, 140, 076, 095, 141	Low-Frequency AC Transmission for Offshore Wind Power

29	Mr. E. Appanna	315126514166, 214, 175, 186, 182, 184	Modeling of Dynamic Voltage Restorer for the Compensation of Voltage SAGS & SWELLS
30	Mr. T. Subrahmanyam	315126514115, 121, 112, 114, 128, 135	Minimising Penalty in Industrial Power Consumption by Engaging APFC Unit
31	Mr. S.J.V. Prakash	315126514070, 032, 043, 003, 004, 055	Comparative Analysis of Different Modulation Techniques for Five Level Diode Clamped Inverter
32	Mr. M.S.M. Divakar	315126514159, 200, 156, 189, 216, 203	Comparative Analysis of 9 Level Cascaded H-Bridge and Diode Clamped Inverter Topologies
33	Mr. B. Satyanarayana	315126514050, 036, 015, 064, 009, 060	Voltage Improvement of Power System Analysis using Newton RAPHSON Method
34	Mr. A.V. Praveen	315126514158, 196, 170, 169, 148	Analysis of Fuzzy Logic Based Interline Unified Power Quality Conditioner for Micro Grid Voltage Regulation of Critical Load Bus
35	Dr. Nishant Patnaik	315126514033, 035, 007, 054, 067, 071	Performance Analysis of D-STATCOM for Power Quality Improvement using SRF Technique
36	Dr. Nishant Patnaik	3151265140111, 116, 120, 122, 126, 130	Automatic Sun Tracking System Integrated with Single Phase Single Level Inverter

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