

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

PROJECT TITLES
2019-20 Passed Out Batch (XVI Batch)

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1	Prof. G. Raja Rao	316126514148,156,157,182,198,203,208	Performance of PMSM Using SVPWM Technique for 2-Level Inverter
2	Prof. G. Raja Rao	315126514157,208,168,162,153	High Efficiency Bi-Directional Converter for Backup Energy Storage
3	Mr. V. Murali	316126514042,055,030,043,044,056,016	Solving Economic Load Dispatch Problem Using Nature Inspired Algorithms
4	Dr. J. Vijaya Kumar	316126514187,192,179,153,194,171,199	Application of Fact Devices for voltage Stability in A Power System
5	Mrs. K.V.R. Swathi	316126514002,021,003,023,057,040,001	Real Time Implementation of Auto Stabilizing System For Aircraft
6	Mr. B. Rajasekhar	316126514178,172,181,211,205,170,315126514063	Two Wheel Self Balancing Robot Using PID Controller
7	Mr. R. Satish	316126514051,046,010,059,069,072,053	Comparison of Load Flow Methods of Radial Distribution Networks
8	Mr. Ch.V.N. Raja	316126514176,145,149,162,155,168,209	Maximum Power Point Tracking of PV Module Using Perturb and Observe Algorithm
9	Mr. M. Sudheer Kumar	316126514054,004,006,070,037,060,013	Design And Simulation of A DC-DC Converter With PID Controller
10	Mr. L. Dinesh	316126514190,204,210,183,161,159,147	Load Frequency Control in Four Area Power System Using Fuzzy Logic PI Controller
11	Mr. S. Harish	316126514027,015,022,008,039,034,020	Closed Loop Speed Control of BLDC Motor for Small Scale Applications
12	Mr. L. Vijay	316126514195,175,165,152,177,163,146	A Comparative Analysis of DC-DC Converters

13	Mr. V. Anil Kumar	316126514201,164,174,206,184,160,158	A Novel 31-level Inverter topology with reduced number of switches
14	Mr. N. Kiran	316126514014,012,062,065,005,038	Space Vector Modulated Three Phase Indirect Matrix Converter
15	Mr. J. Uday Venkatesh	316126514079,094,129,117,077,081	Mitigation of Harmonics using Shunt Hybrid Power Filter
16	Mr. R.V.L.N. Divakar	316126514186,193,185,197,207,150,3151 26514163	Elimination of Harmonics By Using Current Control Strategies
17	Mrs. T.V. Subhashini	316126514009,007,033,011,049,071	Fabrication of Automated Process Application
18	Mr. T. Subrahmanyam	316126514169,191,173,202,212,167,3151 26514113,073	Single Phase Induction Motor Controlled with 9 Level Inverter
19	Mr. S.J.V. Prakash	316126514064,025,068,024,031,061	Unsynchronized Fault Location Based on the Negative-Sequence Voltage Magnitude for double-Circuit Transmission Lines
20	Mr. M.S.M. Divakar	316126514121,139,111,143,105,141	Neural-Network-Based Integrated Electronic Load Controlled for Isolated Asynchronous Generators in Small Hydro Generation
21	Mr. B. Satyanarayana	316126514196,189,154,200,188,151,3151 26514193,153	Contingency Analysis of 6 Bus and 30 Bus System and Voltage Improvement At Load Buses By using Statcom
22	Mr. S.Bala Murali	316126514128,107,073,075,080,130	Speed Control of BLDC Motor using FSMC – PWM Technique
23	Mrs. K.Lavanya	316126514132,135,110,093,103	Performance Analysis of Vector Controlled Two-Level Inverter Fed Permanent Magnet Synchronous Motor With PI Controller
24	Dr. T.Narasimhulu	316126514137,099,144,083,106,091	Development of Smart Irrigation Using IOT
25	Mr. Kavala Kiran Kumar	316126514124,123,126,100,092,138	Speed Control of BLDC Motor using ANN Tuned PID Controller

HOD of EEE