

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

PROJECT TITLES
2020-21 Passed Out Batch (XVII Batch)

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1.	Prof. G. Raja Rao	317126514103,115,064,105,120,094	Optimal design and control implementation of UPQC based on variable phase angle control method
2.	Dr. J. Vijaya Kumar	317126514142,123,168,121,134,136,160	Smart Home Energy Management System using MATLAB
3.	Dr. V. Murali	317126514020,318126514L12,L04,317126514007,025,016,055	Price based Automatic Generation Control
4.	Mr. S. Bala Murali	318126514L14,L19,L20,317126514062,101,077	Position Sensor less direct Torque Control of Brushless DC Motor Drives based sliding mode observer
5.	Dr. Nishant Patnaik	318126514L26,317126514159,318126514L38,317126514153,157,316126514119,317126514133	Power Quality improvement using shunt Active Power Filter
6.	Dr. Vijaya Bhaskar Somu	317126514036,002,026,001,011,318126514L09,317126514060	Simulation of A Piezoelectric Transformer driven Cockroft-Walton voltage multi power.
7.	Mr. Kavala Kiran Kumar	317126514149,318126514L34,317126514164,127,318126514L29,317126514140,315126514173	Harmonic elimination by shunt Active filter using PID Controller

8.	Mr. B. Rajasekhar	318126514L10,317126514057,028,056,032,012,318126514L11	Smart Solar AC Generator without Inverter
9.	Dr. R. Satish	317126514109,069,114,096,091,117	Analysis of Impacts of Distributed Generation on Unbalanced Radial Distribution Networks.
10.	Mrs. K. Lavanya	317126514129,165,318126514L39,317126514130,162,166,316126514041	A Unified Control and Power Management Scheme for PV battery based micro grid in Islanded Mode.
11.	Mr. Ch.V.N. Raja	318126514L06,317126514008,024,013,318126514L01,317126514003,318126514L07	Controlling of 1- \emptyset Off-Grid Inverter for small stand alone system Application
12.	Mr. M. Sudheer Kumar	317126514079,118,318126514L22,317126514116,100,070	D.C to D.C converters with P, PI, PID Controllers
13.	Mr. K. Trinadh Babu	317126514135,156,318126514L41,L32,L37,L44	Implementation of Solar PV-Battery & Deisel Generator Based Electric Vehicle Charging Station
14.	Mr. L. Dinesh	317126514058,053,019,014,318126514L08,317126514050,038	Design of Active Power filter for harmonic reduction in Power System
15.	Mr. S. Harish	318126514L15,317126514076,087,081,110,071	Modular Multi level Converter
16.	Mr. A. Dhanumjay Apparao	317126514137,151,167,170,318126514L31,317126514157	Analysis of Different PV Module connections under partial shading conditions using MATLAB simulink.
17.	Mr. L. Vijay	317126514059,318126514L05,317126514030,009,018,045,039	Low Frequency Power Transmissions
18.	Mrs. D. Srilakshmi	318126514L17,317126514085,104,072,065,119	Smart Street Lightning System (Hardware & Simulation)
19.	Mrs. V. Rangavalli	317126514152,132,318126514L30,317126514124,125,318126514L33	A Fully integrated Three level bolted Single stage AC-DC converter

20.	Mr. V. Anil Kumar	317126514042,046,027,033,006,043,029	A Novel 31 level inverter with reduced number of switches
21.	Mr. N. Kiran	317126514098,318126514L13,317126514106,089,067,099	Single Phase Multi-Level Inverter with Pulse Width Modulation Technique
22.	Mr. J. Uday Venkatesh	317126514138,145,122,161,318126514L43,317126514171	Voltage sag mitigation due to short circuit current using DVR based on hysteresis controller
23.	Mr. R.V.L.N. Divakar	317126514031,037,040,051,010,021,034	Control Strategy to reduce the harmonic content in the line current
24.	Mrs. T.V. Subhashini	317126514082,095,066,088,108,107	Low Frequency Transmission
25.	Mr. T. Subrahmanyam	317126514154,318126514L40,317126514139,126,155,146	IOT-Home Automation
26.	Mr. S.J.V. Prakash		
27.	Mr. M.S.M. Divakar	318126514L24,L16,L21,317126514111,075,112	Power Flow Enhancement by UPFC
28.	Mr. B. Satyanarayana		
29.	Dr. T.Narasimhulu	317126514048,318126514L02,317126514023,049,041,047,004	Analytical Calculation of Magnetic Field Distribution and Stator Iron Losses for Surface-Mounted Permanent Magnet Synchronous Machine.
30.	Dr. D. Rajesh	318126514L18,317126514074,063,073,084,061	Smart Solar Helmet
31.	Dr. M. Dhananjaya		

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