

SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
LIST OF PROJECTS FOR THE A.Y.2017-2018

S.NO	TITLE	GUIDE
1	Harmonic mitigation using active power filter	Mr. S. Nageswara Rao
2	Multilevel inverter FED Induction motor drive	Mr. S. Nageswara Rao
3	Wireless power transmission using Class - E Power amplifier from solar input	Mr. K. Satyanarayana
4	Power quality improvement using hybrid filters for the integration of hybrid distributed generations to the grid	Mr. K. Satyanarayana
5	Multilevel inverter topologies with reduced device counter	Mr. B. N. Jeevan Reddy
6	Single phase to single phase step down cyclo converter for electric traction applications	Mr. B. N. Jeevan Reddy
7	Transformer less DC to DC converter with high step-up voltage gain	Ms. P . Bhavana
8	A Voltage SAG supporter utilising a PWM switched auto transformer	Ms. P . Bhavana
9	Reduction of torque ripples in permanent magnet BLDC motor using DITC	Ms. T. V. Maha Lakshmi
10	Improvement of power quality in the distribution system by placement of UPQC	Ms. T. V. Maha Lakshmi
11	MPPT with current control for a PMSG small wind turbine in a grid connected DC micro grid	Mr. N. E. Keerthi Chandra
12	Power quality enhancement by using distributed power flow controller in distribution systems	Mr. N. E. Keerthi Chandra
13	Simulink modelling of PV Array with maximum power point tracking FED to load	Ms. D. Madhuri Srilatha
14	Simulation of modified perturb & observe maximum power point tracking technique for solar PV cell using MATLAB	Ms. B. Indraja

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