



SREE VIDYANIKETHAN ENGINEERING COLLEGE

(Autonomous)

Sree Sainath Nagar, Tirupathi – 517 102

Department of Electrical and Electronics Engineering

Major Equipments

Software:

- ❖ MiPower
- ❖ PSCAD
- ❖ MATLAB/SIMULINK
- ❖ Code Composer Studio
- ❖ ANSYS
- ❖ CATI

Hardware available:

- ❖ Programmable AC & DC Electronic Load
- ❖ Power Quality Analyzer
- ❖ Pyrano Meter
- ❖ Solar MPPT System
- ❖ Digital Oscilloscopes



Power quality analysis in Inverters room



Solar PV based battery charging system



Wireless remote based speed and direction control of Ceiling Fan



Single phase Inverter testing under loaded condition using lamps