



**EASWARI ENGINEERING COLLEGE**  
(An Autonomous Institution)

Bharathi Salai, Ramapuram, Chennai - 600 009



**Department of Electrical and Electronics Engineering**  
**Project Laboratory**

**List of Equipment:**

- Solar PV module training system with power analyzer
- Solar PV system with data logger
- Wind solar hybrid power system with micro wind energy
- Micro wind turbine PMSG
- Wind anemometer
- Power Analyzer(100MH, 1GS/s)
- Harmonic analyzer(Harmonic analyzer CW240F-with 4 nos of current clamps)
- Solar panel(250 Watts solar panel in roof top)
- Three Phase Power Quality and Energy Analyzer (600A Sensor-4 nos and Voltage cord L 1000-5 nos)
- DSPACE 1104 R&D Controller Board (Microtec PowerPC Cross Compiler)
- VI ARM – 09 – 2 Nos.
- ARM 9 Development Board  
(With Temperature Sensor, AC Motor, DC Motor and Stepper Motor - 3 Each) – 3 Nos.
- MSP430 Development Board – 3 Nos.
- Universal PIC Embedded Trainer Kit – 5 Nos.
- ATMEL Trainer Board – 5 Nos.
- Cool Runner CPLD – 2 Nos.
- MyRIO - Embedded Student Design Device – 4 Nos.
- MyDAQ with Driver Software – 5 Nos.
- Arduino UNO – 2 Nos.
- Raspberry PI 3B+ – 2 Nos.
- 100kV AC and 110 kV DC High Voltage Transformer
- Spherical, Needle and Cylindrical Electrode pairs

- Generation and Measurements of High voltage AC / DC Voltage
- Testing of DC/AC Dielectric behavior of Solid Insulating Material Under Transformer Oil
- Planetary ball mill (Retsch, Germany; Model: PM100)
- High temperature furnace(Kanthal, India)
- Breakdown tester(HI-VOLT, India; Model-AC100-5)