

DEPARTMENT OF ELECTRICAL ENGINEERING INDUSTRIAL POWER LABORATORY-4

DISTRIBUTED ENERGY RESEARCH LAB

(Supported by DST-FIST)

List of Major Equipment:

Sl No.	Equipment	Cost (Lakhs)	Year of Procurement
1.	Hybrid Generator Wind (1kW 24V) with Solar Panel (2kW)	14.0	2010
2.	Three Phase FACTS Controller	12.15	2010
3.	IGBT Based Power Module (PEC16DSM01)	1.0	2010
4.	AC/DC Electronic Load (ProDigit)	4.0	2010
5.	Electronic Power source (Pacific)	6.0	2010
5.	Solar Panel Based STATCOM Controller (110 V,1 kVA)	11.0	2011
6.	Three Phase IPM Based Power Module (PKC 16DSMO1)	0.75	2011
7.	Wind Generator Based STATCOM Controller(110 V,1 kVA)	10.0	2011
8.	dSPACE DS 1104 R&D Controller (DynaFusion Technologies)	6.85	2015
9	Digital Storage Oscilloscope 500MHz 2.5GS/s (Tektronix DPO3054A)	4.03	2015
10	3 phase inverter kit with FPGA control	06.33	2016
11	Source Measurement Unit Keithley 3450	04.70	2016
12	Weller Rework Station (WR2002)	01.30	2017
13	200MHz 4Ch Hand Held Oscilloscope (Tektronix THS 3000)	04.25	2018

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