

NAME OF THE DEPARTMENT	ADVANCED PROGRAMMING LAB		
ELECTRICAL AND ELECTRONICS ENGINEERING	SL. NO.	NAME OF ITEMS	QUANTITY
	1	PERSONAL COMPUTERS	34
	SL. NO.	NAME OF SOFTWARE	Number Of License
	1	E-TAP	5
	2	CASPOC	5
	3	Xi-Linx	20 users
	4	PS-CAD	5
	5	LABVIEW	1
6	Basic Package of E-learning environment for electrical machine.	20	

NAME OF THE DEPARTMENT	BASIC ELECTRONICS LAB		
ELECTRICAL AND ELECTRONICS	SL.NO.	NAME OF ITEMS	QUANTITY
	1	CRO	33
	2	POWER SUPPLY (DC)	10
	3	POWER SUPPLY (DC) (0-30V/3 Amp/5 Amp)	10
	4	FUNCTION GENERATOR	26
	5	DIGITAL AMMETER (20 μ A)	8
	6	DIGITAL AMMETER (200 mA)	2
	7	DIGITAL AMMETER (200 μ A)	9
	8	DIGITAL AMMETER (500 mA)	3
	9	ANALOG AMMETER DC (50mA)	10
	10	ANALOG AMMETER(25mA) DC	9
	11	ANALOG AMMETER(100mA) DC	10
	12	ANALOG AMMETER (10mA) AC	5
	13	ANALOG AMMETER (1A) AC	4
	14	ANALOG AMMETER (1A)DC	2
	15	TRAINER KIT	11
	16	MULTIMETER	10
	17	HIGH VOLTAGE DC POWER SUPPLY	11
	18	ANALOG AMMETER AC (10mA)	1
	19	ANALOG AMMETER DC (2A)	1
	20	ANALOG VOLTMETER AC (10V)	2
	21	Dual Power Supply	7

NAME OF THE DEPARTMENT	CONTROL SYSTEM LAB		
ELECTRICAL AND ELECTRONICS ENGINEERING	SL. NO.	NAME OF ITEMS	QUANTITY
	1	LINEAR SYSTEM SIMULATOR (TECHNO INSTRUMENTS)	5
	2	TEMPERATURE CONTROLLER SYSTEM WITH OVEN (TECHNO INSTRUMENTS)	5
	3	COMPENSATION DESIGN (TECHNO INSTRUMENTS)	5
	4	RELAY CONTROL SYSTEM (TECHNO INSTRUMENTS)	5
	5	DC POSITION CONTROL WITH MOTOR UNIT (TECHNO INSTRUMENTS)	5
	6	DC MOTOR WITH (TECHNO INSTRUMENTS)	6
	7	MOTOR UNIT	16
	8	LVDT TRAINER WITH LVDT UNIT (TECHNO INSTRUMENTS)	4
	9	STEPPER MOTOR KIT AND 8085 KIT	2
	10	LIGHT INTENSITY CONTROL WITH LAMP UNIT (TECHNO INSTRUMENTS)	4
	11	DIGITAL TO ANALOG CONVERTER	4
	12	SCADA TRAINER MODULES (ANALOGUE –DIGITAL-LIQUID LEVEL DEMONSTRATOR MODULE)	5
	13	DC SPEED CONTROL	7
	14	PID CONTROLLER (TECHNO INSTRUMENTS)	5
	15	POTENTIOMETRIC ERROR DETECTOR (TECHNO INSTRUMENTS)	5
	16	DIGITAL CONTROL SYSTEM	5
	17	8085 KIT	10
	18	MICROPROCESSOR DEVICE WITH 8085 CONTROLLER	5
	19	SYNCHRO DEVICES (TECHNO INSTRUMENTS)	4
20	STROBOSCOPE WITH TORCH (TECHNO INSTRUMENTS)	2	

21	AC POSITION CONTROL WITH MOTOR UNIT (SIBA INDIA)	3
22	AC SERVOMOTOR WITH MOTOR UNIT (TECHNO INSTRUMENTS)	4
23	DIGITAL STORAGE OSCILLOSCOPE (TEKTRONIX)	8
24	PRESSURE CONTROL LOOP TRAINER (KURUGANTI)	1
25	LEVEL CONTROL LOOP TRAINER (KURUGANTI)	1
26	FLOW CONTROL LOOP TRAINER (KURUGANTI)	1
27	ANALOG & DIGITAL MOTOR CONTROL TRAINER .	5
28	DC MOTOR SPEED CONTROL USING CHOPPER DRIVER MODEL PE-10	3
29	DIGITAL MULTIMETER	7
30	VOLTMETER	30
31	AMMETER	34
32	PERSONAL COMPUTERS	7

NAME OF THE DEPARTMENT	ECT LAB		
CTRICAL AND ELECTRONICS ENGINEERING	SL.NO.	NAME OF ITEMS	QUANTITY
	1	Decade resistance box 5 knobs	6
	2	Decade resistance box 6 knobs	3
	3	Decade condenser box 5 knobs	7
	4	Decade condenser box 4 knobs	1
	5	Decade inductance box 3 dials	4
	6	Decade inductance box 5 knobs	4
	7	Dc ammeter (0-50 MA)	5
	8	Dc ammeter (0-250 MA)	3
	9	Dc ammeter(0-100 MA)	3
	10	Dc ammeter (0-10 MA)	4
	11	Dc ammeter (0-500 MA)	1
	12	Dc ammeter (0-25 MA)	4
	13	Dc ammeter(0-10/20 A)	2
	14	Ac ammeter(0-250 MA)	3
	15	Ac ammeter (0-500 MA)	3
	16	Ac ammeter (0-100 MA)	3
	17	Ac ammeter (0-50 MA)	1
	18	Ac ammeter (0-10 MA)	5
	19	Ac ammeter (0-25 MA)	3
	20	Ac ammeter (0-10/20 A)	1
	21	Ac voltmeter (0-30 V)(Associated electrical& equipments corporation)	2
	22	Ac voltmeter(0-150/300 V)(Associated electrical& equipments corporation)	1
	23	Ac voltmeter(0-300/600 V)(Associated electrical& equipments corporation)	1
24	Dc voltmeter (0-30 V)	1	

25	Dc voltmeter (0-10 V)	1
26	Dc voltmeter(0-300V/600 V)	1
27	Dc voltmeter (0-5 V)	2
28	Dc voltmeter(0-150V/300 V)	1
29	Multimeter classic 333(Associated electrical& equipments corporation)	15
30	Digital Multimeter(Aplab ltd.)	15
31	Dual Dc Power Supply(Aplab ltd.)	5
32	Dual trace oscilloscope 20 MHZ(Aplab ltd.)	2
33	Adaptable power supply(Aplab ltd.)	2
34	Rheostat1.5 A,360 Ω (Sarada scientific Requirement)	5
35	Rheostat3.5 A,50 Ω (Sarada scientific Requirement)	5
36	Function generatorCounter 1 MHZ(systronics)(Sarada scientific)	6
37	Regulated bench ½ Rack adaptable power supply o/p 0-32v at0-2 amps (universal system banglore)	8
38	Regulated bench Rack adaptable,dual o/p power supply o/p 0-32 v at 0-1 amps(universal system banglore)	12
39	Rheostat(400 Ω /1 A)	1
40	Rheostat(50 Ω /3.5 A)	1
41	Rheostat(20 Ω /5.2 A)	2
42	Rheostat(10 Ω /8 A)	3
43	Rheostat(250 Ω /1.5 A)	3
44	Rheostat(360 Ω /1 A) (Associated electrical and corporation)	7
45	Rheostat(200 Ω /1.8 A)	4
46	Rheostat(0-100 Ω /3 A)(Sarda scientific)	4
47	Rheostat(0-200 Ω /1.8 A)(Sarda scientific)	3
48	Rheostat(0-500 Ω /0.8 A)(Sarda scientific)	3

NAME OF THE DEPARTMENT	ELECTRICAL DRIVE SYSTEMS LAB		
ELECTRICAL AND ELECTRONICS LAB	SL. NO.	NAME OF ITEMS	QUANTITY
	1	DC DRIVE DEMONSTRATOR KIT	1
	2	DC MOTOR,220V,1500RPM,.75/1 HP	1
	3	DC MOTOR SPEED CONTROL DEMONSTRATOR KIT	1
	4	AC SERVO MOTOR SPEED TORQUE DEMONSTRATION UNIT	1
	5	DC MOTOR,220V,1500RPM,.75/1 HP	1
	6	AC DRIVE DEMONSTRATOR KIT (1 PHASE)	1
	7	3 PHASE INDUCTION MOTOR WITH PERMANENT MAGNET DC MOTOR	1
	8	3 PH. CYCLO-CONVERTER KIT	1
	9	1 PH. INDUCTION MOTOR ,1500 RPM,.75/1 HP	1
	10	AC DRIVE DEMONSTRATOR UNIT KIT (3 PHASE)	1
	11	AC MOTOR SPEED CONTROL DEMONSTARTOR KIT	1
	12	3 PH. INDUCTION MOTOR,.75/1 HP,1400 RPM	1
13	1 PH. INDUCTION MOTOR,.75/1 HP,1400 RPM	1	

NAME OF THE DEPARTMENT	ELECTRICAL MACHINES LAB		
ELECTRICAL AND ELECTRONICS LAB	SL. NO.	NAME OF ITEMS	QUANTITY
	1	DC Shunt Motor Shunt Generator Set	3
	2	Cage Induction Motor with Mechanical Load	2
	3	Slipring Induction Motor with Mechanical Load	1
	4	Torque Slip Characteristics Of 3-Phase Slipring Induction Motor with Mechanical Load	1
	5	Gang Rheostat	1
	6	Auto Synchronous Motor with Mechanical Load	1
	7	DC Series Motor with Mechanical Load	1
	8	Measurement of Direct & Quadrature Axis Reactance of Synchronous Machines	1
	9	Predetermination of regulation of alternator by EMF,MMF,ZPF methods	1
	10	DC Shunt Motor # Alternator Set	4
	11	DC Compound Motor # Generator Set	3
	12	Shunt Motor Series Generator	1
	13	Measurement of Transient - Sub Transient synchronous reactance of Alternator	1
	14	Parallel Operation of Alternator Set	1
	15	V & Inverted V Curve of Synchronous Motor Set	1
	16	No Load & Block rotor Test on Induction Motor	1
	17	Compound Motor With Mechanical load	1
	18	Load Test on Induction Generator Set	1
	19	Load Test on 3 phase Squirrel cage Induction Motor	1
	20	DC Shunt Motor set	1

21	Load Test on 3 Phase Induction motor With Mechanical load	1
22	Lamp Load	1
23	Loading Rheostat	4
24	Single Phase Auto Transformer	3
25	Single phase Transformer	3
26	3 Phase Auto Transformer	4
27	Auto Transformer starter	3
28	3 Phase Transformer	2
29	1 Phase Transformer with 230V/200V/115V	1
30	Loading Inductor 1-Phase	1
31	3 Point Starter	15
32	4 Point Starter	1
33	Automatic Star Delta Starter	1
34	Semi Automatic Star Delta Starter	1
35	DC Power Supply(Battery Charger)	1
36	Rotor Resistance Starter	1
37	AC Distribution Panel	2
38	DC Distribution Panel	2
39	Laboratory Rectifier Panel	2
40	Cut Section Model of 1P Induction Motor	1
41	Cut Section Model of DC Motor	1
42	3 PHASE loading Inductor	3
43	Stop Watch	2
44	Insutester	1
45	Phase Sequence Indicator	2
46	Digital Tachometer Laser	5
47	Analog Tachometer(Mechanical)	2
48	Digital Tachometer Mechanical	8

49	Analog Tachometer(Teclock)	2
50	3 phase watt Meter	8
51	Wattmeter (AC/DC)	2
52	Wattmeter AC	1
53	Wattmeter LPF	1
54	Portable Single Phase Wattmeter	2
55	Portable 1 Phase LPF Wattmeter	2
56	Wattmeter (AC/DC) (5/10 A)	2
57	Wattmeter (AC/DC)(2.5/5A)	1
58	Rheostat(360 ohm/1.2A)	5
59	Rheostat(360 ohm/2A)	5
60	Rheostat(360 ohm/1.1A)	4
61	Rheostat(50 ohm/3.5A)	20
62	Ammeter AC(0-10/20A)	5
63	Ammeter AC(0-5/10A)	4
64	Ammeter AC(0-2.5/5A)	7
65	Ammeter AC(0-10A)	6
66	Ammeter DC (0-15/30A)	11
67	Ammeter DC(0-10/20A)	7
68	Ammeter DC(0-1A)	9
69	Ammeter DC(0-2A)	14
70	Ammeter DC(0-5A)	3
71	Voltmeter DC(0-300/600V)	7
72	Voltmeter DC(0-150/300V)	9
73	Voltmeter DC, (0-30V)	6
74	Voltmeter DC(0-600V)	4
75	Voltmeter DC,(0- 10V)	3
76	Voltmeter DC, (0-5V)	2
77	Voltmeter AC(0-300/600V)	11

78	Voltmeter AC(0-150/300V)	20
79	Voltmeter AC, (0-5V)	3
80	Voltmeter AC,(0- 30/60V)	6
81	Voltmeter AC, (0-30V)	4
82	Milli Ammeter DC(0-250 mA)	2
83	Milli Ammeter AC/DC(0-100 mA)	2
84	Electric Blower	1
85	Vaccum Cleaner	2
86	Loading Capacitor	1

NAME OF THE DEPARTMENT	MEASUREMENT LAB		
ELECTRICAL AND ELECTRRONICS ENGINEERING	SL. NO.	NAME OF ITEMS	QUANTITY
	1	analog- digital converter trainer kit (Sciencetech)	3
	2	analog-digital converter trainer kit (Lab electronics)	3
	3	Analog to Digital converter (SIBA)	6
	5	Standard Resistance box 0.001/0.01/0.1/1 ohm(OSAW)	4
	6	Standard Resistance 1 ohm & 0.1 ohm(Associate electricals)	4
	7	Standard cell box (OSAW)	2
	9	Stereo headphone (OSAW)	9
	10	3-Phase Energy meter (Associated engineers)	2
	11	1-Phase Energy meter (Associated engineers)	2
	12	CT-Test Set SILBU'S Comparative Deflection Type (Associated engineers)	1
	13	Standard CT 5A (Associated engineers)	3
	14	Crompton Potentiometer Wooden cased (OSAW)	5
	15	Phase shifting transformer/Power factor meter (Associated Engineers)	4
	16	Single output regulated DC Power supply (Aplab) (0-32; 0-2A)	4
	17	single DC power supply (0-30V,2A)Model No.L3202(APLAB)	4
	18	Dual output regulated DC power supply (aplab) (0-32V;0-2A)	2
	19	Dual DC Power Supply (0-30V,2A)(Model No.LD3202) (APLAB)	2
	20	10 Mhz Oscilloscopes (Aplab)	3
	21	200 MHz Digital Storage Oscilloscopes (Aplab)	1
	22	Galvanometer (NP) (30-0-30)	2
	23	Galvanometer (COSMO) (30-0-30)	3
	24	Galvanometer (OXFORD) (50-0-50)	3
	25	Galvanometer (OSAW) (25-0-25)	2
	26	Galvanometer (NP)(50-0-50)(Model 7618,7619,7617)	3
	27	Digital-Analog Converter Trainer Kit (IC 080)(Microtech)	

28	Digital to Analog Converter SDL-054 (SIBA)	2
30	Model M-1200 PLC Trainer with accessories (Allen Bradley)	1
31	Maxwell bridge with Headphones (OSAW)	3
33	Schering bridge with headphone (OSAW)	3
35	Anderson Bridge with headphones (OSAW)	3
37	Wheatstone bridge 32042 (OSAW)	2
39	Wheatstone bridge Wooden cased (OSAW)	1
40	Kelvin's Double bridge (OSAW)	3
41	OSAW Kelvin Double Bridge	2
42	Wooden cased Polar Type AC Potentiometer	1
43	100 Mhz, 4 channel Digital Storage Oscilloscope (Techtronix)	2
44	8-BIT Analog-Digital Converter Kit (Omega)	
45	Data acquisition kit (Kethley)	1
46	True RMS Main power meter auto scan (Model 5050P and 5050) (Aplab)	2
47	Variable Heavy Duty DC source (Model 729) (0-15V;10A)(OSAW)	1
48	Spot Vibration Galvanometer (V.G-99.254)(50+-Hz)	1
49	Rheostatic Load (3ph & 1ph) (Associate Engineer)	2
50	Galvanometer 30-0-30 (Associate Electricals)	6
51	AE make 1 phase autotransformer input 230V,output 0-270V 8amps closed type (Associate electricals)	1
52	Continuously variable heavy duty source (upto 10 amps) (Associated Electricals)	2
53	Dual trace Oscilloscope 20 MHz (Aplab)	7
54	36 CH 100MS/S logic analyser	1
55	digital multimeter 3 3/1 digit VC97 sr-no-998010421-430 (Aplab)	10
56	probe for oscilloscope 60MHz 306T (APLAB)	12
57	Digital storage oscilloscope. Model : TBS 1062,2 channels,1GS/S,Color display,16MHz(Textronix)	4
58	Digital Earth Resistance Tester. Model No. ERT-1501(Metravi make)	1
59	AE make Single Phase Auto Transformer,230V,10A(Manorama enterprise)	2

	60	Pressure Transducer Experiment Model AM-19(kuruganti computers pvt. Ltd).	1
	61	Piezo Electric Transducer Module. Model DM-2 (kuruganti computers pvt. Ltd)	1
	62	Personal Computers	1

NAME OF THE DEPARTMENT	MICROPROCESSOR AND MICROCONTROLLER LAB		
ELECTRICAL AND ELECTRONICS ENGINEERING	SL. NO.	NAME OF ITEMS	QUANTITY
	1	PIC FLASH BURNER with power adapter	1
	2	INTELLIGENT UNIVERSAL BURNER with power adaptor	1
	3	MAX 8550 3 IN 1 REWORK STATION	1
	4	MICROPROCESSER WHITE BOX MODULES	8
	5	MICROPROCESSER BLUE BOX MODULES	12
	6	LINUX STARTER KIT IN WOODEN BOX	1
	7	ESA 51 MICROPROCESSOR KIT	1
	8	STEPPER MOTOR(part of SMIT/EE/UC LAB/SM/01-04)	4
	9	GRAPHIC LCD INTERFACING KIT FOR 8051	1
	10	ARM PROCESSOR KIT IN WOODEN BOX	2
	11	RTC CHIP KIT FOR 8051 IN WOODEN BOX	2
	12	STEPPER MOTOR KIT FOR 8051 IN WOODEN BOX	2
	13	MINI ARM MICROCONTROLLER KIT	5
	14	TRAFFIC LIGHT KIT FOR 8051 IN WOODEN BOX	2
	15	DAC KIT FOR 8051 IN WOODEN BOX	2
	ADC KIT FOR 8051 IN WOODEN BOX	2	

17	7 SEGMENT LED KIT FOR 8051 IN WOODEN BOX	2
18	LCD MATRIX KEYBOARD KIT FOR 8051 IN WOODEN BOX	3
19	RF ID KIT	2
20	8051 KIT	8
21	RF KIT FOR 8051	1
22	FINGERPRINT KIT MODULE	1
23	RESISTIVE TOUCH SCREEN MODULE	1
24	THERMAL PRINTER KIT	1
25	DSP KIT	2
26	LABVIEW ELVIS-II KIT	1
27	PIC MICROCONTROLLER KIT	2
28	8085 KIT ESA 85-2	10
29	8085 KIT ESA 85-3	15
30	8085 KIT IN WOODEN BOX	6
31	8086 KIT IN WOODEN BOX	6
32	XELTEK BURNER	1

NAME OF THE DEPARTMENT	POWER ELECTRONICS LAB		
ELECTRICAL AND ELECTRONICS ENGINEERING	SL. NO.	NAME OF ITEMS	QUANTITY
	1	Force Commutation Power Circuit Study Unit (Pragna Make)	4
	2	1- \emptyset Parallel Bridge Inverter (Pragna Make)	3
	3	1- \emptyset Bridge Inverter Firing Circuit (Pragna Make)	4
	4	DC Chopper (Jone's Chopper) (Pragna Make)	4
	5	1- \emptyset Isolation Transformer (230V)	3
	6	1- \emptyset Fully Controlled Converter Power Circuit (Pragna Make)	4
	7	1- \emptyset Converter Firing Circuit (Pragna Make)	4
	8	1- \emptyset Induction Motor Drive (Pragna Make)	2
	9	Single phase induction ac power controlled .AC Motor (0.5 HP, 3A/220V) (Premier Make)	2
	10	DC motor 220v/1500rpm/1hp DC Separately Excited Motor (Meghna Make)	2
	11	DC Chopper Firing Circuit(Pragna Make)	5
	12	Aplab High Volt 12-300V DC/1A Regulated Power	10
	13	SCR Inverter Module (Pragna Make)	4
	14	Aplab 9 in 1 Test Model (4049)	2
	15	Analog IC Tester (MME LICT 20)	1
	16	Dual Trace Oscilloscope (Aplab 20 MHz)	1
	17	Dual Trace Oscilloscope (Systronics 20 MHz)	1
	18	Digital Storage Oscilloscope(Instek-GDS 8205) 150 MHz	1
	19	Spectrum Analyzer (GW INSTEK) (GSP-810)150 kHz – 1000 MHz	1
	20	Step-up Transistorised Chopper (Adtron-8533)	1
	21	Step-down Transistorised Chopper (Adtron-8534)	1
	22	1 \emptyset PWM Inverter using transistor (Adtron-8527)	1
	23	DV/DT limitation of SCR (Adtron-2026)	1
	24	1 \emptyset Ramp Comparator Firing Circuit for SCR(Adtron-8508)	1

25	Morgan's Chopper (Adtron-8532)	1
26	Voltage Commutated Chopper (Adtron-8531)	1
27	SCR Series Inverter (Adtron-8523)	1
28	3 ϕ Cycloconverter (Adtron-8255)	2
29	1 ϕ Cycloconverter (Adtron Make)	4
30	1 ϕ Bridge Inverter using IGBT (Adtron-8529)	1
31	Firing Circuit using Cosine Wave Scheme (Omega-PET425) S.No.:96527	1
32	Firing Circuit using Ramp Comparator Scheme (Omega Make)S.No.:96517	1
33	SMPS (Flyback) (Powercon Make)	3
34	SMPS (Full-Bridge)(Powercon Make)	3
35	SMPS (Half-Bridge)(Powercon Make)	3
36	SMPS (Push-Pull)(Powercon Make)	3
37	UJT & Its use an an Relaxation Oscillator (Powercon Make)	2
38	SCR & AC Phase Control (Powercon Make)	2
39	SCR Triggering Circuit using (Powercon Make)	3
40	1 ϕ MOSFET Chopper PWM Converter (24V DC)(Powercon Make)	3
41	Firing Circuit with Ramp Comparator with Power Supply (Powercon Make)	3
42	Firing Circuit using Cosine Wave (Powercon Make)	3
43	3 ϕ Full-wave Half-Controlled Bridge Rectifier (Powercon Make)	2
44	Zero Voltage Switching (Powercon Make)	3
45	Zero Current Switching (Powercon Make)	3
46	Study of VI Characterisitcs of IGBT (Powercon Make)	3
47	Study of VI Characteristics of BJT (Powercon Make)	3
48	SCR Parallel Inverter (Adtron-8524)	1
49	STUDY OF V-I Characteristics of MOSFET	3
50	PLC Trainer Model for Lift	1
51	PLC Unit for Seven Segment Display (Vinytics Make)	1
52	PLC Unit for Pick & Place Module	1
53	PLC Demonstration Trainer (VPL Infotech Make)	1

54	PLC Unit for Starter Control & Star-Delta Starter Module(VPL Infotech Make)	1
55	PLC Unit for Sequential Switching Module(VPL Infotech Make)	1
56	PLC Unit for Fan controller Module	1
57	PLC Unit for Spot Resistance Welding Module	1
58	Keyboard for PLC Unit(VPL Infotech Make)	1
59	Rheostat (500 Ω /0.8 A)(RHEOSTAT Make)	2
60	Rheostat (360 Ω /1 A)(OSAW Make-410)	4
61	Rheostat (345 Ω /1.2 A)(RHEOSTAT Make)	1
62	Rheostat (220 Ω /2 A)(RHEOSTAT Make)	1
63	3 \emptyset Auto-Transformer(0-100 V)(Universal Systems Make)	1
64	3-PH auto-transformer(0-100)V Automatic electric ltd	1
65	1 \emptyset Auto-Transformer(0-270 V, 15 A)(Allied Transformer Make)	2
66	1 \emptyset Auto-Transformer(0-270 V, 10 A)	2
67	1 \emptyset Inductive Load(0-10A, 250V, 1HP, 60 Hz)(Associate Engineers Make)	1
68	1 \emptyset McMurray Bedford Inverter Power Circuit(Pragna Make)	4
69	Three-phase loading rheostat – 3 KW, 7A Make: Galaxy India	2
70	Single-phase loading rheostat – 3 KW, 12A Make: Galaxy India	1
71	Three phase SCR Module(PEC14HV5P)Make: Vi-Microsystem	1
72	Chopper Inverter PWM Controller(PEC16HV2B)Make: Vi-Microsystem	1
73	Three phase parallel inverter(PEC14M7HV)Make: Vi-Microsystem	1
74	Single Phase SCR Bridge Converter (PEC14M14FW)Make: Vi-Microsystem	1
75	Three phase half wave Cycloconverter(PEC14HV11)Make: Vi-Microsystem	1
76	Dual Converter Power Module (PEC20M1)Make: Vi-Microsystem	1
77	SCR Triggering Module (PEC20M2)Make: Vi-Microsystem	1
78	Regulated Dc Power Supply (TPS – 500) 30V, 2A Make: Techlab Electronics	1

79	SCR Series Inverter (PEC14M6) Make: Vi-Microsystem	1
80	Three phase half controlled converter (TPET – 16) Make: Techlab Electronics	1
81	Three phase fully controlled converter (TPET – 17) Make: Techlab Electronics	1
82	Tektronix 100A, 100 KHz, AC/DC current probe Model : A622 Make: Tektronix	1
83	Aplab 1 MHz Multiwaveform Signal Generator Model: MSG1M, Make: Aplab	10
84	Three phase supply panel	3
85	Speed control of single phase induction motor Model-PEC14HVAC	1
86	DIGITAL PID CONTROLLER	1
87	INDUCTION MOTOR WITH LOAD S1 and S2	1
88	AC PHASE CONTROL USING DIAC & TRIAC Model-PEC14M22	1
89	IGBT, MOSFET, SCR, TRIAC, STATIC CHARACTERISTICS STUDY MODULE Model-PEC16M1A	1
90	Tektronix 40 mhz two channel DSO(TDS1001C-EDU	1
91	Tektronix 100 mhz four channel DSOMAKE-Tektronix	3
92	Tektronix 100 mhz 2 channel DSO(TDS2012B)MAKE-Tektronix	3
93	Digital Multimeter(Classic-333 Make)(WHITE)	17
94	Digital Multimeter(DM3750-D) AND DM352 BLACK (MOTWANE Make)	20
95	Digital Multimeter(DT8300)(Unity Make)	21
96	Aplab regulated bench ½ rack adoptable power supply output (0-32 v)/2 amp Model No L3202	10
97	Single dc power supply aplab output voltage (0-30 v)/2 amp Model NO 3202	6

NAME OF THE DEPARTMENT	POWER SYSTEM LAB		
ELECTRICAL AND ELECTRONICS LAB	SL. NO.	NAME OF ITEMS	QUANTITY
	1	Current injector 200A	1
	2	Digital timer along with start and stop arrangement to measure time interval from 0.1 to 99 sec	3
	3	Differential protection scheme based relay for alternator protection	1
	4	Differential protection scheme using microprocessor based relay for Transformer	1
	5	Three point starter	1
	6	Experimental setup for characteristics of induction disc relay 5A/MCB/fuse	1
	7	Mp based over current relay trainer	1
	8	PSCAD academic 5 user software	1
	9	Variable AC current source.	1
10	Computer HP make	2	