

SSVPS's BAPUSAHEB SHIVAJIRAO DEORE COLLEGE OF ENGINEERING, DHULE

DEPARTMENT OF ELECTRONICS ENGINEERING

LAB WISE EQUIPMENT LIST

LAB NO.B-242 NETWORK & ECD LAB

Sr.No.	Name of Equipment	Quantity
1	C.R.O.15 Mhz	11
2	Fanction Genrator	10
3	Digital Multimeter	15
4	Analog Multimeter	1
5	Single Power Supply	6
6	Dual Transister Power Supply	14
7	Multifunction oscillator	1
8	Inductor Box	3
9	Conductor Box	1
10	Decad Resistance Box	2
11	M Drive Band Pass Filter	1
12	Lowpass/Bandpass Filter	1
13	Series/Parallal Resonce	1
14	Pasiv Filter	1
15	Transmition Line Kit	2
16	HCL PC	5
17	Hand Held DMM	2

LAB NO.B-230 MEDICAL/E.M. LAB

Sr.No.	Name of Equipment	Quantity
1	C.R.O.20 Mhz	7
2	C.R.O.25 Mhz	2
3	Digital Scope 50 Mhz	1
4	Fanction Genrator	9

5	Digital Multimeter	6
6	Single Power Supply	6
7	Dual Transister Power Supply	7
8	Multifunction oscillator	2
9	Digital L. C. R. Meter	2
10	Distortion Facetor Meter	7
11	Auto L. C. R. Meter	1
12	X.Y.Recorder	2
13	Spectrophoto Meter	2
14	Univarsal Frequncy Couner	2
15	PC based Spectrum Analyser	1
16	LVDT kit	2
17	Hays Bridge kit	4
18	schering Bridge kit	4
19	Kelvin Bridge kit	4
20	Max well Bridge kit	3
21	Wheatstone Bridge kit	2
22	Bridge Power supply	4
23	Wein Bridge kit	1
24	LCR Bridge kit	1
25	VR Tube charact.kit	1
26	TTL Impedance bridge	1
27	PID Control kit	1
28	Allaram Annanciator kit	1
29	LVDT & Inductive pick up kit	1
30	Polygraph with Amplifier	1
31	ECG Simulator kit	2
32	Temp. Monitor kit	1
33	Pace maker Patient Simulter kit	2
34	ECG Hartrate Alaram System kit	1

35	Blood Pressure Measurment	1
36	Internal / Ext.pace maker	1
37	On Demand pac maker kit	1
38	Surgical Ditherpy M/C	1
39	Nabuliser	1
40	Heart Beats by Telemetry wireless M/C	2
41	Ultra sonic Therapy M/C	1
42	Pressure Transducer Dead weight	1
43	Digital IC Tester	1
44	PID Control kit & Distortion genrator	2
45	Hand Held DMM	2

LAB NO.B-240 PROJECT/EWS LAB

Sr.No.	Name of Equipment	Quantity
1	C.R.O.	12
2	Fanction Genrator	14
3	Digital Multimeter	18
4	Analog Multimeter	2
5	Single Power Supply	13
6	Dual Transister Power Supply	9
7	Multifunction oscillator	4
8	AF Genrater	3
9	Hand held Multimeter	9
10	IC Tester	1
11	Transister tester	1
12	Opamp tester	1
13	Bread Board (Plate)	7
14	Opamp parameter Kit	1
15	Digital Power Supply Kit	2

16	LCR Q Meter	1
17	Hand Drill M/C	1
18	UP Programmer PIC for IC	1
19	HC P4 PC	5
20	Basic PCB Lab with 11 Diff. Equip	11

LAB NO.B-229 DIGITAL/AICA LAB

Sr.No.	Name of Equipment	Quantity
1	Digital Trainer kit Micro Controller Based	10
2	Micro Controller Based LIC Trainer Board	10
3	Digital IC Tester Data Processer	1
4	Omega IC Tester	1
5	Mechatronics IC Taster	1

LAB NO.B-227 COMPUTER LAB

Sr.No.	Name of Equipment	Quantity
1	Education Trainer Kit DMS 1522	1
2	Add on card PCL 812	1
3	Modelsim Xilinx Software	1
4	Vevert Protoboard Software	1
5	Wipro P4 PC GLP	5
6	Wipro Athlan 1700 PC	24
7	SP 7.5 kva Srvo Stab	1
8	D Link Switch	2
9	HCL P4 Infinity PC	8
10	LCD Projector	2
11	Mat Lab Software	10
12	HCL C2 D 2.66 PC	12

13	HP 1018 Laser Printer	2
14	HPN 2400 Scanner	2
15	Windows Vista Business Software	10
16	HPG 42 Series Lap Tap	1
17	HP 1020 Laser Printer	5
18	HCL Infinity Inter Care i3 PC	30
19	Dyna 85 UP Kit With SMPS	15

LAB NO.B-135 ELECTRICAL LAB

Sr.No.	Name of Equipment	Quantity
1	AC AMMETER	19
2	DC AMMETER	18
3	AC/DC AMMETER	5
4	DC VOLTMETER	8
5	AC VOLTMETER	21
6	WATT METER	18
7	3 PHASE 2 ELEMENT POWER FACTOR METER	2
8	SINGLE PHASE POWER FACTOR METER	2
9	FREQUANCY METER	2
10	SINGLE PHASE AUTO TRANSFORMER	5
11	3 PHASE AUTO TRANSFORMER	6
12	CORE TYPE TRANSFORMER	2
13	REHOSTAT	35
14	RECTIFIER	1
15	3 POINT STARTER FOR DC MACHINE	6
16	4 POINT STARTER FOR DC MACHINE	3
17	D.O.L. STARTER	3
18	STAR DELTA STARTER	2
19	CLAMP TESTER	2
20	TECHOMETER	10

21	STOPWATCH	1
22	PHASE SEQUANCE INDICATOR	1
23	DC VOLT METER PORTABLE TYPE	8
24	AMETER POTRABLE TYPE AC / DC	4
25	AC VOLT PORTABLE	7
26	DC AMETER PORTABLE	3
27	MULTI METER	1
28	PREQUANCY METER	2
29	ENERGY METER	1
30	DC MACHINE	8
31	ALTERNATOR SINGAL PHASE	1
32	REPULSION MOTOR	1
33	SINGLE PHASE MOTOR	1
34	3 PHASE SQUIRREL INDUCTION MOTOR	1
35	POST OFFICE BOX	2
36	SYNCHRONOUS MOTOR	1
37	MEGGER	1
38	LOADING RHEOSTAT	1
39	3 PHASE POWER FACTOR METER	2
40	DC SHUNT MOTOR COUPLED 3 PHASE ALT	1

LAB NO.B-133 MECHATONICS LAB

Sr.No.	Name of Equipment	Quantity
1	PROXIMITY SENSOR	1
2	ELECROPNEUMATIC & AIR COMPRESSOR	1
3	PLC PROGRAMMING	1
4	ELECTRO HYDRAULIC	1
5	TRANSDUCER RTD THERMO COUPLES	1
6	CONTROL VALVES	1
7	PRESSURE CONTROL	1

8	HEAT EXCHANGE	1
9	SCADA SYSTEM	1
10	AIR COMPRESSOR	1
11	TEMP. SENSOR	1
12	V R TUBE CHARACT KIT OMEGA	1
13	MULTI FUNACTION OSCILLATOR	1
14	T.T.L. IMPEDANCE BRIDGE	1
15	PID CONTROL KIT PURNIMA	1
16	ALLARAM ANNANCIATOR KIT	1
17	LVDT & INDUCTIVE PICK UP KIT ARE	1
18	PRESSURE TRANSDUCER (RAVIKA) DEAD WEIGHT	1
19	DISTORTION GENERATOR	2

LAB NO.B-225 POWER ELECTRONIC LAB

Sr.No.	Name of Equipment	Quantity
1	Power Scope	8
2	C.R.O.	15
3	Fanction Genrator	11
4	Digital Multimeter	19
5	Single Power Supply	14
6	Dual Transister Power Supply	7
7	High Current Power Supply	2
8	Hand held Multimeter	2
9	AC Motor serovo Demo Kit	5
10	DC Motor Servo Demo Kit	5
11	Induction Heating Demo Kit	1
12	2 Phase AC Servo Motor	1
13	Stepper Motor Demo Kit	2
14	Synchro Resolver Demo Kit	1
15	Single Phase PWM Invertor	1

16	Three Phase Induction motor	1
17	Rheostat	4
18	DC Motor with Assembly	1
19	Microprocesser Kit	7
20	SMPS	5
21	3 Phase Auto Transformer	1
22	Thyset 5/6 SMR	1
23	SCR Charecteristic	1
24	UPS Demo Kit	1
25	Snubber Ckt Kit	1
26	IGBT Gate Triggering Ckt.	1
27	Decade Con. Box.	4
28	3 Phase Digital Power Fact.Meter	1
29	Non Contact Type Tachometer	2
30	Power Quality& Energy Analyser Fluk 435-2	1
31	V F D Based 3Phase Induction Motor Drive	1
32	3-Phase Converter Based D. C. Motor Drive	1
33	!-Phase Converter Based D. C. Motor Drive	1

LAB NO.B-244 Communication Lab

Sr.No.	Name of Equipment	Quantity
1	C.R.O.	17
2	Fanction Genrator	6
3	Digital Multimeter	7
4	Single Power Supply	7
5	Dual Transister Power Supply	8
6	Multi Function Oscillator	1
7	AF Generator	13
8	Analog Multimeter	1
9	AC Milivoltmeter	6

10	Distortion Factor Meter	1
11	Frequency Counter	3
12	Pulse Generator	1
13	Signal Digitizer	2
14	PC (Computer)	5

LAB NO.B-246 BASIC ELECTRONIC LAB

Sr.No.	Name of Equipment	Quantity
1	C.R.O.	18
2	Fanction Genrator	14
3	Digital Multimeter	23
4	Single Power Supply	9
5	Dual Transister Power Supply	8
6	Fix Power Supply	3
7	Analog Multimeter	7
8	Decade Resistor Box	1
9	Single Phase Autotransformer	1
10	Rheostat	1