



Laboratory Equipment List with cost

Lab 1- Analog & Digital Electronics Laboratory

AY 2025-26

Sr. No.	Name of Equipment	Major/Minor	Qty	Total Cost (Rs)	Deadstock number	Status Working/ Not Working
1	PIC 18F4550 Microcontroller Development Boards Make Logsun Systems	Minor	15	147500	COET/ET/04/08/2.1 TO 2.15	Working
2	Microcontroller 8051 Kits- Make Logsun Systems	Minor	10	106200	COET/ET/04/08/3.1 to 3.10	Working
3	10MHz Function Generator make Scientech 4062	Minor	3	72570	COET/ET/04/05/2.1 TO 2.3	Working
4	100 MHz DSO make Righol	Minor	4	148680	COET/ET/04/04/2.1 TO2.4	Working
5	Multiple DC Power Supply Scientech 4077	Minor	5	138650	COET/ET/04/05/3.1 TO 3.5	Working
6	Microcontroller 8051 Development Boards with interfacing with LED,LCD, 7 Segment display,4X Keyboard , ADC /DAC, Stepper & DC Motor Board	Minor	5	50150	COET/ET/03/99/3.1 to 3.5	Working
7	Stepper Motor controller	Minor	1	20193	COET/ET/03/96/2.2	Working
8	Induction Motor controller using V/F PWM Method	Major	1	70947	COET/ET/03/96/2.3	Working
9	Brushless D. C.Motor Drive	Major	1	76405	COET/ET/03/96/2.1	Working
10	50MHz DSO	Minor	2	46000	COET/ET/03/75/2.3& 2.5	Working
11	25MHz DSO	Minor	1	18844	COET/ET/03/52/2.7	Working
12	Microcontroller 8051 Development boards Make Logsun Systems	Minor	3	12487	COET/ET/02/40/1.2,1.3, 1.5	Working
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13	Interfacing Board s LED, 7 segment Display, ADC/DAC, Stepper Motor	Minor	9	9052	COET/ET/02/46/3.1 &3.2, COET/ET/02/44/1.1-1.2, COET/ET/02/44/3.1-3.2, COET/ET/02/45/3.1	Working
14	PIC 18F4550 Development Boards	Minor	10	91600	COET/ET/03/63/2.1 TO 2.10	9 Working
	Interfacing Boards ,LCD , Keyboard interfacing, DC Motor, stepper motor, EEPROM interfacing card, I/O interfacing, 7 Segment + Keyboard,8-Bit ADC-DAC for PIC Boards Logsun Systems	Minor	18		COET/ET/64/1.1 - 1.5 , COET/ET/03/65/1.1-1.2 , COET/ET/03/64/2.1-2.2 , COET/ET/03/86/2.1 - 2.2 , COET/ET/03/64/3.1-3.2, COET/ET/03/63/3.1 - 3.3, COET/ET/03/86/3.1, COET/ET/03/87/1.1	Working
15	DTH TV Trainer	Major	1	47250	COET/ET/03/49/3.1	Working
16	Wi-Fi TV Trainer	Minor	1	37125	COET/ET/03/50/1.1	Working
17	DVD Player Trainer	Minor	1	22500	COET/ET/03/50/2.1	Working
18	LED TV Trainer	Minor	1	37275	COET/ET/03/80/3.1	Working
19	TV Trainer (Sciencetech)	Minor	1	29820	COET/ET/03/80/1.1	Working
20	Pattern Generator	Minor	2	9585	COET/ET/03/80/2.1	Working
21	TV-PHX & HIGHTECH	Minor	2	19887	COET/ET/02/29/2.1 &COET/ET/02/89/3.1	Working
22	Desktop Intel core i5 ,8 Gb RAM,256 GB SSD,18.5 ", Monitor, USB Keyboard & Mouse make-HP	Minor	22	585398	COET/ET/03/95/2.23 TO COET/ET/03/95/2.44	Working



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Sr. No.	Name of Equipment	Major/Minor	Qty	Total Cost (Rs)	Deadstock number	Status Working/ Not Working
23	Desktop Intel Core i3 ,4 Gb RAM,300GB HDD Monitor USB keyboard & Mouse make Lenovo	Minor	5	169800	COET/ET/03/66/2.3,2.4, 2.6,2.7,2.8	Working
24	25 MHZ DSO Make-Scientech	Minor	2	35175	COET/03/52/2.2 & COET/ET/03/52/2.1	Working
25	Function Generator 10MHz Make-Scientech	Minor	5	37537	COET/ET/03/52/3.1,3.2,3.3,3.4, 3.5	Working
26	Multiple Power Supply	Minor	10	90400	COET/ET/03/68/3.1 TO 3.10	Working
27	Antenna Trainer kits	Major	5	300937	COET/ET/03/45/1.1 TO 1.5	Working
	RF DETECTOR 2261		10		COET/ET/03/45/1.6a & b, COET/ET/03/45/1.7a & b, COET/ET/03/45/1.8a & b, COET/ET/03/45/1.9a & b, COET/ET/03/45/1.10a 7b	Working
28	Stepper Motor controller Amitech	Major	2	230985	COET/ET/03/47/1.1b,1.1a	Working
	Microwave Antenna Trainer system		1		COET/Et/03/47/1.2a	Working
	Conical horn		2		COET/ET/03/47/1.2b1 &b2	Working
	Parabolic Dish		1		COET/ET/03/47/1.3	Working
	DRO RX &TX		2		COET/ET/03/47/1.4 & 1.5	Working



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29	UPS 6KVA Eaton make	Major	1	68440	COET/ET/03/81/3.1	Working
30	Desktop Intel Core i3 ,4 Gb RAM,300GB HDD,Monitor USB keyboard & Mouse make Lenovo	Minor	1	25200	COET/ET/03/53/1.4	Working
31	Computer System core 2 duo, 2.93 Ghz,6 GB RAM,300 GB HDD,TFT Monitor, USB Keyboard & Mouse Make- Acer	Minor	5	112615	COET/ET/03/43/1.12,1.13,1.9, 1. 10,1.18	Working
32	16 Port/24 Port Switch Dlink	Minor	3	19600	COET/ET/03/51/3.1,3.2 & COET/ET/03/01/2.1	Working
33	LaserJet Printer HP 1007	Minor	2	11200	COET/ET/03/41/2.7 & 2.4	Working
34	D.S.O.25 MHz	Minor	4	75600	COET/ET/03/42/2.1 TO 2.4	Working
35	Signal Generaor 2 MHz	Minor	2	16182	COET/ET/02/30/2.2 &2.5	Working
36	Function Generator2 MHz	Minor	2	16086	COET/ET/03/42/3.1& 3.4	Working
37	PIC Trainer	Minor	2	15750	COET/ET/03/46/1.1-1.2	Working
38	Multisim7(5Users)+ Ultiboard7(10Users)	Major	1	214500	COET/ET/02/43/3.1 &3.2	Working

Total Cost of Equipment: 32,38,125 /-