



CEE Laboratories Equipment's (2022-2023)

Department	Communication and Electronics Engineering Department	
Laboratory Name	Basic Electronics & Digital Logic Circuits Laboratory	
Courses Offered	ELE 322	Electronics Engineering
	ELP 361	Power Electronics
	ELE 321	Electronic Circuits
	ELE 221	Digital & Logic Circuits
	ELE 222	Electronic Devices
Laboratory Location	Located on the 2 nd floor in Building B	
SN#	Instrument Name	Quantity
1	Mini Bench Drill	1
2	UNI-T UTG932E (Function / Arbitrary Wave Form Generator (30MHZ,200MSa/S))	2
3	Computer Screen	2
4	Processor Core I3	1
5	ZHAOXIN - DC Power Supply - RXN-305D	2
6	UNI-T - UTD205CL (50MHZ-500Ms/s)- Digital Storage Oscilloscope	2
7	Oscilloscope (MCP) - DQ6052E - Digital Storage Oscilloscope	3
8	AVO Meter	5
9	EMONA.Telecoms-Trainer101	3
10	AT-700 Portable Analog / Digital laboratory	5
11	Basic -I lab11(Electric and Electronic and Experiment)	1
12	Semiconductor Device	1
13	Oscillation Circuit	1
14	Pulse Circuit	1
15	Modulator / Demodulator	1
16	Interface / D-A Converter Circuit	1
17	A-D Converter Circuit	1
18	Operation Amplifier	3
19	Amplification Circuit	2
20	DC Power Circuit	2
21	HBE-Logic Circuit-Digital System	1
22	PCB Universal Board	1
23	4Bit Adder (7483)	4
24	2*4 Decoder (74139)	1
25	7 Segment Decoder (7447)	1
26	3*8 DE MUX (74138)	1
27	JK Flip- Flop (7476)	3
28	HEX D Flip-Flop (74174)	1
29	D Flip-Flop (7474)	4



30	XOR (7486)	2
31	Full Adder	2
32	AND (7408)	3
33	NOR (7402)	2
34	OR (7432)	2
35	NAND (7400)	2
36	NOT (7404)	3
37	Half Sub-tractor	2
38	Half Adder	2