

M.J.D. GOVT COLLEGE TARANAGAR (CHURU)

Department of physics

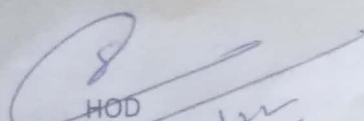
Apparatus list

Date 18/10/2022

Sr. No.	Apparatus name	Number
1.	Diode and zener diode characteristics apparatus	03
2.	Battery eliminator	04
3.	Desauty bridge	03
4.	Charging and discharging of capacitor	03+01=04
4.	Determine the band gap in semiconductor diode apparatus	02
5.	Complete study of transistor CE CB CC apparatus	01
6.	Digital multi-meter	09
7.	Thermostat characteristics apparatus	01
8.	Thermo EMF using digital D.C. micro voltmeter apparatus	01
9.	V.T.V.M	01
10.	Audio frequency generator	03
11.	LR circuit apparatus	01
12.	Three way key	04
13.	Two way key	05
14.	One way key	05
15.	Push pull amplifier	01
16.	Study of cascade amplifier apparatus	01
17.	Ring counter apparatus	01
18.	Study of decade counter using IC apparatus	01
19.	Measurement of temperature with thermostat apparatus	01
20.	Transistor as a switch apparatus	01
21.	Transistor audio amplifier apparatus	01
22.	Study variation of power factor with frequency apparatus	01
23.	Screw gauge	03
24.	Varner calipers	03
25.	Rheostat	04
26.	Rectifier and filter apparatus	04
27.	Bridge oscillator apparatus	01
28.	Anderson bridge apparatus	03
29.	Study of variation of total thermal radiation apparatus	03
30.	Study of RC circuit with source of EMF type apparatus	01
31.	OP-AMP apparatus	03
32.	Study of OR ,AND, NOT logic gate apparatus	03
33.	A.C. mili-voltmeter	02
34.	Photo Diode characteristics apparatus	01
35.	Study of uni-junction transistor apparatus	01

36.	Half and full wave rectifier apparatus	01
37.	Differential amplifier	01
38.	Verification of law of Network theorems apparatus	01
39.	Verification of Superposition and reciprocal theorems apparatus	01
40.	Automatic voltage stabilizer	01
41.	Zener diode power supply apparatus	02
42.	Digital stop clock	02
43.	Gartting	01
44.	Ammeter 1 to10	09
45.	Voltmeter 1-10	09
46.	Galvanometer 30-0-30	09
47.	Function generator	01
48.	Youngs modules apparatus	02
49.	Ballistic galvanometer	01
50.	HP Laser printer and scanner	01
51.	T.V	01
52.	D.V.D	01
53.	Digital wall clock	01
54.	Micro-ammeter	02
55.	Cell holder	02
56.	Resistance box	01
57.	Study of bending of beam apparatus	01
58.	Determination of surface apparatus	01
59.	Moving coil DC ammeter	04
60.	Moving coil DC milli-ammeter	04
61.	DC Voltmeter	04
62.	Milli-Voltmeter	04
63.	Transistor characteristics apparatus	03
64.	Bar pendulum	02
65.	Polari meter	01
66.	Tool kit	01
67.	Head phone	02
68.	Stop clock	04
69.	Maxwell needle	02
70.	Random decay study board	01
71.	Meter scale wooden	02
72.	Iron stand for Maxwell needle	01
73.	Polari meter tube	01
74.	Table lamp	02
75.	Extension board	05
76.	Heater	01
77.	R.C. Transmission line apparatus	02
78.	Voltage multiplier apparatus	02
79.	Thermometer	02
80.	Connection leads	30
81.	Conversion of galvanometer into voltmeter	01

82.	Series and parallel resonance circuit apparatus	01
83.	Four probe method apparatus	02
84.	Determine plank constant apparatus	03
85.	FET apparatus	02
86.	A.F. milli-ammeter	01
87.	A.F. milli-voltmeter	02
88.	Experiment table	20
89.	Maximum power transfer theorem	01
90.	C.R.O.	01
91.	R.C. Phase shift oscillator apparatus	01
92.	Computer set	01
93.	Dell laptop	01


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 27/10/22


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