

## TTWRDC (M) NAGARKURNOOL

## Department of Physics

## List of the equipment's available

S.No	Name of the equipment	Quantity	Stock register page no.	Remarks
1	Lees disc aparators	5	1	
2	Thermal efficiency for electric kettle	5	3	
3	Flywheel	5	5	
4	Sonometer	5	7	
5	Spectrometer	3	9	
6	Resistance thermometer	5	11	
7	Calibration of thermocouple	5	13	
8	Reading telescope	3	15	
9	Pendulum bobs	10	17	
10	Burette stand with clamp	20	19	
11	Stop clock	10	21	
12	Rubber cork	15	23	
13	Rubber hammer	10	25	
14	Screw gauge	10	27	
15	Vernior calipers	10	29	
16	Spectrometer prism crown glass	5	31	
17	Thermometer	10	33	
18	Wire gauge	10	35	
19	watch glass	10	37	
20	Meter scales	20	39	
21	Slotted weights 100gX5	10	41	
22	Slotted weights 50gX5	10	43	
23	Aspirator bottles	5	45	
24	Capillary tubes lengths 0.5mm	5	47	
25	Compound pendulum	7	49	
26	Torsion pendulum	5	51	
27	Biffilar pendulum	7	53	
28	Tunning fork	5	55	
29	Spring constant App Metal stand new model	5	57	

30	pullfrich refracto meter	7	59
31	Mirror strips 3x1	11	61
32	Convex lens dai 50 mm FI 20 cm	12	63
33	Pointd needles with rubber cork	10	65
34	Diffraction grating 15000 lines per inch	10	67
35	Sodium vapour lamp, 35 watts transformer ,lamp box woden	4	69
36	Mercury vapour lamps 125W with chowk & wooden box	2	71
37	Resolving power of telescope single slit	3	73
38	Mercury 50gm	3	75
39	Copper Calorimeter 3X2 inch	5	77
40	Beakers 100 ml	10	79
41	Beakers 250 ml	10	81
42	Travelling microscope	4	83
43	Convex lens {plano}dai 50 mm FI 100 cm	2	84
44	Convex lens{plano} dia 50mm FI 15 cm	2	85
45	Convex lens {plano}dai 50, mm FI 20 cm	6	86
46	Laser & LED light	4	87
47	Polarimetrers	3	88
48	Volt meters 10v dc	2	89
49	Volt meters 10v ac	1	90
50	DCC WIRE PER 100 gm (Connecting wire)	3	91
51	Multimeters Digital	15	92
52	AIR Wedgde SET	2	93
53	Magnifier torch	2	94
54	Plan glass plates 750mmx12mm	4	95
55	Needles	10	96
56	Cathode Ray oscilloscope dual range	1	97
57	PN junction diode	4	98
58	Trasistor charecterstics	1	99
59	Plank constant app	1	100
60	Clamp & basset	5	101
61	Black cloth	5m	102
62	Zener diode	3	103
63	Zener diode voltagr regulator	3	104
64	AND, OR, NOT, truth table kit	3	105
65	NAND ,NOR,Truth tables	3	106
66	Thrmister kit	3	107
67	FET Charecteristics kit	3	108

68	SCR charecteristics kit	3	109	
69	UJT charecteristics kit	3	110	
70	RC phase shift oscillator	3	111	
71	RC coupled amplifier	3	112	
72	Probes	10	113	
73	He-Ne laser source	3	114	
74	Photo electrical kit	1	115	
75	Photo detector	1	116	
76	Photo cell	1	117	
77	LED s with diffraction colours	3	118	
78	Intrinsic semiconductors kit	3	119	
79	single slit with stand	3	120	
80	Double slit with stand	3	121	
81	e/m solednoid method	1	122	
82	Carey forsters bridge	3	123	
83	Battery eliminator	3	124	
84	Plug key one way	2	125	
85	High resistance 10k	3	126	
86	Standard resistance coil 5 ohms	2	127	
87	Galvanometer	3	128	
88	Thevenins kit	3	129	
89	Nortons kit	3	130	
90	Superposition theorem kit	3	131	
91	Maximum power transfer kit	2	132	
92	Desautys bridge kit	5	133	
93	Andersons bridge kit	2	134	
94	Ballistic Galvanometer	2	135	
95	Mutual inductance by absolute	1	136	
96	Photo voltaic cell	5	137	
97	Piezo electric transuder	1	138	
98	Four probe method kit for semiconductor	1	139	
99	B-H Curve unit	3	140	
100	Dielectric constant kit	1	141	
101	Power supply	2	142	
102	Grating stand	5	143	
103	Grating 15000 line per inch	2	144	
104	Stand fitted with plain glass at 45 degree angle	2	145	
105	Metal wire bundle of thickness 5mm (10 meter)	1	146	
106	Wire bundle of thickness 1mm (copper,brass,steel)	1	147	
107	E/M Magnetic Focusing kit	3	148	
108	Sink	2	149	
109	Resistance box 0.1-10 ohms	2	151	
110	Magnetic compass 18mm dia both side glass	5	152	
111	Bar magnrt 2" alnico alloy per pair	3	153	

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