



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

(Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi)

Recognized by UGC Under Section 2(f) and 12(B) of UGC Act 1956

Aditya Nagar, ADB Road, Surampalem.

APPLIED / ENGINEERING PHYSICS LAB		
S.No	NAME OF THE EQUIPMENT	QUANTITY
1	BATTERY ELIMINATOR	5
2		2
3		3
4	DIFFRACTION GRATING	5
5	MELDE'S APPARATUS	5
6	MELDE'S APPARATUS	2
7	MELDE'S APPARATUS	3
8	NEWTON'S RING BRIDGE TYPE MICROSCOPE	5
9	NEWTON'S RING BRIDGE TYPE MICROSCOPE	2
10	PHYSICAL WEIGHT BOX	5
11	PHYSICAL WEIGHT BOX	2
12	PHYSICAL WEIGHT BOX	2
13	PHYSICAL WEIGHT BOX	3
14	READING LENS	5
15	SPECTROMETER	5
16	SPIRIT LEVELS	5
17	SPECTROMETER PRISM	5
18	SODIUM VAPOUR LAMP WITH TRANSFORMER	1
19	SODIUM VAPOUR LAMP	1
20	SODIUM VAPOUR LAMP	1
21	SONOMETER	5
22	SONOMETER	2
23	SLOTTED WEIGHTS	5

S.No	NAME OF THE EQUIPMENT	QUNATITY
24	SLOTTED WEIGHTS	2
25	SCREW GAUGE	6
26	SCREW GAUGE	2
27	SCREW GAUGE	5
28	TORSIONAL PENDULUM SETS	5
29	TORSIONA PENDULUM	3
30	TORSIONAL PENDULUM	3
31	TUNING FORK SET	5
32	TUNING FORK'S	15
33	VERNIER CALLIPERS	6
34	VERNIER CALLIPERS	2
35	VERNIER CALLIPERS	2
36	ENERGY BAND GAP OF A SEMICODUCTOR	5
37	ENERGY BAND GAP OF A SEMICONDUCTOR	3
38	D.C.AMMETER	5
39	D.C.AMMETER	2
40	D.C.AMMTER	1
41	L.C.R.SERIES & PARALLEL RESONANCE CURRENT	5
42	PLANCK'S CONSTANT	5
43	POINTER GALVANOMETER	5
44	PLUG KEY	5
45	RHEOSTAT	5

S.No	NAME OF THE EQUIPMENT	QUNATITY
47	REVERSING SWITCH KIP TYPE	5
48	STEWART & GEE TANGENT GALVANOMETER	5
49	THERMISTER CHARECTERISTICS	5
50	THERMISITER CHARECTERISTICS	3
51	ZENER DIODE CHARECTERISTICS	5
52	ZENER DIODE	2
53	ZENER DIODE	3
54	STOP WATCH	4
55	STOP WATCH	2
56	STOP WATCH	2
57	DIGITAL STOP WATCH	3
58	THERMOMETER	4
59	THERMOMETER	10
60	THERMOMETER	10
61	DIFFLECTION MAGNETOMETER	2
62	MILLI AMMETER	2
63	MILLI AMMETER	2
64	MICRO AMMETER	1
65	MICRO AMMETER	1
66	MICRO AMMETER	1
67	Volt meter	4
68	Cutting Flier	2

S.No	NAME OF THE EQUIPMENT	QUNATITY
69	CUTTING FLIER	2
70	TRANSFORMER FOR SODIUM VAPOUR LAMP	1
71	MERCURY VAPOUR LAMP	1
72	TUNING FORK SET	9
73	DIFFRACTION GRATING	6
74	READING LENS WITH LIGHT SOURCE	5
75	SPECTRO METER	3
76	SCREW GAUGE	5
77	VERNIER CALLIPERS	5
78	STEWART & GEE'S TANGENT GALVANOMETER	3
79	DIGITAL STOP WATCH	6
80	MERCURY VAPOUR LAMP WITH CHOKE	2
81	YOUNG'S MODULUS OF A CANTILEVER	4
82	COUPLED OSCILLATOR	4
83	FLY WHEEL	4
84	RESISTIVITY OF A SEMI - CONDUCTOR BY FOUR PROBE METHOD	4
85	DIODE LASER	4
86	BAR PENDULUM STEEL	4
87	WOODEN LAMP HOUSE FOR MERCURY LAMP	2
88	RESOLVING POWER SLIT	4
89	SOLDERING IRON	1
90	SOLDERING IRON STAND	1
91	SLOTTED WEIGHTS	4

S.No	NAME OF THE EQUIPMENT	QUNATITY
92	DOUBLE BAR OPTICAL BENCH	4
93	GRATING HOLDER WITH STAND	4
94	NEWTON RING'S LENS	2
95	WEDGE GLASS PLATES	2
96	Eye piece with cross wire	2
97	Screw driver Kit	1


Lab Incharge


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