

### **Physics (UG) lab equipment list**

SL.NO	EQUIPMENT	Minimum Quantity Required
1	AC SONOMETER	2
2	AMMETER (HIGH RANGE AND LOW RANGE)	6 EACH
3	BALLISTIC GALVANOMETER	2
4	BAR MAGNET	6
5	BOX TYPE VIBRATION MAGNETROMETER	3
6	CAPACITORS OF VARIOUS RANGE	10 EACH
7	CAREY FOSTER'S BRIDGE	2
8	CATHOD RAY OSCILLOSCOPE	2
9	CHARGE DISCHARGE KEY	4
10	CIRCULAR COIL APPARATUS	2
11	COMMON BALANCE	2
12	COMMUTATOR	4
13	COMPASS BOX	6
14	COMPOUND BAR PENDULUM	5
15	COMPUTER	5
16	COPPER CONNECTING WIRE	1 ROLL
17	DANIEL CELL	3
18	DEFLECTION MAGNETOMETER	3
19	DIGITAL MULTIMETER	4
20	DIODES	10
21	DPDT SWITCH	4
22	DUAL POWER SUPPLY	3
23	FIELD EFFECT TRANSISTORS	10
24	FLY WHEEL	2
25	FUNCTION GENERATOR	2
26	GALVANOMETER	6
27	HEATER	1
28	HOLLOW PRISM	4
29	JOCKEY	4
30	KATER'S PENDULUM	3
31	LECLANCHE CELL	3
32	LEES DISC APPARATUS	2
33	LIQUID LENS APPARATUS	6
34	MELDE'S STRING APPARATUS	3
35	MERCURY LAMP	2
36	METER SCALE	10
37	NEWTONS RINGS APPARATUS	2
40	PADDED HAMMER FOR TUNING FORK EXCITATION	2
43	POTENTIOMETER	3
44	READING LENS	4
45	RESISTANCE BOXES OF DIFFERENT RANGE	6 EACH

46	RESISTORS OF VARIOUS RANGE	20
49	RHEOSTATS OF VARIOUS RANGE (50ohm, 100ohm)	5 each
50	SCREW GAUGE	10
51	SEARL'S VIBRATION MAGNETROMETER	2
52	SINGLE KEY	6
53	SIXWAY KEY	4
54	SLOTTED WEIGHTS OF VARIOUS RANGE	10
56	SODIUM VAPOR LAMP	1
57	SOLDERING FLUX	10
58	SOLDERING IRON	5
59	SOLDERING LEAD	10
60	SOLID PRISM	4
61	SPECTROMETER	4
62	STANDARD RESISTANCES 1 AND 2 OHMS	6 EACH
63	STATIC TORSION APPARATUS	2
64	STOP WATCH	10
65	STORAGE CELL(2V)	5
66	SURFACE TENSION APPARATUS	2
67	TANGENT GALVANOMETER	4
68	TAP KEY	4
69	TELESCOPE WITH SCALE	4
70	THERMOMETER	5
71	TORSION PENDULUM	6
74	TRANSFORMERS OF DIFFERENT RANGE (6-0-6), (9-0-9)	5 EACH
75	TRANSISTORS	20
76	TRANSMISSION GRATING	4
77	TRAVELLING MICROSCOPE	4
79	TUNING FORKS OF DIFFERENT FREQUENCIES	6
80	TWO WAY KEY	10
81	VERNIER CALIPERS	10
82	VISCOSITY APPARATUS (Variable pressure head/constant pressure head)	3
83	VOLT METER (HIGH RANGE AND LOW RANGE)	6 EACH
84	WEIGHING APPARATUS	1