

J.T.Mahajan Polytechinc , Nhavimarg, Faizpur.**Equipment List****Name Of Lab :- Applied Physics****Built Up Area 111.02 Sqm.**

Sr.No.	Particular	Qty.	Cost
01	Varnier Calipers	15	15333=00
02	Micrometer Screw Gauge	27	02307=00
03	Volt Meter 0-5 V	02	240=00
04	Volt Meter 0-60 V	02	130=00
05	Volt Meter 0-100 V	02	130=00
06	Volt Meter 0-250 V	01	65=00
07	Volt Meter 0-10 V	14	410=00
08	Volt Meter 0-12 V	03	360=00
09	Ammeter 0-5 A	06	360=00
10	Ammeter 0-10 AMP	01	120=00
11	Millimeter 0-500A	10	1507=00
12	Tempe cure Meter 0-360	03	880=00
13	Galva no Meter 30-30	29	3600=00
14	Potent ion Meter	04	690=00
15	Meter Bridge	04	680=00
16	Parallel Gram Force of Pulley	03	570=00
17	Set of Tuning Fork	06	1080=00
18	Physical Balance With With Weight Box	02	510=00
19	Analytical Weight Box	04	520=00
20	Spectrometer	16	4825=00
21	Spectrometer	02	2800=00
22	Traveling Microscope	02	1700=00
23	Lee's Thermal Conductivity App	06	1380=00
24	J B Y Electrical	06	1050=00
25	Monometer Type Viscosity App	06	1890=00
26	Series Thermal Conductivity Meter App	10	2310=00
27	Steam boiler	06	390=00
28	Selears Young Modulus	02	278=00
29	Viscosity poiseles Method	06	930=00
30	Resistance Box 1000 Ohm	03	770=00
31	Resistance Box 500 ohm	04	1520=00
32	Resistance 2000 ohm	05	
33	One way key	12	192=00
34	Two Way Key	12	120=0
35	Four way key	02	78=00
36	Pencil Jock key	12	528=00
37	Platinum Resistance	05	3750=00
38	Pendulum BOB	11	112=00
39	Stop With (GEM)	04	2000=00
40	Stop Clock	13	3355=00
41	Bolylies Law App.	06	2328=00
42	Object Pins	06	74=00
43	Stove	03	270=00
44	Metal Stand	10	468=00
45	Tripad Stand	14	516=00
46	Inclined Plane	04	294=00
47	Drawing Board	04	72=00
48	Level Bottle	04	32=00

Sr.No.	Particular	Qty.	Cost
49	Four Tin's Barometer	01	1850=00
50	Statte Wat	27 Set	752=00
51	Rheostat	17	5838=00
52	Rheostat 18"	06	1137=00
53	Meter case – Fibre	06	90=00
54	Meter case – Steel	24	1272=00
55	Resonance App. Cum set	02	352=00
56	Thermocouple	06	250=00
57	Mirror Holder	12	216=00
58	Z Pulley	04	40=00
59	Liner expansion	01	3500=00
60	Leclanche cell	06	630=00
61	Photo - cell	01	3500=00
62	Oersted App.	01	175=00
63	Multimeter sariwa	01	390=00
64	To Verify T I R	01	4500=00
65	To determine forbidden energy gap in a semiconductor	01	3600=00
66	To calculate permittivity of air by using flat condenser plates	01	9800=00
67	To determine IV char of PN junction diod with meter	01	1800=00
68	To determine the divergence of He-Ne laser beam	01	22500=00
69	To verify amperes rule using oersted's exp.	01	9800=00
70	To calibrate voltmeter of requird range by using potentiometer	01	3700=00
71	To measur the numerical aperture of the plastic Fiber using 660 mm wavelength LED	01	6300=00
72	To represent simple harmonic motion with the help of vertical oscillation of spring & to determine spring constant (K) flat spiral spring stop clock	01	2250=00
73	To determine time period of oscillation of compound bar pendulum & calculate accelration due to gravity	01	1800=00
74	To calculate coefficient of absorption for acoustical materials sound absorption complete set up with sound level meter	01	6300=00
75	To determine wavelength of sodium light by using Newton's ring's app.	01	6800=00
76	To compare luminous intensity of two luminous bodies by using Bunsen photometer	01	5400=00
77	To determine frequency of sound by using sonometer complete set up with meter	01	2700=0
78	To detect surface crack's in the working piece by using liquid penetration method (LPT)	01	18900=00
	Grand Total		190476=00