

**ATAL BIHARI VAJPAYEE GOVT.INSTITUTE OF ENGINEERING &  
TECHNOLOGY PRAGATINAGAR DISTRICT SHIMLA H.P.171202**

**Department of Applied Science & Humanities**

Date: 23-09-2021

List of equipment's in Physics Lab (B. Tech.) as per Stock register no. PH-001

Sr. No	Name of Items	Qty	Page No.	Procured Under	Indent No./ MSR No.
1.	Stewart and Gees apparatus	4 nos	4	Govt. Head	0082901
2	e/m by Helical method	2 nos	5	Govt. Head	0082901
3	e/m by Thomson's method	2 nos	6	Govt. Head	0082901
4	Flashing & Vouching of argon kit	2 nos	7	Govt. Head	0082901
5	ionization potential of mercury kit	2nos	8	Govt. Head	0082901
6	Inverse square Law of light without stand	3 nos	9	Govt. Head	0082901
7	Plancks Constant Apparatus	2+3+4 nos	10	Govt. Head + TEQIP III	0082901/ MSR No. 34
8	Frequency of AC mains by	4 nos	11	Govt. Head	0082902
9.	Helium- Neon laser lab without optical bench and stand	2 nos	12	Govt. Head	0082902
10	Laurent's half shade polarimeter	2 nos	13	Govt. Head	0082902
11	Newton's Rings Set up by T-microscope without lamp	3 nos	14	Govt. Head	0082902
12	Diffraction Grating set up by spectrometer	3 nos	15	Govt. Head	0082902
13	Band gap of semiconductor by 4 probe Method	2 +3+3 nos.	16	Govt. Head + TEQIP III+ TEQIP III	0082902/ MSR no. 29
14	Ultrasonic interfere meter	1 no	17	Govt. Head	0082903
15	B.H. curve apparatus	1 + 03	18	Govt. Head + TEQIP III	0082903/ MSR no. 28
16	Sextants setup	2+ 2+4 nos	19	Govt. Head + TEQIP III	0082903/ MSR no. 35
17	Ballistic galvanometer	2 nos	20	Govt. Head	0082903
18	Ammeter ( deferent range)	2 nos	21	Govt. Head	0082903
19	Galvanometer ( Western type)	5 nos	22	Govt. Head	0082903
20	Voltmeter	6 nos	23	Govt. Head	0082903
21	Rheostate	10 nos	24	Govt. Head	0082903
22	Resistance box	5 nos	25	Govt. Head	0082903
23	Battery eliminator 12V	8 nos	26	Govt. Head	0082904
24	Dry cell	2 nos	27	Govt. Head	
25	Sodium lamp	10 nos	28	Govt. Head	0082904
26	Mercury Lamp	04	29	Govt. Head	0082908+0082768
27	Coper wire roll	1 no	30	Govt. Head	0082904
28	Analog multimeter	2 nos	31	Govt. Head	0082904
29	Digital multimeter	2 nos	32	Govt. Head	0082904
30	Stabilized power supply	3 nos	33	Govt. Head	0082904
31	Spirit level	5 nos	34	Govt. Head	0082904
32	Magnifying Glass	5 nos	35	Govt. Head	0082905
33	Meter scale	8 nos	36	Govt. Head	0082904
34	Charts	8 nos	37	Govt. Head	0082905

35	Portrait of Scientist	06 nos	38	Govt. Head	0082905
36	Sodium Lamp Box	06	39	Govt. Head	
37	Prism & glass slab (Consumable)	7 & 4	40	Govt. Head	0082908+0082768
38	Half effect Setup	2+3+2 nos.	41	Govt. Head + TEQIP III	0082908/MSR no. 30
39	He-Ne- laser and He-Ne laser setup	5 +2+4	42	Govt. Head & TEQIP III	0082906 /MSR no. 31
40	Rheostate 0-10 Ohm 1A	5 nos	43	Govt. Head	0082906
41	Rheostate 0-100 Ohm 2A	5 nos	44	Govt. Head	0082906
42	Rheostate 0-200 Ohm 3A	5 nos	45	Govt. Head	0082906
43	Wheat stone Bridge Kit	1 no	46	Govt. Head	0082906
44	Weighing machine digital	2 nos	47	Govt. Head	0082906
45	Charging & discharging capacitor	5 nos	48	Govt. Head	0082906
46	P.N. Junction kit	5 nos	49	Govt. Head	0082906
47	De Sautly Bridge	5 nos	50	Govt. Head	0082907
48	Seartles conductivity apparatus	2 nos	51	Govt. Head	0082907
49	PO box set up	4 nos	52	Govt. Head	0082908
50	Cauchy's constant setup	2 nos	53	Govt. Head	0082908
51	Extension Board with lead	1 no.	54	Govt. Head	
52	HP Desktop	1 no.	55	Govt. Head	0082909
53	HP Laptop	1 no.	55	TEQIP III	MSR NO. 61
54	Head Phone	01 no.	55	TEQIP III	MSR NO. 172
55	Cannon Scanner	1 no.	56	Govt. Head	0082909
56	Chair with Red Back (computer chair)	1no.	57	Govt. Head	
57	Faculty Chair	01 no.	57	TEQIP III	MSR NO. 007
58	Visitor Chair	02 no.	57	TEQIP III	MSR NO. 022
59	Faculty Table	1 no.	58	Govt. Head	
60	Work Bench Electrical	04 no.	59	Govt. Head	
61	Lab table (work bench) electrical	04 (06 meters)	59	TEQIP III	MSR NO. 3
62	Stools	20+20=40	60	TEQIP III	MSR NO. 21
63	Work bench (Non Electrical)	02	61	Govt. Head	
64	Steel Almirah	02	62	Govt. Head	
65	Long Table	01	63	Govt. Head	
66	White Board	01	64	Govt. Head	
67	Notice Board Fabric	01	64	TEQIP III	MSR NO. 019
68	Stefans constant setup	03	65	TEQIP III	MSR NO. 36
69	Michelson Interferometer	02	66	TEQIP III	MSR NO. 32
70	Optical Fiber kit	03+05	67	TEQIP III	MSR NO. 33
71	Soldering kit	01	68	TEQIP III	MSR NO. 124
72	UPS 10KV	01	69	TEQIP III	MSR NO. 45
73	SS Rack	02	70	TEQIP III	MSR NO. 1