

Department of Applied Sciences and Humanities

Physics Lab - I (B Wing – Ground Floor)

List of equipment with specifications and cost details

Sr. No	Item	Model	Description	No. of Item	Unit Cost	Total
1	He-Ne Laser Source (LASER Gun)	ARK	2mW	2	23400	46800
2	Water heater (S. S.)	GETCO	0-100 c	2	2250	4500
3	Mercury Vapour lamp With cabinet	ARK	160W	2	2520	5040
4	Diffraction Grating 1500 LPI With Holder Assembly & Screen	ARK	1500 LPI	2	4320	8640
5	Fibre optics transmitter kit (Model: LF-3)	ARK	Model:LF-3	2	9703	19406
6	Travelling Microscope with Horizontal & Vertical Scale Two motion Vernier Reading	ARK		2	3600	7200
7	Spectrometer 6" SS with 6" Dia	ARK	150 mm s.s.scale	2	4680	9360
8	Sodium vapour lamp with Transformer	ARK		4	2880	11520
9	Newton's ring Apparatus With Microscope compete set up	ARK		3	4950	14850
10	Digital Multimeter (Model-VC97)	Aplab	VC97	4	1200	4800
11	D.T.O	Aplab	30MHz	4	26730	106920
12	Function Generator	Aplab	1MHz	4	27460	109840
13	DC Dual regulated P/S	Aplab	0-32 V DC	4	11353	45412
14	e/m Thomson method	Nvis	NV-6103	2	10282	20564
15	Freshnel's BiPrism Apparatus	Nvis	NV-6028	2	11567	23134
16	Plank's Constant	Nvis	NV-6025	2	6855	13710
17	Wavelength Measurment of LASER by Diffrection Gain	Nvis	NV-6110	2	6555	13110
18	Inverse Square Law	Nvis	NV-6006	2	11139	22278

19	400070 LCD Projector	EPSON	S03	1	25200	25200
20	Planks constant by Photoelectric Effect (Model PC-101)-923	Nvis	PC-101	1	38940	38940
21	Franck Hertz Experiment (Model FH-3001)	SES	FH-3001	1	51920	51920
22	Stefans Law Trainer For Electrical Method 0422154	Nvis	NV 6031	1	9572	9572
23	Balmer Series and Emission Spectra-403608 (Model-SK071)	Indosaw	SK071	1	56640	56640
24	Stefan Boltzmann Apparatus-400754	Nvis	Nvis6031	1	18880	18880
25	HP ProOne 600 G6 22	HP	intel(R) Core(TM) i5-10500T CPU @ 2.30GHz 2.30 GHz	1	48510	48510
26	Newton's ring Apparatus With Microscope compete set up(0823395)	Nvis	NV-6104	1	29692	29692
27	Magnetic Field Apparatus Setup	Astellar	9023	1	31270	31270
28	Gm Counter	Astellar	9030	1	41890	41890
29	Radioactive Source (Beta or Gamma)	Astellar	9027	1	14750	14750
					Total	854348

Sr No	SOFTWARES	OTHER DETAILS	Qty
1	Operating Systems:- Windows 10 Pro	1) NO OF CHAIRS	33
2	Office Tools:- MS Office 16, Acrobat Reader	2) NO OF FANS	8
3	Symantec Endpoint 14	3) WHITE BOARD	1
4		4) NO OF STOOLS	8
5		6) FIRE EXTINGUISHER	1
		7) Lab area (in square meter)	140

INCHARGE

Dr. Vivekanand Bagal

Lab Assistant

Ms. Priyanka Rajput

HOD

Dr. Govind Rajput



GPS Map Camera

Savalade, Maharashtra, India
7RMV+QRW, Savalade, Maharashtra 425405, India
Lat 21.284609°
Long 74.844605°
14/08/24 12:07 PM GMT +05:30

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