

DEPARTMENT OF PHYSICS

List of Major Equipments

Sr. No.	Stock Register	Pg. No.	Name of Equipment	Specification	Qty	Cost (INR)
1	NCR-4	219	Spray Pyrolysis Equipment	Holmarc's	1	1000000
2	UGC-1	11	Maple 2018 (Multi User Floating Network License + Single User Non floating + Home Use)	Software	1	505040
3	UGC-1	2	Zeeman Effect Experiment Kit	SK 075 Indosaw	1	320000
4	UGC-1	12	Micro-Wave Synthesis System		1	240720
5	UGC-1	46	Celestron Telescope (8 Inch)	800 GPS (XLT)(11073-XLT)	1	215977
6	NCR-4	148	Transition Temperature of Superconductor Measurement Set up (With Vernier LabPro Interface)	Indosaw	1	179120
7	UGC-1	10	PCI Probe sonicator	PKS-250F 20KHz/250 watt	1	150000
8	UGC-1	45	DSLR Camera canon EOS 5D Mark II		1	136500
9	UGC-1	62	Galvanostat	Software	1	115000
10	NCR-4	144	Faraday Effect with one He-Ne Laser Source	SK 058	1	109665
11	NCR-4	147	Linear Air Track with set up for mechanics experiments	SK076	1	96262
12	NCR-4	239	Electronic Plug in kit (without CRO) SK 023	Indosaw	1	94526
13	NCR-4	238	Thermal & Electrical Conductivity of metals measurement Set Up with digital temperature sensors	Indosaw	1	90459
14	UGC-1	38	Canon DSLR Camera Kit code 2807 13010AAK	with 4GB card	1	73422
15	NCR-4	195	Beta ray spectrometer SET UP (Current regulated power supply, GM counting system with GM tube)	CDPE Jaipur	1	67000
16	UGC-1	51	Canon Camera Lens EF 24-70 mm MMF 12.8 LVSM Camera		1	66656
17	NCR-4	207	Sound Proof Enclosure for PCI Probe sonicator		1	53904
18	NCR-4	137	Analyser DSO 2200 Add on		1	50592
19	UGC-1	44	Contech Electronic Balance (0.1mg)		1	48542
20	NCR-4	138	Canon Camera Lens Fish eye EF 15MMF 12.8	2535A004AA	1	48085
21	NCR-4	140	Thermal Conductivity kit for solid sample		1	45342
22	UGC-1	7	Adapter Intractive device Eyeris DC series	CN X 1X252775	1	45000
23	NCR-4	226	Study of Hall effect		1	44605
24	UGC-1	30	Dielectric constant & curie Besto	cat no 1956	1	42111

25	UGC-1	4	Ultrasonic Interferometer for Solid Single frequency	UIFS001 Mittal Enterp.	1	38500
26	UGC-1	29	Curie temperature kit for ferro magnetic material	Besto-cat no 1959	1	36431
27	NCR-4	216	Dilectric constant measurement apparatus		1	32919
28	NCR-4	10	Hydraulic press (KBR) Capacity 15 Tones		2	64821
29	NCR-4	216	Study of dielectric constant and measure curie temperature of ferroelectric ceramics	HSN code-9027	1	30900
30	NCR-4	176	LCD Projector	SONY+EPSON	2	59421
31	NCR-4	12	Thermo Electric power set up for high Temp.		1	28759
32	NCR-4	159	G.M. counter System with source (gamma and beta) NISCO		3	85776
33	NCR-4	146	Two in One Linear Air Track & g by Free Fall	SK 028	1	28147
34	UGC-1	1	Digital Storage Oscillocope	402,70MHz	1	27700
35	NCR-4	92	Zeeman's effect app. With Fabry perot Etalon & CDS		1	27612
36	NCR-4	194	Scintillation spectrometer	CDPE Jaipur	3	82500
37	NCR-4	178	Study of Photoelectric effect & determination of Planck const.	RAMAN	2	53620
38	NCR-4	183	Double Distillation Assembly (Quartz)	Biotech, BGW-26	1	25732
39	UGC-1	36	Magnetic Husteresis Loop Tracer	RAMAN	1	25500
40	NCR-4	129	Photo conductivity complete set	Optochem	1	25500
41	NCR-4	199	Measurement of rigidity and internal friction of solids	CDPE Jaipur	1	24900
42	NCR-4	142	Fabry Perot Interferometer with telescope	P-903 a & b Pisco	1	24000
43	NCR-4	221	Electron Spin Resonance Spectrometer	ES 03 RAMAN	2	47400
44	UGC-1	35	e/m By Helical method	Besto-cat no 2030	1	22331
45	UGC-1	40	Binocular	25X100 Super Giant	1	22262
46	NCR-4	236	Ultrasonic Interferometer(multy frequency)	Mittal F 81	3	65767
47	NCR-4	112	Constant Deviation Spectrograph with C.D.S. prism	PISCO	1	21855
48	NCR-4	198	Spark Chember for alpha particles	CDPE Jaipur	1	21600
49	UGC-1	61	Digital Balance: Contech (1mg)	CA-123	1	21100
50	NCR-4	193	Geiger Counting system SET (01 Power supply 300-750 V/1 mA and 01 extra GM tube)	CDPE Jaipur	2	41200
51	UGC-1	6	Digital Balance: Contech (1mg)	CAH-123	1	20500
52	NCR-4	59	Frequency counter Philips	PP 9031	1	20466
53	NCR-4	104	Transmission line Trainer	ST 2266	1	20093