

LIST OF EQUIPMENTS FOR HOME SCIENCE DEPARTMENT
REGISTER NO- UGC-V

S. NO.	NAME OF EQUIPMENTS	QUANTITY
1	BLOOD PRESSURE MONITOR	1
2	CHEMICAL BALANCE	5
3	MICROSCOPE (WEISWOX)	9
4	VACUM CLEANER	1
5	COOKING RANGE (FLOUR)	1
6	WASHING MACHINE	1
7	MIXER (JUICER)	2
8	STOP WATCH	6
9	BINOCULAR MICROSCOPE	1
10	CAMERA	1
11	STEAM IRON	1
12	FUTURA (PRESS) COOKER	2
13	MICROWAVE - OVEN	1
14	COMPUTER WITH PRINTER	1
15	PROJECTOR	1
16	GLUCO METER	1
17	ANALYTICAL BALANCE	1
18	TRINOCULAR RESEARCH MICROSCOPE	1
19	ELISA-PLATE READER	1
20	OLUMPUS-TRINOCULAR MICROSCOPE	1
21	REFRIGERATOR	1
22	DISH WASHER	1
23	VISUAL PRESENTER	1
24	ARTICULATED SKALETOR	1
25	SMART BOARD	1

REGISTER NO- N-1/NC-N5/C/A

1	SANDWICH MAKER	1
2	BAR BLENDER	1
3	OVEN (TABLE)	1
4	GAS STOVE	1
5	REFRIGERATOR	1
6	MIXI	1
7	OVEN-TESTER GRILLER	1
8	WATER PURIFIER	1

REGISTER NO- N-I/NC-15

1	HANDLOOM	2
2	MOUSE (BURNED)	1

REGISTER NO- N-V (C)-2

1	HAEMOGLOBINO METER	16
2	HAEMOCYTO METER	2
3	STAGLENOMETER	10

4	DOUBLE DEMOSTRATION ATTACHMENT	1
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LIST OF PSYCHOLOGICAL EQUIPMENTS FOR HOME SCIENCE DEPARTMENT		
REGISTER NO- 12-N-IV/NC		
S. NO.	NAME OF EQUIPMENTS	QUANTITY
1	ELECTRICAL MAZE APPARATUS	4
2	HUMAN MAZE AUTO ERROR	1
3	MEMORY DRUM	1
4	MATRONOM ELETRON	1
5	MULLER LYER	4
6	OVER HEAD PROJECTOR	1
7	SEGUIN FORM BOARD	2
8	STOP WATCHES RAGER	8
9	TECHISTOSCOPE	4
10	SLOT MAZE WOODEN BOARD	3
11	WEIGHING BOX SIZE & WEIGHT	1
12	HAND COLOUR MIXER	2 SETS
13	COLOURED PREFERENCE PAIRED COMPARISION	1 SET

REGISTER NO- 16-N/II/NC		
1	SEWING MACHINE USHA WONDER STICH	1
2	BAJAJ IRON (SENIOR)	2

Writ
 31/12/2020
 HOD - I/N Dept. of H.Sc.

Department of Home Science List of Apparatus (RUSA)

S. N	Name of Apparatus	SPECIFICATIONS	QY T.	RATE
1	Leclerc Dorothy table loom	15*3/4"*24"(4,8&12 shaft)		50,000.00
2	Dry Cleaning Machine	Fully automatic control, capacity 10-15 kg., Voltage 110-425 volt. Heating electric steam.		60,000.00
3	Collar mike	Battery 1 A to 9 volt, wireless microphone, AWM 520 VL, table top receiver with telescopic antenna		3,000.00
4	Electrical water Bath	Double Walled, 6 Holes and 10holes), (Biological Museum and Tempstar)		5,000.00
5	Yarn Count Machine	151' g., readability 0.001 g. Base size 120 mm., unit tex. den. Nm,g.mg. Poer 220-110 volt.		7,000.00
6	Computerized sewing and Embroidery Machine	Brother SE 400		22,000.00
7	Thick laminated charts fixed to a rugged board with provision for wall hanging	Best quality laminated board		50,000.00
8	Digital burst	1NxTm (Digital Bursting Strength Tester) Capacity 35kg /sq.cm.		1,45,000.00
9	Mannequins (Male, Female & child)	Premium quality, best plastic make		60,000.00
10	Fiber Chart T.M.	Full Color Fiber Wall Chart) 30"*50"		17,500.00
11	Spectrophotometer	Wavelength 190 nm - range 1,100 nm Photometric accuracy ±0.01A (K2Cr2O7) Wavelength accuracy ±0.8nm Resolution >1.9 (Toluene in hexane) Stray light >2 (KCl, 198nm) Max. Number of Methods 100 User yes		41,600.00

		of a set of four long and two small rods. Four rods are attached at exclusive points to become a single rod to measure upto 200cm lengthwise. Two small rods facilitate to clamp the bone and measure width wise at the same time upto 25cm.	
20	Wet Grinder (Electrical)	Capacity 3 L, SPEED 960 rpm. power 180 w	7,000.00
21	Dinner Set	La opala, set of 46 pcs	5,000.00
22	Thermos Flask	(stainless steel) Milton/eagle, capacity 500 ml, 1000ml	2,000.00
23	Gas Burners with 4 Burners along with Gas Cylinders	Type: Manual Gas Stove Burner Type: High Powered Number Of Burners: 4 WITH 4 CYLINDER	30,000.00
24	White Board	For classroom, 8 feet/ 4 feet	20,000.00
25	Body Composition Monitor	(omeron HBF 375)	9,000.00
26	Body Composition Analysis	(EQ-EB-iF-912B)	3,500.00
27	Body Fat Analyzer	(Omeron)	1,200.00
28	Foreble's gifts	(1-9 set) spielgaban enumul	35,000.00
29	Bio Impedence Analysis Machine	Accuracy $\pm 0.08\%$. voltage min. revolution 1 mV, test signal is 10mV-2Vrms . DC 10Hz-30MHz, test signal current level 200 μ A-20mArms	1,00,000.00
30	Desktop- All- in one Lenovo AIO-510S with Printer & Scanner	HP / Lenovo	1,05,000.00
31	High Temperature High Pressure Beaker Dying Machine	Nos.of beaker 12-40,heating medium- water/glycerine, Temp-upto 140 ^o C weight 80 -135kg.	35,200.00
	Total -		9,70,000.00

Site
 31/12/2020
 YN HOD, H.Sc. Dept

List of Equipments

Department of Chemistry
Bhilai Mahila Mahavidyalaya

S. NO.	NAME OF EQUIPMENTS	QUANTITY
1	AQUA PURIFIER	1
2	BECKMANN'S FREEZING POINT	3
3	BECKMANN'S FREEZING POINT APPARATUS	3
4	BUNSEN BURNER WITH STOPPER	36
5	CENTRIFUGAL MACHINE	2
6	CENTRIFUGAL MACHINE WITH HOT PLATE	6
7	COMPAQ	1
8	COMPAQ COLOR MONITOR	1
9	COMPAQ PRASARIO	1
10	DEIONISER	3
11	DIGITAL CONDUCTIVITY METER	2
12	DIGITAL pH METER	1
13	DIGITAL PHOTOCOLORIMETER	1
14	DIGITAL SINGLE PAN BALANCE	1
15	DISTILLATION APPARATUS	1
16	ELECTROPHORETIC APPARATUS	7
17	FRACTIONAL CRYSTALLISATION APPARATUS	6
18	GEL ELECTROPHORESIS (PAGE)	1
19	HIGH PRECISION WATER BATH	2
20	HOT AIR OVEN	1
21	HP PRINTER LASERJET 1020	1
22	KELVINATOR REFRIGERATOR	1
23	LANDSBERGER APPARATUS	6
24	LENEVO COMPUTER	1
25	LENEVO DESKTOP COMPUTER	1
26	MAGNETIC STIRRER WITH HOT PLATE	6
27	MECHANICAL SHAKER	2
28	MELTING POINT APPARATUS	1
29	MONITOR 18.5"	1
30	MUFFLE FURNACE	3
31	PEN TYPE pH-METER	2
32	pH METER	1
33	PHOTO ELECTRIC COLORIMETER	1
34	POLARIMETER	2
35	PORTABLE WATER & SOIL ANALYSIS KIT	1
36	POTENTIOMETER	9
37	PRINTER HP LASERJET 1020	1
38	REFRACTOMETER CE-CO-12	1
39	REFRIGERATOR (SAMSUNG)	1
40	SCIENTIFIC MECHANICAL SHAKER	2
41	SINGLE PAN BALANCE	1

List of Equipments

Department of Chemistry
Bhilai Mahila Mahavidyalaya

42	SOXHLET EXTRACTOR	2
43	SPECTROMETER	1
44	SPECTROPHOTOMETER	1
45	THERMOSTATIC WATER BATH	4
46	THIN LAYER CHROMATOGRAPHY BCA-6	1
47	TITRIMETER (AUTO CARL FISCHER)	1
48	UPS ELNOVA 600VA	1
49	VACUUM APPARATUS	2
50	WATER & SOIL ANALYSIS KIT	1
	RUSA	
51	Fully electronic weighing scale(ohaus NV-622)	1
52	Capillary electrophoresis	1
53	Conductivity bridge	1
54	Calorimeter	1
55	Gas chromatograph	1
56	Digital Photoelectric calorimeter	1
57	Polari meter	1
58	Polarography Appratus	1

BOTANY DEPARTMENT**Updated up to Aug 2020**

Sl.No	Name of Particular	Quantity	
1.	Aquarium size 48 x18 x18''	01	UGC
2.	Arc auxanometer	03	Aided
3.	Autoclave	01	Aided
4.	B.O.D. incubator (Digital)	01	UGC
5.	Camera lucida	01	Aided
6.	Camera lucida Prizm type	01	Aided
7.	Centrifuge machine	02	SF, aided
8.	Chemical balance	04	Aided
9.	Chromatography Apparatus	01	UGC
10.	Compound microscope	89	UGC, SF, Aided
11.	Computer & Accesseries Compaq parasnic SR – 123812, Compaq , colour monitor 7540, HP Printer Laser jet	04	UGC
12.	Digital camera with computer attach	01	UGC
13.	Digital Spectrophotometer	01	SF
14.	Disc gel electrophoresis	02	SF
15.	Dissecting microscope	32	Aided
16.	Electric oven	02	Aided
17.	Electronic Balance	01	Aided
18.	Electrophoresis	02	SF, Aided
19.	Elnovo U.P.S 600 VA	02	UGC
20.	Flash Gun	02	UGC, Aided
21.	High volume air sampler Gas sampling kit Gas sampling	01	UGC
22.	High volume air sampler	02	UGC
23.	Hot plate	03	Aided
24.	Incubator	03	Aided, SF, UGC
25.	Inoculation chamber	02	UGC

26.	Laboratory microscope Olympus HB model	12	Aided
27.	Laboratory mixer	02	Aided
28.	Laminar flow Cabinet Horizontal –MSW -161 -model	01	UGC
29.	Laser Printer	02	UGC
30.	Magnetic stirrer	02	SF
31.	Microwave oven	01	Aided
32.	Multimedia projector (DLP)	01	UGC
33.	Multipurpose single pan plastic balance	02	SF, Aided
34.	Ocular Micrometer	04	Aided
35.	Over head projector, Portable Tripod, Electric laser pointer	02	SF, Aided
36.	PH Meter Systronic make type -324	02	UGC
37.	Projection Microscope Metzer make model-METL800	01	UGC
38.	Projection screen portable folding	01	SF
39.	Quadrant	19	Aided
40.	Refrigerator	02	UGC, SF
41.	Repairable dust sampler	01	UGC
42.	Rotary microtome	01	Aided
43.	Scanner HP	01	UGC
44.	Slide projector	01	UGC
45.	Soil analysis kit(3 parameter)	01	SF
46.	Stage Micrometer	01	SF
47.	Tissue culture Hood	01	UGC
48.	Top pan electronic balance	02	SF
49.	Trans Illuminator	01	SF
50.	Trinocular microscope	02	UGC
51.	Turbidity meter	01	SF
52.	Turbidity meter digital	01	Aided
53.	Water Bath	01	Aided
54.	Water Distillation apparatus (Nasco)	02	UGC, SF

Dr. Pratiksha Pandey
HOD, Botany
Bhilai Mahila Mahavidyalaya, Bhilai

ZOOLOGY UGC EQUIPMENT LIST 2020 - 2021

S.NO.	Particulars of items	Quantity
1	Epidiascope deluxe model	1
2	Metal case for epidiascope	1
3	Screen	1
4	Oven electric	1
5	Eye piece 5x weswox	4
6	Objective 4x	1
7	Objective 5x	2
8	Microscope weswox HL - 33	5
9	Double demonstration eye piece	1
10	Projection microscope model insif 380 A	1
11	Ph meter	1
12	Glass distillation apparatus 3 ltr.	1
13	Photo cholormeter digital	1
14	Water testing kit	1
15	Water pollution kit field type	1
16	Camera lucida erma make mirror type	1
17	Serological water bath	1
18	Refrigerator kelvinator	1
19	Microphotography pentex camera adaptor	1
20	Binocular microscope Olympus make KICBI model	1
21	Stop watch electro sound timer electronic	1
22	Haemocyto meter german make	4
23	Hand magnifier 4inch size	1
24	Gas cylinder ,rubber tube installation large l.p.g. stove	1
25	Olympus binocular research microscope MLX- B model	1
26	Slide warming table	1
27	Hot plate	1
28	Computer Compaq prasario sr 123816 L	1
29	Hp printer laser jet 1020	2
30	Elnova ups 600 va	2
31	Metzer trinocular microscope	1
32	Haemocyto meter chamber bright line	6
33	Over head projector paxilux 285 make braun germany	1
34	Digital top pan balance japan make	1
35	Projector view sonic (not working)	1
36	Binocular advance research microscope	1
37	Ocular disc for microscope	1
38	Remi cooling centrifuge c- 24BL	1
39	Stop watch electrical with musical alarm timer	1
40	Remi angle head	1
41	Voltage stablizer	1
42	Sterco zoom trinocular microscope led – model szb – 47A	1
43	Trinocular microscope digital	1
44	Keyboard logitech	1
45	Printer hp deskjet 1000	1
46	Visual presenter vp – 12-13	1
48	Clinical biochemistry analyxer erba chem.. 5x	1

S.NO.	Particulars of items (AIDED)	Quantity
1	Aquarium	2
2	Animal cage	2
3	Autoclave	1
4	Automizer	5
5	Balance chemical (varanashi make)	1
6	Electronic single pan balance k- roy	1
7	Balance spring type	1
8	Bell	1
9	Beaker pollythene 1000 ml	2
10	Pipette stand	1
11	Cuvette stand	1
12	Fowl articulated skeleton	1
13	Rabbit articulated skeleton	1
14	Horse articulated skeleton on board	1
15	Camel articulated skeleton on board	1
16	Varanus disarticulated bones	1
17	Disarticulated bones of fowl	6
18	Rabbit disarticulated bones	1
19	Frog skeleton disarticulated bones	1
20	Monkey articulated skeleton on board	1
21	Dog articulated skeleton on board	1
22	Magnetic stirrer	1
23	Bone cutter	31
24	Chart cabinet	2
25	Centrifuge (remi)	1
26	Centrifuge micro	1
27	Culture tume basket	2
28	Dryer	1
29	Camera luicida mirror type	2
30	Eppendrof tube 2ml	4
31	Dimond point pencil	1
32	Dissecting tray	88
33	Electronic balance	1
34	Stand for cuvette centrifuge 2ml	2
35	Stand for cuvette centrifuge 5ml	2
36	Diffrential blood cell counter	1
37	Dust bin	1
38	Enamelled trays	1
39	Oven	1
40	Eye piece 5x weswox	8
41	Towa make 5x eye piece	1
42	5x eye piece (darbara , Indian sci.)	3
43	Elisa plate	3
44	Forcep 15 inch size	1
45	Forcep 5 inch size	4
46	Funnel pollythene	2
47	Weswox film & slide projector	1
48	Hp desktop	1
49	Ups (elnova)	1

50	Fridge kelvinator stand	1
51	Haemocytometer german make	13
52	Hot plate	1
53	Hand magnifier	1
54	Insect pinnig case wooden	1
55	Haemoglobino meter	5
56	Incubator tempo make	1
57	Immuno electrophoresis apparatus with power supply	1
58	Kymograph with 20 accessories with 8 speed	1
59	Power supply pack for vertical gel electrophoresis	1
60	Student microscope adarsh	6
61	Binocular stereoscopic weswox make microscope	1
62	Binocular stereoscopic microscope insif make	4
63	Binocular research microscope insif	1
64	Micropipette	3
65	Dissection microscope	14
66	Student microscope erma	6
67	Student microscope merk & shome	3
68	MM1 type microscope	6
69	Student medical microscope	1
70	Weswox junior medical microscope	1
71	Olympus microscope HSA	13
72	Towa make student microscope	1
73	Weswox student microscope	16
74	Weswox student microscope	2
75	Microtom weswox make	1
76	Student microscope insif make	1
77	Binocular microscope model BM- MX 22 MODEL	1
78	Student microscope metzer make metz-38	2
79	Objective 2x weswox make	2
80	Objective 2x german make	2
81	Objective 2x standard quality	2
82	Objective 4x standard quality	2
83	Objective 4x olympus	1
84	Objective 4x weswox make	2
85	Objective 4x german make	2
86	Electric oven tempo make	2
87	Objective 5x	8
88	Ocular disk best indian	2
89	Plastic tray	3
90	Soxlet appratus	2
91	Plastic plate	26
92	Slide box	6
93	Slide cabinet	1
94	Spectrophotometer	1
95	Slide warming table	1
96	Digital haemoglobino meter	1
97	Soil testing kit	1
98	Stand with clamp	10
99	Stainig racks	48

100	Metalic stand for eppendrof tube	1
101	Metalic stand for cuvette	1
102	Storage bottle pollythene	24
103	Stathescope diamod make	1
104	Test tube stand	17
105	Thermameter	9
106	Test tube holder	66
107	Trinocular microscope	1
108	Micro pipet	5
109	Led bulb	2
110	Spatula	5
111	Suction filter	1
112	Water bath tempo	1
113	Water bath zenith	1
114	Refrigerator two door	1
115	Stage micro meter	2
116	Vacum clenar	1

S.NO.	Particulars of items (MRP)	Quantity
1	Uv vis spectrophotometer	1
2	Incubator	1
3	Vertical laminar flow	1
4	Hp pavilion dt450 – a151IL	1
5	I ball mouse	1
6	Hp laser jet	1

S.NO.	Particulars of items (RUSA)	Quantity
1	Electric oven	1
2	Ph meter	2
3	Deep freezer	1
4	Phase contrast microscope	1
5	Carbon dioxide incubator	1
6	Microwave Oven -	1
7	Electronic Balance	1
8	Alarm clock	1

S.NO.	Particulars of items (SELF FINANCE)	Quantity
1	Animal respirometer	1
2	Accu check active	1
3	Micri pipette stand	2
4	Stand for cuvette	2
5	Hot air oven	1
6	Blade holder for rocking microtom	2
7	Blade holder for rotary microtom	2
8	Block L shaped	7
9	Tissue homojeniger	1
10	Cyclomixer	1
11	Digital densitometer	5
12	Coloum chromatography	5
13	Camera lucida	2
14	Electro phoresis paper model	1
15	Gel electro phoresis	1
16	Eye piece weswox make 5x	2
17	Colorimeter	1
18	Haemoglobino meter	3
19	Haemocyto meter	2
20	Heating mentle	2
21	Digital dissolved oxygen meter	1
22	Micro wave oven	1
23	Cooker	1
24	Trinocular microscope head with inbuilt camera	1
25	Mixture grinder with jar	1
26	Over head projector	2
27	Ph meter	1
28	Rocking microtom	1
29	Rotary microtom	3
30	Lcd projector	1
31	Stage microtom	1
32	Student microscope metzer make model 38	1
33	Differential blood cell counter	1
34	Student microscope insif	2
35	Soslet apparatus	1
36	Table lamp	

DEPARTMENT OF PHYSICS
DEATAILS OF APPARATUS (UGC)

S.N o.	Name of the Apparatus	Qty.	Name of Firm	Bill No.	Grant	Amount
1.	Polarimeter with 100 & 200mm tube	1	National Scientific Instruments Co.	315/87-88	Basic	1,033.20/-
2.	Spectrometer	1	ZETT scientific industries	180/88-89	Plan 7	819/-
		1	NISCO Delhi	283/89-90	Plan 7	918/-
3.	Battery eliminator	1	NISCO Delhi	590/88-89	Basic	378/-
4.	A.C. mili ammeter (0-500mA)	2	Gupta Scientific works, Durg	254/GSW/90 Dated 6/02/90	Basic	300/-
5.	A.C. mili voltmeter (0-100mV & 0-500mV)	2	Gupta Scientific works, Durg	254/GSW/90 Dated 6/02/90	Basic	300/-
6.	Zener Diode ETB-51	1	Gupta Scientific works, Durg	A/143/GSW/90 Dated 11/01/90	Basic	1,855.00/-
7.	Travelling Microscope	2	ZETT	290/87-88	Basic	1,276.60/-
8.	Spectrometer	1	ZETT Scientific industries	180/88-89	Basic	777.00/-
9.	Refrigerator (Godrej)	1	Godrej 165 (t) Model Gold Gold Colour-mehroon	003748	Plan 8	9,000/-
10.	Spectrometer	1	NISCO Delhi	351/98-99 dated 16/03/99	Plan 9	4,588.50/-
11.	Research Optical Bench	1	Research Optical Bench with Biprism assembly	5898 Dated 28/12/99	Plan 9	15,600/-
12.	Spectrometer	2	INSIF Ambala Cantt.	7269 Dated 25/3/02 & 7257 dated 20/3/02	Plan 9	4,576/-
13.	Susceptibility of paramagnetic solution by Quink method	1	Omega electronics JAIPURE	OE/P175/08-09 Dated 28/03/09	Plan 10	36,500/-
14.	Digital multimeter Hand Held 3 ^{1/2} digit DMM-101	1	Omega electronics JAIPURE	OE/P175/08-09 Dated 28/03/09	Plan10	1,237/-
15.	Muffle furnance (Digital)	1	Central Scientific Company Nagpur	2309 Dated 21/2/12	U.G.C. Additional	19,800/-

16.	Hot Air Oven(Lab Type) Size	1	Central Scientific Company Nagpur	2309 Dated 21/2/12	Additional	10,687.5/-
17.	Water Bath 12-Hole BTI	1	Central Scientific Company Nagpur	2309 Dated 21/2/12	Additional	7,200/-
18.	Single Pan Balance	1	Nisco Delhi	216 Dated 7/2/12	Plan 10	14,051.25/-
19.	Magnetic Stirrer with Hot plate	1	Nisco Delhi	216 Dated 7/2/12	Plan 10	6,626.25/-
20.	PH meter "Wensar" model WPH-10	1	Nisco Delhi	216 Dated 7/2/12	Plan 10	9,022.5/-
21.	Physics of fiber optics Trainer(Fo-008)	1	Omega electronics Jaipur	OE/0694/11-12 Dated 8/2/12	Plan 10	23,940/-
22.	Lenovo Desktop Computer with monitor,UPS,Printer HP Laserjet	2	Computech Associates A market,sec10 Bhilai Nagar	CA/11-12/MAR/216 Dated 28/3/12	Plan 10	60,200/-
23.	Thermoluminescence of F centre in alkali Halide Black Box,KCL,kBr crystal holder oven,oven supply, thermometer,photomultiplier tube,PMT housing with biasing circuit & connecting cables,digital high Voltage PS,Digital nanometer	1	Raman scientific Instruments Roorkee	RSI/2K 11-12 2K12/4067 Dated 19/3/12	U.G.C. Additional	39,823/-
24.	Analog Single & Dual trace oscilloscope 30MHz	2	Bteck Enterprises Durg	182 Dated 31/12/09	Plan 10	36,400/-
25.	Four Probe Exp.(Research based)	1	Vijay Engineers Enterprises ,Raipur	30 dated 28/3/13	U.G.C. Additional	4,500/-
26.	UV Fluorescence Viewing Cabinet	1	Vijay Engineers Enterprises ,Raipur	30 dated 28/3/13	U.G.C. Additional	50,571/-
27.	Electromagnet(EMU-50)7.5kg	1	Vijay Engineers Enterprises ,Raipur	30 dated 28/3/13	U.G.C. Additional	25,027.25/-
28.	Regulated Power Supply using IC	2	Electricals & Electronics , Indore	7359 Dated 30/11/13	Plan 12	14,464/-
29.	Rectifier & Filter Characteristics E&E-41	2	Electricals & Electronics ,	7359 Dated 30/11/13	Plan 12	14,464/-

			Jaipur			
30.	Rydberg's constant(complete set)	1	Omega Electronics, Jaipur	OE/0414/13-14 Dated 2/12/13	Plan 12	17,100/-
31.	Digital Balance Cap 200gm IC-.001gm	1	Ragunandan sales corporation ,Durg	124 Dated 18/10/14	Plan 12	22,668.9/-
32.	Pastel & Morter granite /Agate stone	2	Ragunandan sales corporation ,Durg	124 Dated 18/10/14	Plan 12	7,062.44/-
33.	Mantle Heater Capacity 1 liter heating controlled by energy regulator	2	Ragunandan sales corporation ,Durg	124 Dated 18/10/14	Plan 12	3,538.56
34.	Micro centrifuge 16000 RPM ,Digitally controlled		Ragunandan sales corporation ,Durg	124 Dated 18/10/14	Plan 12	24,880.5/-
35.	All in one canon laser 3010	1	Odyssey computers opp. Press complex Indira market ,Durg	5221 Dated 08/01/15	Plan 12	9,799.99/-
36.	All in one canon laser 3010	1	Odyssey computers opp. Press complex Indira market ,Durg	5221 Dated 08/01/15	Plan 12	9,799.99/-
37.	8085 Microprocessor Trainer	2	Omega electronics jaipur	OE/0409/14-15 Dated 20/01/15	Plan 12	20,064/-
38.	Young's modulus of rod searle's interference fringe	1	Revco Instruments Delhi	199/14-15 Dated 14-01-15	Plan 12	5,816/-
39.	Absorption spectra of I ₂ with spectrometer	1	INSIF India Ambala Cantt.	1799 Dated 28/01/15	Plan 12	8,925/-
40.	Spectrometer INSIF 7"	1	INSIF India Ambala Cantt.	1799 Dated 28/01/15	Plan 12	3,885/-
41.	Michelsons interferometer OSAW Type	1	INSIF India Ambala Cantt.	1799 Dated 28/01/15	Plan 12	17,325/-
					Total	

Department of physics
List of Apparatus (G.A2. Stock Register)

S. No.	Name of Apparatus	Qty.
1.	C.R.O. (systronics)	1
2.	Thyratron characteristic	4
3.	Mercury Vapour Lamp 160 watt Direct on 220 volts AC no need of chock	2
4.	Transistorised Power Supply 1 amp	1
5.	VTVM	1
6.	Spectrometer	16
7.	Newton's ring app.(compart)	1
8.	Polarimeter with biquartc system with one glass tube	2
9.	Transistor characteristic app(with 4 meter)	4
10.	XY oscilloscope 5 MHz	1
11.	Spectrometer prism	8
12.	Cantilever	2
13.	Melde's Expt.	3
14.	e/m App. Barmagnet Method	3
15.	Variacs	3
16.	D.C. Milli Voltmeter	3
17.	D.C. Milli Ammeter	4
18.	Stefen's constant App.	1
19.	Jaeger's App.	3
20.	Micrometer slit to light	1
21.	Band Gap (S.C. Diode)	5
22.	Transistor Regulated Power Supply ETB-29	2
23.	Filter characteristic (Junction Diode)ETB-81	3
24.	Study of Regulated Power supply(Using Transistor)	4
25.	Study of Rectifier ,Filter Characteristic(EE-41)	1
26.	Study of I.C. Regulated Power supply	3
27.	Stop Clock(smith Type)	8

28.	Diode & zener diode characteristics	6
29.	S.C.R. characteristics	2
30.	Rectifier ckt.	7
31.	Filter ckt.	1
32.	R.C. Amplifier K.V.	1
33.	Sodium vapour Lamp(alone) 55 watts	2
34.	Young's Modulus Interference fringe method	1
35.	A.C. voltmeter 0-500 volt 0-100 volt	2
36.	Hybrid Parameter of a Transistor	1
37.	Bifilar Pendulum	1
38.	Pendulum Bob Fe metal 1"	2
39.	L.C. Transmission Line (48 Section)	1
40.	Arithmetic Logic Unit	1
41.	Wooden Inertia Table With Extended Arm	1
42.	Keter's Pendulum With damper	1
43.	Quinke's Tube	1
44.	Inductance With equal Voltage Method	1
45.	Law of Parallel & Perpendicular Axis theorem	1
46.	Audio Oscillator For Quink's Tube	1
47.	Function Generator 0.1 Hz to 1MHz	2
48.	Amplitude Modulation & Demodulation	1
49.	BCD to 7-segment Display	1
50.	Study of 4bit ripple counter(Forward & reverse)	1
51.	Tunnel Diode	1
52.	Hollow Prism 38*38*38 mm.	1
53.	Decade Audio Frequency Generator	1
54.	Sodium vapour Lamp 35 watt Complete (Transformer + Wooden Box)	7
55.	Mercury Vapour Lamp 80 watt +Choke+Box	4
56.	FET Amplifier Kit	1
57.	Laser Diode + P.S. Green Laser Pen Single, Double Pinhole, Circular & Mesh Slitse R.P. Slit For Telescope Grating For Laser 3 in 1	9

DEPARTMENT OF PHYSICS DEATAILS OF APPARATUS (UGC)		
S.N o.	Name of the Apparatus	Qty
1.	Polarimeter with 100 & 200mm tube	1
2.	Spectrometer	1
3.	A.C. mili ammeter (0-500mA)	2
4.	A.C. mili voltmeter (0-100mV & 0-500mV)	2
5.	Zener Diode ETB-51	1
6.	Travelling Microscope	2
7.	Spectrometer	1
8.	Refrigerator (Godrej)	1
9.	Spectrometer	1
10.	Research Optical Bench	1
11.	Spectrometer	2
12.	Susceptibility of paramagnetic solution by Quink method	1
13.	Digital multimeter Hand Held 3 ^{1/2} digit DMM-101	1
14.	Muffle furnance (Digital)	1
15.	Hot Air Oven(Lab Type) Size	1
16.	Water Bath 12-Hole BTI	1
17.	Single Pan Balance	1
18.	Magnetic Stirrer with Hot plate	1
19.	PH meter "Wensar" model WPH-10	1
20.	Physics of fiber optics Trainer(Fo-008)	1
21.	Lenovo Desktop Computer with monitor,UPS,Printer HP Laserjet	2
22.	Thermoluminesence of F centre in alkali Halide Black Box,KCL,kBr crystal holder oven,oven supply, thermometer,photomultiplier tube,PMT housing with biasing circuit & connecting cables,digital high Voltage PS,Digital nanomater	1
23.	Analog Single & Dual trace oscilloscope 30MHz	2
24.	Four Probe Exp.(Research based)	1
25.	UV Flourescence Viewing Cabinet	1
26.	Electromagnet(EMU-50)7.5kg	1
27.	Regulated Power Supply using IC	2
28.	Rectifier & Filter Characteristics E&E- 41	2
29.	Rydberg's constant(complete set)	1

30.	Digital Balance Cap 200gm IC-.001gm	1
31.	Pastel & Morter granite /Agate stone	2
32.	Mantle Heater Capacity 1 liter heating controlled by energy regulator	2
33.	Micro centrifuge 16000 RPM ,Digitally controlled	1
34.	Dell laptop 3546/4/500/dos	1
35.	All in one canon laser 3010	1
36.	8085 Microprocessor Trainer	2
37.	Young's modulus of rod searle's interference fringe	1
38.	Absorption spectra of I ₂ with spectrometer	1
39.	Spectrometer INSIF 7"	1
40.	Michelsons interferometer OSAW Type	1

DEPARTMENT OF PHYSICS
LIST OF APPARATUS (SFA & SF2 REGISTER)

S.No.	Name of apparatus	SF A Reg (Qty.)	SF2 Reg (Qty.)	TOTAL Qty.
1	Stop Clock	10	02	12
2	Spectrometer Prism D.F.	04	02	06
3	Transistor Char. App (C.B.) mode	04		
4	Transistor Char. App (C.E.) mode	01		
5	Spectrometer 6" Scale V.R. to 1 minute	03		
6	Sodium Vapour Lamp 35 Watts	01		
7	Prism For i-d curve expt.	01		
8	Regulated power supply using transistor	01		
9	Sodium Vapour Lamp Box	01		
10	Newton's Ring Apparatus	03		
11	Micrometer Slit For R.P. Of Telescope	06		
12	Amplitude Modulation & Demodulation With Power supply	01		
13	Inverting & non Inverting opamp	01		
14	Logic Training Board with PS	02		
15	Flip Flops with PS LTB-826	01		
16	Diffraction Grating	07		
17	Pendulum Bob	02		
18	Bifilar Pendulum	01		
19	CRO (10MHz to 2MHz)	01+03=04		
20	8085 Microprocessor	01+01=02		
21	Variac Dimmerstat	03		
22	RC transmission line	01		
23	Verification of Parallel & Perpendicular axis	01		
24	Wooden Inertia Table	01		
25	Quink's Tube	01		
26	Determination of Capacitor by equal method with digital Meter	01		

27	A/D Converter	01		
28	D/A Converter	01		
29	H-Parameter of transistor	02		
30	Monostable Multivibrator	01		
31	Bistable Multivibrator	01		
32	Astable Multivibrator	01		
33	Single stage RC coupled Amplifier	01		
34	Two stage RC coupled amplifier	01		
35	U.J.T. Characteristic app.	02		
36	F.E.T Characteristic app.	02		
37	Thyratron Characteristic	01		
38	Digital Multimeter	01		
39	Sodium vapour lamp 55 watt	02		
40	Function Generator (3MHz)	01		
41	Dual power Supply	01		
42	Integrating & Differentiating Clipping	01		
43	Forbidden energy gap with P.S. & digital meter ETB -204	01		
44	Phase & Frequency determination of electrical signal using CRO	01		
45	Constant Deviation Spectrograph	01		
46	Michelson Interferometer	01		
47	H ₂ spectrum & R. constant	01		
48	Plank's Constant by spectrograph & photo voltaic cell	01		
49	Hall Effect Experiment	01		
50	Optical Fiber	01		
51	ENCODER & DECODER	02		
52	Multiplexer & Demultiplexer	02		
53	Left –Right Shift Register	02		
54	Study of Schmitt's Circuit	02		
55	MOSFET Characteristic	02		
56	Difference amplifier	01		
57	Absorption Spectrum of Iodine vapour	01		
58	Lande's G-factor	01		
59	RAM trainer	01		
60	FET characteristic at low frequency	01		
61	Four probe method	02		
62	Milikan's Oil Drop App.	01		

63	Spectrum hydrogen Tube	01	01	02
64	Mercury vapour lamp 80 watts	01+01=02		
65	He-Ne laser Output power	01		
66	Tunnel Diode Characteristic	01		
67	P-N Junction Diode & Zener Diode	01	01	02
68	e/m apparatus method	01		
69	FET Amplifier kit	01		
70	Rectifier & Filter (Half & full wave)	02		
71	Cantiliver with G clamp	02		
72	Vibration magnetometer	02	02	04
73	Inertia Table	02		
74	Maxwell vibration Needle with stand	01		
75	Battery (9V)		01	
76	Banana pin		60	
77	Borosil beaker		01	
78	Coffee heater		04	
79	Connecting leads		13	
80	Flat spring spiral		01	
81	Filter circuit		01	
82	Magnetic needle		09+04=13	
83	Thermometer		02	
84	Jager's apparatus		01	
85	Magnet (2inch)		02 pair	
86	Magnet		04	
87	Measuring cylinder		02	
88	Multimeter		02	
89	Magnetic compass		05	
90	Mercury thermometer		03	
91	Soldering iron		01	
92	Superposition theorem		01	
93	Screw guage		05	
94	Verification of Norton's theorem		01	
95	Vernier callipers		05	
96	Table lamp		01	
97	Lissajus pattern trainr		01	
98	PN junction and Zener Diode		01	
99	Photovoltaic cell		01	

Department of Physics
List of Apparatus (self –Financing reg B)

S.N.	Name of apparatus	Qty.	Name of firm	Bill No.	Grant	Amount
1.	Verification of max. power transfer theorem	01	Dilip Electrical & Electronics	03 Dated-29/10/01		135.50/-
2.	Verification of theven's theorem	01	Dilip Electrical & Electronics	06 Dated -03/10/01		128.50/-
3.	Regulated power supply	01	Dilip Electrical & Electronics	01 Dated-25/09/01		222/-
4.	Rectifier & Filter Circuit	01	Dilip Electrical & Electronics	18 Dated-24/11/01		254/-
5.	Verification of Reciprocity Theorem	02	Dilip Electrical & Electronics	22 Dated-27/11/01		190.50/-
		02	Dilip Electrical & Electronics	51 Dated-02/02/02		206.50/-
6.	Transistor Characteristic	01	Dilip Electrical & Electronics	29 Dated-03/01/02		297.50/-
7.	Norton's Theorem	01	Dilip Electrical & Electronics	60 Dated-01/10/02		132.50/-
		01	Dilip Electrical & Electronics	77 Dated-04/11/03		122/-
8.	Young's Modulus Interference fringe method	01	Revco ,Delhi	28/02-03 Dated 10/12/02		1,921.50/-
9.	A.F. oscillator	01	Revco, Delhi	28/02-03 Dated 10/12/02		2,148.30/-
10.	D.C. milliammeter withstand	04	Revco, Delhi	28/02-03 Dated 10/12/02		399/-
11.	D.C. millivoltmeter withstand	04	Revco, Delhi	28/02-03 Dated 10/12/02		399/-
12.	D.C. microameters withstand	04	Revco, Delhi	28/02-03 Dated 10/12/02		546/-
13.	A.C. Voltmeter	02	Revco, Delhi	28/02-03 Dated 10/12/02		134.4/-
14.	Millimans theorem	01	Dilip Electrical & Electronics Dilip Electrical & Electronics	81 Dated-17/01/03		122/-
15.	Hybrid Parameter of a transistor	01	NISCO	172 Dated-11/01/03		1045/-
16.	Zener Diode Characteristic	01	Dilip Electrical & Electronics Dilip Electrical & Electronics	89 Dated-26/02/03		271/-
17.	Audio oscillator for	01	Mahakoshal	Dated-		600.6/-

	Quink's Tube		Scientific Works ,Bilaspur	24/03/04		
18.	Mercury Vapour lamp	01	Revco, Delhi	009/05-06 Dated-19/04/05		313/-
19.	Box for Mercury Vapour	01	Revco, Delhi	010/05-06 Dated-19/04/05		864.15/-
20.	Xmer for Na Vapour lamp	02	Revco, Delhi	008/05-06 Dated-19/04/05		977.55/-
Total						11,031.5/-