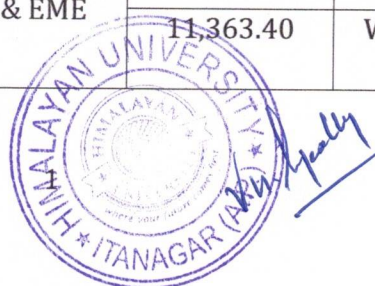


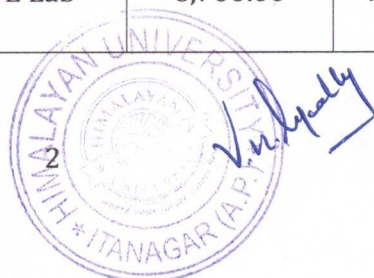
APPENDIX - XV

INFORMATION ABOUT THE EQUIPMENT

S. No.	Item Description	Location Department	Value (In Rs.)	Present Condition	Date of Purchase
1	Determination of Office Coefficient	Physics	38,232.00	Working	06-12-2017
2	Calibration of Orifice & Venturi Meter		35,046.00	Working	
3	Velocity of water in an open channel app		1,85,850.00	Working	
4	Wind Tunnel app		69,030.00	Working	
5	Calibration of V-Notch app		58,410.00	Working	
6	Izod & Charpy testing machine	SoM	90,270.84	Working	
7	Simple gear train experiment		1,699.20	Working	
8	Compound gear train exp.		4,799.00	Working	
9	Torsion of Rod/ wire exp. Horizontal		4,141.80	Working	
10	Worm & Worm wheel single		6,903.00	Working	
11	Worm & Worm wheel double		7,965.00	Working	
12	Worm & Worm wheel triple		10,089.00	Working	
13	Belt pulley experiment		10,089.00	Working	
14	Torsion of Rod/Wire exp. Vertical		7,646.40	Working	
15	Prismatic compass (Gun Metal)	Surveying	2,867.40	Working	
16	Box sextant		2,867.40	Working	
17	Nautical sextant		12,744.00	Working	
18	Dumpy level D.L-9"		24,883.20	Working	
19	Measuring chain 3 Meter		6,690.60	Working	
20	Tilting level T.L.9"		25,297.92	Working	
21	Auto level with stand		55,296.00	Working	
22	Vernier theodolite		66,816.00	Working	
23	Cochran & Lancashire boiler model	ED & EME	23,364.00	Working	
24	Babcocks & Willcox boiler model		11,363.40	Working	



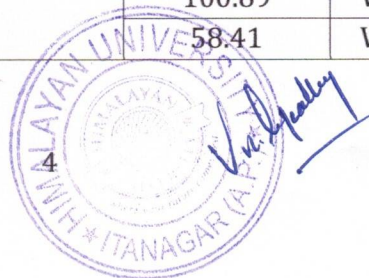
25	Study of boiler mountings set		61,596.00	Working	
26	Clutch set of 3		6,490.00	Working	
27	Foundation bolt		2,478.00	Working	
28	Riverts four type		955.8	Working	
29	Gear set of 8		15,171.60	Working	
30	Slide crank mechanism		18,585.00	Working	
31	Jointed roof truss	SOM & EM	4,035.60	Working	
32	Simple supported beem		4,779.00	Working	
33	Screw jack large with weights		11,151.00	Working	
34	Cetrifugal (static app)		13,275.00	Working	
35	Exp. Of trusses structural mechanics		50,976.00	Working	
36	Digital theodolite 2 sec	Surveying 1	96,768.00	Working	
37	Hysteresis curves of ferromagnetic material	Physics	43,000.00	Working	
38	Taping key		125	Working	
39	Voltmeter 2"		525	Working	
40	One way key		95	Working	
41	Rheostate 6"x2.5"		600	Working	
42	Scale 12"		30	Working	
43	Multiple stirrer (Floculator)	PEG Lab	19,500.00	Working	
44	Turbidity meter digital		6,500.00	Working	
45	Digital Ph meter		5,800.00	Working	
46	Autoclave small 12"		4,900.00	Working	
47	Water analysis kit		22,500.00	Working	
48	Conductivity meter		6,750.00	Working	
49	Digital electronic balance 10mg		9,500.00	Working	11-01-2018
50	Hot water bath		4,700.00	Working	
51	B.O.D Incubator (455x410x610mm)		65,000.00	Working	
52	Test closely coiled helical spring combined compression & Extension of spring app.	Solid Mechanics	9,500.00	Working	
53	Combined inclined plane friction slide	SOM and Engineering Mechanics	5,000.00	Working	
54	Dynamics exp. On momentum conservation		4,500.00	Working	
55	Exp. On moment of inertia (Fly wheel)	EDE Lab	6,700.00	Working	



56	Trestle with Drawing board 23"x32" special quality (i.e) made from Ssquare pipe & mouldings	Surveying Lab	3,06,000.00	Working	
57	Leveling staves 4 meter 4 fold		4,600.00	Working	
58	Survey umbrella		3,100.00	Working	
59	Stand for various level		30,800.00	Working	
60	Plane table set		27,000.00	Working	
61	Parameter of A/C single phase series RLC circuit	Electrical Engg	10,650.00	Working	
62	Determination of efficiency of DC shunt motor by load		40,550.00	Working	
63	Full wave & Half wave Rectifier circuits with and without capacitor and determiner ripples factors		4,350.00	Working	
64	Study operational amp as adder&subtra		4,950.00	Working	
65	Standard compact test	Soil Mechanics	6,500.00	Working	
66	Iodine flask borosilicate	Chemistry	1,980.00	Working	
67	Newton's ring complete set up to retermine the wavelength of Monochromatic light	Physics / Engineering	12,744.00	Working	06-12-2017
68	To determine the Freshnel's Bi prism		15,399.00	Working	
69	To determine the nodal slide assembly		15,399.00	Working	
70	Polarimeter Bi Quartz		7,327.00	Working	
71	Determine the wavelength spectral lines		12,531.60	Working	
72	Carey foster's bridge		7,115.40	Working	
73	Stewart & gees app		7,115.40	Working	
74	Stefan's law lit electricals method		4,141.80	Working	
75	Calibration of ammeter and voltmeter		7,327.80	Working	
76	Half effect experiment complete setup		46,728.00	Working	
77	Energy band gap		25,488.00	Working	



78	Electro chemical equivalent	10,089.00	Working
79	Determine the ballistic constant	7,115.40	Working
80	High resistance by leakage	11,682.00	Working
81	Magnetic susceptibility of paramagnetic	43,542.00	Working
82	Reading lamp with magnifier	1,168.20	Working
83	Reading lens 3" brass body	79.65	Working
84	Spherometer	265.5	Working
85	Plane diffraction grating 1500 LPI	1,539.90	Working
86	Sodium lamp with wooden box 2 nd consignment	3,186.00	Working
87	Mercury vapor lamp complete setup	1,539.90	Working
88	Polarimeter tube 200mm	361.08	Working
89	Standard cell 1.2 V electronic	1,115.10	Working
90	Lachlanche cell complete	292.05	Working
91	Galvanometer 2" on stand	557.55	Working
92	Voltmeter of L.C (0-3) volt 2" on stand	577.55	Working
93	Voltmeter of L.C. (0-3) volt 4" on stand	849.6	Working
94	Ammeter 2" on stand	557.55	Working
95	Ammeter 4" on stand	849.6	Working
96	Commutator spring type	132.75	Working
97	Rheostat 6"x2.5"	637.2	Working
98	Plug key one way brass	100.89	Working
99	Plug key two way brass	127.44	Working
100	Connection wires roll of 500gm	584.1	Working
101	Tools kit	4,035.60	Working
102	Soldering iron	159.3	Working
103	Screw Guage	371.7	Working
104	Thermometer	106.2	Working
105	Porous pot	100.89	Working
106	Zinc rod	58.41	Working



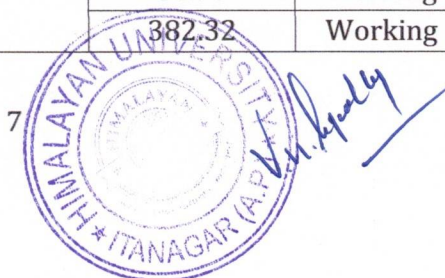
107	Resistance wire for carey Foster's bird.		212.4	Working
108	Copper voltameter with copper plate		424.8	Working
109	Digital stop watch		584.1	Working
110	Pencil jokey		42.48	Working
111	Weight box		584.1	Working
112	Plastic beaker		42.48	Working
113	Sucrose		265.5	Working
114	Taping key		132.75	Working
115	To study the polarization of light by simple reflection using laser		49,914.00	Working
116	Measurement of wavelength of a lesser (He,Ne) light using single slit diffraction		44,073.00	Working
117	Miscosity app (complete setup)		4,991.40	Working
118	Measurement of fiber attenuation		20,178.00	Working
119	Halmholtz Galvanometer		1,911.60	Working
120	Eye piece		90.27	Working
121	Nodal slide convex lens		26.55	Working
122	Digital multimeter (normal quality)		212.4	Working
123	Digital multimeter		1,168.20	Working
124	Morse key for bellastic galvanometer		265.5	Working
125	Condensor for bellastic galvanometer		159.3	Working
126	Murette 50ML (Borosil)	Chemistry/ Nursing / Pharma	17,937.18	Working
127	Chemical balance with weight		98,766.00	Working
128	Volumetric pipette 20 ml borosil		6,340.14	Working
129	Volumetric pipette 25ml borosil		6,499.44	Working
130	Pipette 10ml		5,256.90	Working
131	Beaker 1000ml borosil		3,096.79	Working
132	Conical flask 500ml		2,453.22	Working
133	Volumetric flask 500ml borosil		5,186.81	Working



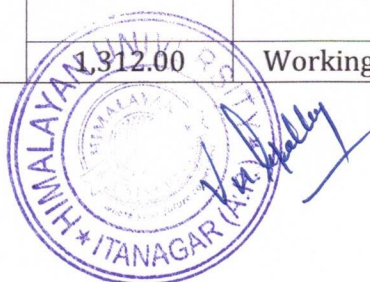
134	Volumetric flask 250ml borosil	9,717.30	Working
135	Volumetric flask 1000ml borosil	7,786.58	Working
136	Volumetric flask 100ml borosil	8,188.02	Working
137	Beaker 500ml (borosil)	1,478.30	Working
138	Beaker 100ml borosil	1,784.16	Working
139	Conical flask 250ml borosil	3,886.92	Working
140	Beaker 250ml borosil	1,835.14	Working
141	Microburette 10x0.5ml	5,428.94	Working
142	Desiccators 6"	1,465.56	Working
143	Hydrochloric acid 5 lit.	1,824.52	Working
144	Methyl orange 125ml	560.74	Working
145	Phenolphthaline indicator 125ml	581.98	Working
146	Sodium carbonate 500gm	575.6	Working
147	Eriochrome black T 25gm	401.44	Working
148	Potassium iodide 500gm	14,819.15	Working
149	Sodium thio sulphate	363.2	Working
150	Glacial acetic acid 500gm	586.22	Working
151	Silver nitrate 100gm	45,500.33	Working
152	Potassium cromate 500gm (ER)	2,017.80	Working
153	Potassium dichromate 500gm	963.23	Working
154	Potassium ferricyanide 500gm	1,701.32	Working
155	Sodium hydroxide flakes 500gm	257	Working
156	Copper sulphate pentahydrate 500gm	628.7	Working
157	Calcium chloride 500gm	250.63	Working
158	Sodium thio sulphate	363.2	Working
159	Starch soluble glass 500gm	2,349.14	Working
160	Dist. Water app	5,841.00	Working
161	Sulphuric acid 5 lit.	2,548.80	Working
162	Potassium thio cyanate 500gm	1,886.11	Working
163	Ammonium ferrous sulphate 500gm	1,036.51	Working
164	Ferric chloride 500gm	598.97	Working



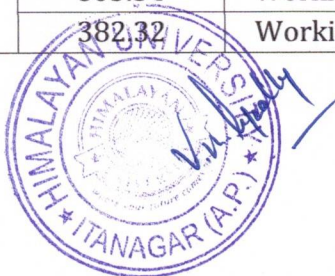
165	Sodium nitrite 500gm	711.54	Working
166	Ammonia buffer solution 500ml	424.8	Working
167	Sodium nitro prusside 100gm	1,157.58	Working
168	Glacial acetic acid 500gm	586.22	Working
169	Lead acetate 500gm	1,021.64	Working
170	Chloroform 500ml	707.29	Working
171	Chlorine water 500ml	212.4	Working
172	Formic acid 500ml	754.02	Working
173	Sodium hydroxide pellets 500gm	660.56	Working
174	Nitric acid 2.5 lit.	3,925.15	Working
175	Sodium Bi carbonate 500gm	596.84	Working
176	Phenolphthaline indicator 100gm	1,242.54	Working
177	Potassium hydroxide 500gm flasks	734.9	Working
178	Organic solvent 500ml	849.6	Working
179	Cerric ammonium nitrate 100gm	5,662.58	Working
180	Acetyl chloride 500ml	1,312.63	Working
181	Ferric chloride	598.97	Working
182	Sodium nitrate 500gm	594.72	Working
183	Fehling solution A 500ml	628.7	Working
184	Fehling solution B 500ml	991.91	Working
185	Bebedict's solution 500ml	411.26	Working
186	Acetone 500ml	729.25	Working
187	Glucose 500gm	344.09	Working
188	B-Napthol 500gm	1,962.58	Working
189	Whatman filter paper No. 1	2,251.44	Working
190	Filter paper No. 2	5,841.00	Working
191	Desiccators 4" Ord. glass	378.07	Working
192	Phenol reagent 100ml	1,170.32	Working
193	PH meter digital	20,709.00	Working
194	Calorimeter digital	21,186.90	Working
195	Burette stand polythene with clamp	13,620.15	Working
196	Watch glass 3"	152.93	Working
197	Mortar & pestle 8"	318.6	Working
198	Mortar & pestle 5"	84.96	Working
199	Weighing tube plastic	382.32	Working



200	Pipette stand (triangular)		630.83	Working	
201	Bevel protector	Workshop	6,690.60	Working	
202	Plug gauge set		29,205.00	Working	
203	Sine bar 200mm		12,744.00	Working	
204	Sine bar 300mm		26,019.00	Working	
205	Depth micrometer		23,895.00	Working	
206	Surface plate 45x45 cm		40,887.00	Working	
207	V Block 10x7x4 cm		3,079.80	Working	
208	Vernier 6"		3,186.00	Working	
209	Verniar height gauge		15,930.00	Working	
210	Radius gauge		2,920.50	Working	
211	Educating children with learning disabilities	Special Education	1,390.00	Working	14-04-2015
212	Perspective on learning disabilities		825	Working	
213	Learning disabilities . a practical guide		2,000.00	Working	
214	Educ. Children with special needs reddy		1,700.00	Working	
215	Developmental Biology 11/ED	Zoology / Biology / Biochemistry	3,955.00	Working	01-10-2019
216	Karp's cell Biology 8/ED		3,149.47	Working	
217	Invertebrate Zoology		2,380.00	Working	
218	Cell biology ,genetics, molecular biology ,and ecology		2,797.20	Working	
219	Genetics 9/Ed		2,380.00	Working	
220	Animal physiology & biochemistry		1,275.00	Working	
221	Modern TB of Zoology invertebrates 12/ed		1,788.00	Working	
222	Economic Zoology		1,280.00	Working	
223	Cell Biology		1,396.50	Working	
224	Cell and molecular Biology 3/Ed		1,397.20	Working	
225	Animal physiology and Biochemistry		1,520.00	Working	
226	Biotechnology and Genomics		1,808.00	Working	
227	Animal Biotechnology		1,620.00	Working	
228	A Manual of practical Zoology Invertebrates		1,487.50	Working	
229	Chordate Zoology		1,312.00	Working	



230	Manual of prac. Zoology Chordates		1,487.50	Working	
231	Practical Zoology Vertebrates 12/ED		1,820.00	Working	
232	Practical Zoology Invertebrates 12/ed		1,740.00	Working	
233	Modern text book of Zoology Vertebrates 5 th /ed		2,980.00	Working	
234	Invertebrates Zoology , 7/Ed		1,813.00	Working	
235	Fundamental of Biochemistry		1,678.00	Working	
236	Divider	Workshop	106.2	Working	06-12-2017
237	Letter punch A to Z		371.7	Working	
238	G-clamp 6"		2,867.40	Working	
239	Number punch		796.5	Working	
240	Tongs round		318.6	Working	
241	Vernier caliper 12"		4,779.00	Working	
242	Hand hack saw		424.8	Working	
243	Swage block 30x30x8cm		10,382.40	Working	
244	Swage block 50x50x10cm		15,186.60	Working	
245	Anvil horn 50kg with stand		41,205.60	Working	
246	Molding box 10"		22,302.00	Working	
247	Electrical Arc welding 350 amp air		15,399.00	Working	
248	Welding table		19,116.00	Working	
249	Straight hammer with handle 2 kg		1,062.00	Working	
250	Double face hammer 2kg		1,194.75	Working	
251	Double face 5 kg		2,920.50	Working	
252	Ball pein hammer 800mg		849.6	Working	
253	Cross pein hammer 800mg		902.7	Working	
254	Try square 6"		252	Working	
255	Tong flat		531	Working	
256	V Block small		1,593.00	Working	
257	Measuring tap 3 meter		148.68	Working	
258	Fiel single cut 12"		509.76	Working	
259	Flie 12" double cut		509.76	Working	
260	Square file 10"		446.04	Working	
261	Half round file 10"		605.34	Working	
262	Triangular file 10"		382.32	Working	

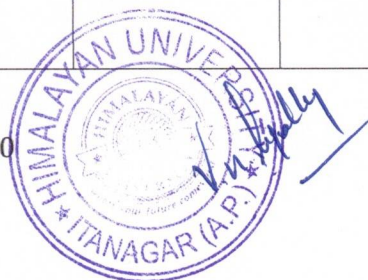


263	Round file 10"		621.27	Working	
264	Tig welding set without cylinder		42,480.00	Working	
265	Sledge hammer 5kg with handle		2,548.80	Working	
266	Sine bar 100mm		6,372.00	Working	
267	Dropping bottle 125ml (ordinary glass)		5,04.00	Working	
268	Magnetic stirrer with hot plate		3,800.00	Working	
269	Desiccators 6"		2,760.00	Working	
270	Iodine flask borosilicate		200	Working	
271	Viscometer glass borosilicate		2,250.00	Working	
272	Stop clock		9,000.00	Working	
273	Density bottles borosilicate		2,160.00	Working	
274	Funnel 3" borosilicate		2,250.00	Working	
275	Wire gauge double asbestos		720	Working	
276	Sprit lamp		1,980.00	Working	
277	Reagent bottle 250ml		15,840.00	Working	
278	Reagent bottle 250ml W.M		4,104.00	Working	
279	Burette stand polythene with camp		1,425.00	Working	
280	Sand paper		100	Working	
281	Sodium metal 250gm		1600	Working	
282	Scriff Reagent 500ml		245	Working	
283	Tripod stand 8"		2,975.00	Working	
284	Oven digital 14"x14"x14		12,500.00	Working	
285	Oven digital 24"x18"x36"		42,000.00	Working	
286	Verification of kirchoff's Law		4,350.00	Working	
287	Study of R.L.C series with functional Generator		9,700.00	Working	
288	Verification of Thevenin's theorem		4,350.00	Working	
289	Mercury vapors lamp with choke in cabinet fitted		2,100.00	Working	
290	Sodium vapors lamps 35W with transformer in cabinet fitted		3,500.00	Working	

Pharmac / Chemistry

Engineering

11-01-2018



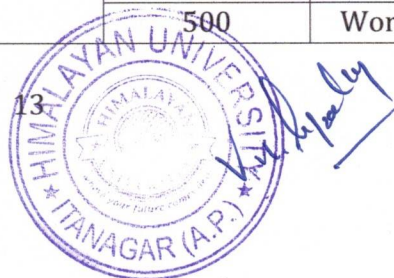
291	Study & testing of electronic component set 10 pc each component	2,500.00	Working
292	Digital multimeter special quality	1,100.00	Working
293	Normal digital multimeter	200	Working
294	Half wave & full wave bridge rectifier	4,000.00	Working
295	Implementation of inverting and non inverting amplifier using op-amp	3,200.00	Working
296	Input Output characteristics curve for CE configuration of transistor	5,600.00	Working
297	Implementation of simple Boolean expression using logic gate	3,250.00	Working
298	Electronic components PCB type PCB making tools soldering & desoldering along with multimeter	9,700.00	Working
299	Rasp file 12"	360	Working
300	Mortise chisel	280	Working
301	Mortise gauge	500	Working
302	Rip saw	120	Working
303	Tenon saw	800	Working
304	Cold chisel	140	Working
305	Combination stone	150	Working
306	Hand drill machine	290	Working
307	Pipe vice metro	1,800.00	Working
308	Chain wrenches 24" pair	1,400.00	Working
309	Pipe die set	2,700.00	Working
310	Measuring tap 30 meter	370	Working
311	Bevel square 6"	70	Working
312	Bevel protector	4,200.00	Working
313	Feeler gauge	450	Working
314	Wire guage	500	Working
315	Screw driver set large	2,625.00	Working
316	Tap set	2,700.00	Working
317	Stakes four type	11,200.00	Working
318	Ball pein hammer 800gm	800	Working



319	Thread gauge metric		300	Working	
320	Wire gauge		200	Working	
321	Letter punch		2,250.00	Working	
322	Fuller		600	Working	
323	Swage set		1500	Working	
324	Goggle		600	Working	
325	Hand gloves leather		450	Working	
326	Foundry tool kit wooden		30,000.00	Working	
327	Leg vice opening 15cm		11,000.00	Working	
328	Carpentry vice		28,800.00	Working	
329	Laddles		1,490.00	Working	
330	Micro meter 0-25mm		2,250.00	Working	
331	Micro meter (25-50 mm)		3,250.00	Working	
332	Screw driver set in box		1,125.00	Working	
333	Plier		750	Working	
334	L.N. Key		375	Working	
335	Out side/ side odd callpers 8"		1,080.00	Working	
336	Hammer plain 0.8kg		850	Working	
337	Lid & reciver		584.1	Working	
338	Liquid limit devide with (counter)		3,717.00	Working	
339	Liquid limit motorised		18,054.00	Working	
340	Shrinkage limit set		5,310.00	Working	
341	Plastic limit set		5,310.00	Working	
342	Sand pouring cylinder		2,548.80	Working	
343	Brass sieves set of 8		4,672.80	Working	
344	Siol hydrometer with cylinder		1,125.72	Working	
345	Verification of kirchoff's law	Workshop	4,619.70	Working	06-12-2017
346	Verification of super position theorem		4,619.70	Working	
347	Thevenin's & Norton's theorem		4,619.70	Working	
348	Maximum power transfer theorem		4,619.70	Working	
349	P-N diode characteristics		4,619.70	Working	
350	To study transistor as switch		5,256.90	Working	
351	Study various logic gates (TTL)		4,194.90	Working	
352	Ball mill		1200	Working	
353	Bulk density	Pharmacy	550	Working	15-04-2014
354	Tablet		350	Working	



355	Friability test apparatus	1550	Working
356	Electronic balance	500	Working
357	Tablet dissolution test	5500	Working
358	Tablet coating pan	2500	Working
359	Tablet punching machine	22000	Working
360	Capsule filling machine	75000	Working
361	Magnetic stirrer	1250	Working
362	Disintegration test apparatus	1490	Working
363	Rectangular water bath	4500	Working
364	Sieve shaker	20.000.00	Working
365	Centrifuge	560	Working
366	Laboratory stirrer	3000	Working
367	Mechanical agitator	6500	Working
368	Ampoule filling apparatus	7450	Working
369	Muffle furnance	12000	Working
370	Suppository mould	650	Working
371	Tincture press	635	Working
372	Electro convulsometer	7500	Working
373	Actophotometer	5,950.00	Working
374	Histamine chamber	5,950.00	Working
375	Analgesiometer	5,750.00	Working
376	Rota rod	12,500.00	Working
377	Magnetic stirrer	2,150.00	Working
378	Laminar air flow	29,500.00	Working
379	Activity cage	950	Working
380	Digital turbidity	6500	Working
381	Pole climbing cage	2400	Working
382	Hot air oven	4,500.00	Working
383	Light microscope	17,500.00	Working
384	Compound microscope	24,500.00	Working
385	Tray dryer	17,500.00	Working
386	Magnetic stirrer	2,150.00	Working
387	Melting point apparatus	12,000.00	Working
388	Digital photo calorimeter	3,500.00	Working
389	Heating mantle	1,350.00	Working
390	Digital Ph meter	9,800.00	Working
391	Digital turbidity	5,500.00	Working
392	Digital ultrasonic cleaner	6,500.00	Working
393	Metal weighing scale mechincal spring balance	1,200.00	Working
394	Digital Ph meter	12,250.00	Working
395	Analagsiometer	5,750.00	Working
396	Digital weighing mechine	500	Working



397	Digital photo calorimeter	1,850.00	Working	
398	Laminar air flow	29,500.00	Working	
399	Ex. Pharm soft. Modules	4,897.00	Working	11-04-2025

