

NATIONAL INSTITUTE OF UNANI MEDICINE, BENGALURU

Annexure – B: Department wise list of Instruments and Machinery (More than One Lakh Rupees and others) with cost/Equipment required as per relevant statutory council

Sl. No.	Name of Machinery & Equipments	Name of the Department	No. Available	Amount in Rupees
1.	Schiller Cardio vit AT 2 ECG Machine with interpretation	ECG UNIT	1	90,000/-
2.	ASPEN ECG Machine with interpretation	ECG UNIT	1	50,000/-
3.	BPL Dynatrac Treadmill	ECG UNIT	1	2,18,000/-
4.	BPL DF 2617 Defibrillator	ECG UNIT	1	1,50,000/-
5.	12 Channel Cardioline Cube Holter	ECG UNIT	1	6,76,000/-
6.	Vibration Perception Threshold	ECG UNIT	1	30,000/-
7.	Hitachi Arietta 65 USG Color Doppler Machine with 4 Probes,	USG UNIT	1	30,28,500/-
8.	Philips Envisor HD USG Color doppler machine with 4 probes	USG UNIT	1	14,97,000/-
9.	Siemens Kinescope H /Mutiphos 15, 2 Tubes	X-RAY	1	9,30,000
10.	Siemens Mutiphose Mobile 2.5 Portable	X-RAY	1	2,60,400
11.	AFGA CR System	X-RAY	1	6,23,840
12.	Haematology Analyzer	Pathology	1	2,50,000/-
13.	Automated ESR analyser	Pathology	1	74,000/-
14.	Trinocular research microscope	Pathology	1	78,000/-
15.	Binocular microscopes	Pathology	1	22,000/-
16.	Hot air oven	Pathology	1	17,000/-
17.	Refrigerator (Samsung)	Pathology	1	50,000/-
18.	Haemoglobin analyser	Pathology	1	11,025/-
19.	Coagulometer	Pathology	1	1,31,875/-
20.	Dissecting microscope	Pathology	1	1,01,220/-
21.	Phase contrast microscope	Pathology	1	1,06,000/-
22.	Anaerobic apparatus	Pathology	1	16,000/-
23.	Centrifuge Remi(digital)	Pathology	1	27,430/-
24.	Automated Biochemistry Analyzer	Biochemistry	1	7,00,000/-
25.	Semi-Automated Biochemistry Analyzer	Biochemistry	1	1,50,000/-
26.	Mispa I 2 (Protein Analyser)	Biochemistry	1	1,00,000/-
27.	Refrigerator 476 liters	Biochemistry	1	50,000/-
28.	Trinocular Research Microscope	Biochemistry	1	45,000/-
29.	Binocular Microscopes	Biochemistry	1	27,000/-
30.	Refrigerator 244 liters	Biochemistry	1	25,000/-
31.	Water bath	Biochemistry	1	20,000/-
32.	Flask shaker	Biochemistry	1	15,000/-
33.	Centriuge digital Micro	Biochemistry	1	11,000/-
34.	Centrifuge digital	Biochemistry	1	10,000/-
35.	Incubator	Biochemistry	1	10,000/-
36.	Hot air oven	Biochemistry	1	10,000/-
37.	Homogeniser	CIF	1	7,84,325/-

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38.	Autoanalyzer	CIF	1	1,29,800/-
39.	Spectrophotometer	CIF	1	12,24,489/-
40.	Distillation Unit	CIF	1	2,88,444/-
41.	Digital pH meter	CIF	1	11,800/-
42.	Viscometer	CIF	1	1,68,525/-
43.	Microwave Digestion System	CIF	1	11,36,250/-
44.	Refrigerated Micro Centrifuge	CIF	1	1,30,826/-
45.	Rota Evaporator	CIF	1	3,87,000/-
46.	HPLC	CIF	1	14,56,000/-
47.	Atomic absorption spectroscopy	CIF	1	8,00,000/-
48.	Karl Fischer Titrator	CIF	1	85,300/-
49.	Digital organ bath with power lab & data acquisition system + Non-invasive blood pressure monitor (NIBP)	CIF	1	24,00,000/-
50.	Haematology analyser	Ilmul Advia	1	3,00,000/-
51.	Automated isolated organ bath	Ilmul Advia	1	1,20,000/-
52.	Polarizing Microscope with camera	Ilmul Advia	1	5,00,000
53.	Binocular Microscope with camera	Ilmul Advia	1	1,00,000
54.	Paper Chromatography chamber	Ilmul Advia	1	10000/-
55.	Muffle furnace	Ilmul Advia	3	1,00,000/-
56.	Infrared Chamber for Fluorescence analysis	Ilmul Advia	1	15000/-
57.	Environmental chamber	Ilmul Advia	1	60000/-
58.	Single - channel semi-automated Coagulometer	Ilmul Advia	1	40000/-
59.	Electronic Balance	Ilmul Advia	4	65000/-
60.	Tablet Disintegration test Machine	Ilmul Advia	1	40000/-
61.	Rota Rod Apparatus	Ilmul Advia	1	120000/-
62.	Activity Meter Apparatus	Ilmul Advia	1	250000/-
63.	Conditioned Avoidance Response Apparatus	Ilmul Advia	1	500000/-
64.	Electro Convulsometer	Ilmul Advia	1	50000/-
65.	Auto analyzer	Ilmul Advia	1	120000/-
66.	Centrifuge machine	Ilmul Advia	2	50000/-
67.	BOD Incubator	Ilmul Advia	1	260000/-
68.	Binocular Microscope	Ilmul Advia	7	1,00,000/-
69.	Microtome	Ilmul Advia	1	60000/
70.	Homogenizer	Ilmul Advia	1	30000/-
71.	Analgesimeter	Ilmul Advia	1	50000/-
72.	Eddy's Hot Plate	Ilmul Advia	1	60000/-
73.	Radial Maze	Ilmul Advia	1	15000/-
74.	Plus Maze	Ilmul Advia	1	10000/-
75.	Ludwig's Manometer	Ilmul Advia	1	
76.	Condon's Manometer	Ilmul Advia	1	
77.	pH meter	Ilmul Advia	3	25000/-
78.	Hot Air Oven	Ilmul Advia	2	30000/-
79.	Bulk Density Apparatus	Ilmul Advia	1	30000/-

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80.	Digital Flame Photometer	Ilmul Advia	1	45000/-
81.	Humidity Chamber	Ilmul Advia	1	20000/-
82.	Incubator	Ilmul Advia	1	45000/-
83.	Brix Refracto Meter	Ilmul Advia	1	20000/-
84.	Polari Meter	Ilmul Advia	1	20000/-
85.	Lypholizer (Freeze Dryer) (Microprocessor Controlled)	Ilmul Saidla	1	3,73,860/-
86.	Photostability Chamber with accessories (5 KVA UPS, Kent R.O)	Ilmul Saidla	1	2,06,323/-
87.	Spectrophotometer	Ilmul Saidla	1	3,73,394/-
88.	Silverson Homogeniser	Ilmul Saidla	1	7,84,325/-
89.	Laminar air flow	Ilmul Saidla	1	87,020/-
90.	Vacuum oven	Ilmul Saidla	1	76,700/-
91.	Deep Freezer	Ilmul Saidla	1	4,22,400/-
92.	Vertical Auto Clave	Ilmul Saidla	01	29,734/-
93.	Humidifier	Ilmul Saidla	01	
94.	Water Bath Rectangular	Ilmul Saidla	02	16,048/-
95.	Hot Air Oven (With Auto Time Control Unit)	Ilmul Saidla	02	60,238/-
96.	Dehumidifier	Ilmul Saidla	01	76,960/-
97.	Ball Mill	Ilmul Saidla	01	
98.	Shaker (Reciprocating Type)	Ilmul Saidla	01	58,845/-
99.	Emulsifier	Ilmul Saidla	01	17,500/-
100.	Bulk Density Apparatus	Ilmul Saidla	01	
101.	Digital Tablet/Solid Materials Dissolution Test Apparatus (Six Stage)	Ilmul Saidla	01	65,300/-
102.	Digital Tablet Friability Test Apparatus (Double drum)	Ilmul Saidla	01	
103.	Digital Tab/ Solid Materials Disintegration Test Apparatus (Double Basket)	Ilmul Saidla	01	
104.	Electronic digital microprocessor based Analytical Balance	Ilmul Saidla	01	58,275/-
105.	Melting Point Apparatus (Digital)	Ilmul Saidla	01	56,700/-
106.	pH Meter	Ilmul Saidla	01	15,778/-
107.	Viscometer	Ilmul Saidla	01	1,68,525/-
108.	Water Bath Shaker	Ilmul Saidla	01	31,157/-
109.	Heating Mantle	Ilmul Saidla	02	26598/-
110.	Double Distillation Apparatus	Ilmul Saidla	01	4,313/- 40,000/-
111.	Panasonic Mixer Grinder	Ilmul Saidla	02	12,400/-
112.	Sieves (Different Size)	Ilmul Saidla	03	25,005/-
113.	Crimping machine	Ilmul Saidla	01	10,878/-
114.	Vacuum oven	Ilmul Saidla	01	76,700/-
115.	Deep Freezer	Ilmul Saidla	01	
116.	Distillation apparatus / Qara' Ambiq	Ilmul Saidla	01	1,40,219/-
117.	Pestle and Mortar	Ilmul Saidla	05	

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118.	Tablet Making Machine (automatic & manual)	Pharmacy	02	4,39,165/-
119.	Pulverisers (Big & small)	Pharmacy	02	2,77,774/-
120.	Dryer (24 tray dryer)	Pharmacy	01	2,23,762/-
121.	Granulator	Pharmacy	01	1,31,689/-
122.	Soxhlet Apparatus	Pharmacy	01	1,45,000/-
123.	Distillation Apparatus	Pharmacy	02	3,93,016/-
124.	Sifter	Pharmacy	02	2,95,000/-
125.	Mass mixer	Pharmacy	01	1,57,716/-
126.	Flour mill	Pharmacy	01	55,693/-
127.	Multi mill	Pharmacy	01	98,000/-
128.	Batch code printing machine	Pharmacy	01	2,59,600/-
129.	Tablet coating machines (Big & small)	Pharmacy	02	43,000/-
130.	Capsule loader "00" size	Pharmacy	01	1,86,440/-
131.	Stick making machine	Pharmacy	01	1,70,335/-
132.	Pills making machine	Pharmacy	01	
133.	Capsule filling machine (manual)	Pharmacy	01	61,313/-
134.	Pouch packing machine (solids)	Pharmacy	01	
135.	Pouch packing machine (liquid)	Pharmacy	01	2,79,380/-
136.	Pouch packing machine (liquid) Automatic	Pharmacy	01	
137.	Autoclave (vertical)	Pharmacy	01	61,360/-
138.	Dehumidifier	Pharmacy	01	76,960/-
139.	Electric kharal (khalvam)	Pharmacy	01	1,80,562/-
140.	End runner	Pharmacy	01	1,33,120/-
141.	Gravity filter	Pharmacy	01	68,063/-
142.	Tincture press	Pharmacy	01	54,562/-
143.	Planetary mixer	Pharmacy	01	1,68,750/-
144.	Bottle washing machine	Pharmacy	01	54,563/-
145.	Bottle filling machine	Pharmacy	01	68,063/-
146.	Bottle capping machine	Pharmacy	01	30,160/-
147.	Filter press	Pharmacy	01	65,812/-
148.	OT Light Ceiling	Operation Theatre	02	15,12,000/-
149.	OT Light Portable	Operation Theatre	02	11,02,080/-
150.	Pulse Oximeter	Operation Theatre	03	2,94,000/-
151.	Anaesthesia Work Station	Operation Theatre	03	2,88,000/-
152.	Air purification System	Operation Theatre	03	5,84,100/-
153.	Fumigation Machine	Operation Theatre	03	43,924/-
154.	Surgical Diathermy	Operation Theatre	03	3,64,500/-
155.	Instrument Trolley (Big)	Operation Theatre	06	47,268/-
156.	Instrument Trolley (Small)	Operation Theatre	03	32,850/-
157.	Mayo's Trolley (S S)	Operation Theatre	03	39,501/-
158.	Emergency Medicine Trolley	Operation Theatre	02	28,551/-
159.	Medicine Trolley	Operation Theatre	03	31,860/-
160.	Trolley with Key	Operation Theatre	05	1,30,390/-
161.	Wheel chair	Operation Theatre	03	1,30,980/-

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162.	Electric Sterilizer	Operation Theatre	03	202000/-
163.	Formalin Chamber	Operation Theatre	06	41,447/-
164.	E C G Machine	Operation Theatre	03	1,32,300/-
165.	Oxygen Cylinder (5' liter)	Operation Theatre	06	1,82,544/-
166.	Oxygen Cylinder (10' liter)	Operation Theatre	06	2,97,714/-
167.	Nitrous Cylinder (5' liter)	Operation Theatre	06	42,840/-
168.	Multi parameter Monitor	Operation Theatre	03	2,68,800/-
169.	O.T. Fogger	Operation Theatre	03	88,500/-
170.	Laparoscope with all accessories Instruments	Operation Theatre	01	29,01,216/-
171.	Harmonic scalpel system with all accessories	Operation Theatre	01	26,25,746/-
172.	Automatic Autoclave	C.S.S.D	01	10,35,332/-
173.	ETO Machine	C.S.S.D	01	4,50,000/-
174.	Ultrasonic Cleaner Machine	C.S.S.D	01	1,25,000/-
175.	C. S. S. D Pass Box	C.S.S.D	01	53,690/-
176.	S. S. Racks	C.S.S.D	04	1,76,717/-
177.	S. S. Washing Sink	C.S.S.D	01	70,800/-
178.	Massage table	Ilaj Bit Tadbeer	01	58,968/-
179.	Analytical balance	Ilaj Bit Tadbeer	01	63319/-
180.	Qai set	Ilaj Bit Tadbeer	01	13282/-
181.	Aalae Mubakhirah Umoomi (with trolley)	Ilaj Bit Tadbeer	01	112340/-
182.	Inkebab chamber	Ilaj Bit Tadbeer	01	13620/-
183.	Nutool table	Ilaj Bit Tadbeer	01	55000/-
184.	Steam chamber	Ilaj Bit Tadbeer	01	76200/-
185.	Sauna chamber	Ilaj Bit Tadbeer	01	194085/-
186.	Takmeed tub	Ilaj Bit Tadbeer	01	13000/-
187.	Spinal Bath- Motorised	Ilaj Bit Tadbeer	01	14250/-
188.	Hip Bath Jacuzzi - 3 in 1	Ilaj Bit Tadbeer	01	28500/-
189.	Short wave diathermy	Physiotherapy	01	48300/-
190.	Interferential Therapy unit	Physiotherapy	01	45000/-
191.	Long wave diathermy	Physiotherapy	01	39200/-
192.	Intermittent traction unit- cervical/pelvic	Physiotherapy	01	14700/-
193.	Hydro collator moist heat therapy	Physiotherapy	01	15225/-
194.	Treadmill	Physiotherapy	01	49920/-
195.	Quadriceps table	Physiotherapy	01	13600/-
196.	Multiple pulley system	Physiotherapy	01	19425/-
197.	Parallel bars	Physiotherapy	01	16000/-
198.	Suspension therapy unit	Physiotherapy	01	32340/-
199.	Corner staircase	Physiotherapy	01	15500/-
200.	Trampoline	Physiotherapy	01	11000/-
	Total cost			Rs. 4,36,55526/-

*Central Instrumentation Facility lab (CIF)