



National Commission for Indian System of Medicine

Instrumen...

You can review the information submitted in this Instruments And Equipments For PHARMACOGNOSY ,PATHOLOGY and MEDICAL BOTANY Form form below before closing.



Institution Details

Institution Id : **AYU0784**
Dr. Shubhangi Pradip Patil Ayurvedic Medical College, Plot No.
700, Indira Nagar, Korochi-Ichalkaranji, Tal.-Hatkanangale, Dist-
Kolhapur, State-Maharashtra-416109

Institution Name :

Institution Course : **Ayurveda**

Visitation Id : **A06725**

PHARMACOGNOSY LABORATORY [DRAVYAGUNA]

S.No	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	Microscope (trinocular with digital camera, including software for projection through liquid crystal display or smart board or smart television for demonstration of histology and others)	01
2	Magnification lens with light	05
3	Microscope (trinocular with digital camera, including software for projection through liquid crystal display or smart board or smart television for demonstration of histology and others)	05
4	Digital weighing scale (up to 10 grams with accuracy 0.001 milligram)	02
5	Digital weighing scale (10-100 grams with accuracy 0.001 gram)	02
6	Thin layer chromatography kit with thin layer chromatography applicator,	01
7	Hot air oven	Available
8	Muffle furnace	Available
9	Digital pH (per Hydrogen Ion Concentration) Meter	01
10	Ostwald viscometer	05
11	Pycnometer or specific gravity bottle	05
12	Soxhlet's extraction apparatus	01
13	Heating mantle (250,500and1000millilitre)	60
14	Bunsen burner electric or gas burner	10
15	Water bath (rectangular)	01
16	Ultraviolet-cabinet	01
17	Desiccator	01

Total : **101**

Stock register with Bills : **Available**

Glassware,consumables and Lab wares

S.No	Reagents/Liquids/Others	Availability
1	Dropper	Available
2	Needle	Available
3	Sharp razor blades	Available
4	Pipe clay triangles	Available
5	Wire mesh	Available
6	Test tube holders	Available
7	Reagent bottles	Available
8	Test tube stands	Available
9	Tripod stand	Available
10	Pair of tong	Available
11	Test tubes	Available
12	Thin layer chromatography plates 20x20cm (pre-coated)	Available
13	Evaporating dish	Available
14	Silica crucible	Available
15	Beakers two hundred milliliter	Available
16	Glass rods	Available
17	Conical flasks two hundred fifty milliliter	Available
18	Glass funnels	Available
19	Chemicals	Available
20	Safranin	Available
21	Light green	Available
22	Sudan red- III	Available
23	Glycerine	Available
24	Dragendorff's reagent	Available
25	Millon's reagent	Available
26	Wagner's reagent	Available
27	Benedict's solution	Available
28	Fehling's solution	Available
29	Iodine solution	Available
30	Methanol	Available
31	Distilled water	Available
32	Ethanol	Available
33	Hydrochloric acid	Available
34	Sulphuric acid	Available
35	Chloroform	Available
36	Phloroglucinol	Available
37	Acetic acid	Available
38	Ferric chloride	Available
39	Potassium iodide	Available
40	Magnesium turnings	Available
41	Ethyl acetate	Available
42	Toluene	Available
43	Silica gel GF-254	Available
44	Blotting or filter papers	Available
45	Microscope slides and cover slips	Available

Roganidana and Vikriti Vijnana (PATHOLOGY LABORATORY)

S.No	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	Microscope (trinocular with digital camera, including software for projection through liquid crystal display)	01
2	Microscope (binocular with eyepiece (wide field)objectives (10x, 40x spring loaded, 100x oil immersion spring loaded)	05
3	Bio chemistry analyser	01
4	Cell counter (haematology)	01
5	Digital spirometry	01
6	Electrocardiogram	Available
7	Enzyme linked immune-sorbant assay reader	01
8	X-ray view box	02
9	Blood pressure apparatus-non mercury	10
10	Stethoscope	30
11	Clinical thermometer	30
12	Tongue depressor	30
13	Knee hammer	Available
14	Measuring tape	10
15	Ear nose throat examination set	10
16	Weighing scale	30
17	Tuning forks	30
18	Nasal speculum	Available
19	Laryngoscope	Available
20	Hepatitis-B antigen kit	10
21	Human immunodeficiency virus kit-Tridot	10
22	Clotting time and Bleeding time kit	10
23	Renal profile, Liver function test kit, lipid profile, blood sugar kit, electrolytes	10
24	Sterile disposable lancet or needle	10
25	Glass rods	10
26	Syringe needle destroyer	Available
27	Cover slip	Available
28	Microscopic slides ,29-60 will be removed and stock and register will be same	10

Total : **262**

Stock register with Bills : **Available**

Essential requirements for department of AgadaTantra

S.No	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	Beakers-fifty millilitre	Available
2	Test Tubes-ten millilitre	Available
3	Test tube holders	Available
4	Gas or electric burner	Available
5	Petri-dish	Available
6	Stirrer	Available
7	Red litmus paper	Available
8	Hydrochloric acid	Available
9	Sulphuric acid	Available
10	Iodine solution (aqueous)	Available
11	Absolute alcohol	Available
12	Weapons	Available
13	Poisons snakes	Available
14	Non-poisons snakes	Available
15	Poisons herbs and minerals	Available

Total : **0**

Stock register with Bills : **Available**

Essential requirements for Swasthavritta department(Only for PG Department)

S.No	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	Digital weighing scale	01
2	Kjheldahl system (digestion unit plus distillation unit)	01
3	Digital muffle furnaces	01
4	Soxhlet fat extraction system	01
5	Abbe's digital refractomete	01
6	Flame photometer	01
7	Hot air oven	Available
8	Refrigerator	Available
9	Water bath	Available
10	Grinder	02
11	Magnetic stirrer	Available
12	Hot plate	Available
13	Digital pH (per Hydrogen ion Concentration) meter	02
14	Vacuum filter system	01
15	Sonicator	01
16	Fume hood	01
17	Desiccator	01
18	Vortex mixer	01
19	Viscometer	Available
20	Refrigerated centrifuge	01
21	Digital polarimeter	01
22	Burette	Available
23	Glass pipette	Available
24	Micropipette (different capacities)	12
25	Heating mantle (different capacities)	12

Total : **41**

Stock register with Bills : **Available**

Equipment and instruments Haematology or pathology section

S.No	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	Fully automated haematology analyser	01
2	Trinocular microscope with display unit	01
3	Colorimeter	Available

Total : **2**
 Stock register with Bills : **Available**

Equipment and instruments Biochemistry section

S.No	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	Fully automated biochemistry analyser	01
2	Electrolyte analyser	Available
3	Centrifuge	Available
4	Hot air oven	Available
5	Chemilumin escence or Enzyme linked immune-sorbentassay	01
6	HbA1C analyser or Cardbased	01

Total : **3**
 Stock register with Bills : **Available**

Equipment and instruments Microbiology section

S.No	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	Trinocular microscope with display unit	10
2	Incubator	Available
3	Autoclave (vertical)	Available
4	Hot air oven	Available
5	Automated blood culture system	Available
6	Bio-safety cabinet	Available

Total : **10**
 Stock register with Bills : **Available**

Equipment and instruments Imaging section

S.No	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	X-Ray unit (preferably digital X-ray)with machine and accessories	01
2	Ultrasound scan	Available

Total : **1**
 Stock register with Bills : **Available**

Others

S.No	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	Electrocardiogram	Available
2	Spirometry	01

Total :	1
Stock register with Bills :	Available



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