

BHARAT AYURVED MEDICAL COLLEGE HOSPITAL & RESEARCH CENTRE

10 Km. Roorkee Road, P.O. Barla, Distt. Muzaffarnagar

DETAILS OF EQUIPMENTS & INSTRUMENTS College, Hospital & Pharmacy

DISSECTION HALL

S.No	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	Tank with a capacity to preserve 2 to 4 bodies	Available
2	Dissection Tables Sets	30
3	Dissecting Table-Full size with steel top or marble top stainless	06
4	Dissecting Table-Half size with steel top or marble top stainless	12
5	Bone cutter of the number 3/4, 1/2, 1/4, 1/8 - fine pointed Chisel bone dissector	Available
6	Bucket and Mug	Available
7	Gloves powder	Available
8	Surgical gloves	Available
9	Surgical Blade	Available
10	Soap	Available
11	Disposable syring - 20cc, 10cc, 5cc	Available
12	Towels	Available
13	Dustbin	Available
14	Stools preferably of metal	Available
15	Wash basin	Available
16	Machines for bones and brain sectioning	Available
17	Over Head Projector	02
18	X-ray viewing box or panels	05
19	Glass jars of different sizes	Available
Total :		55

Reagents

S.No	Reagents/Liquids/Others	Availability
1	Preservative Chemicals	Available

RASASHASTRA AND BHAISHAJYA KALPANA LABORATORY (TEACHING)

S.No	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	Khalva Yantra- Small	25
2	Khalva Yantra- Medium	25
3	Khalva Yantra- Porcelain	30
4	Khalva Yantra- Tapta khalva yantra	06
5	Heating Device-Gas Stove	Available
6	Electronic Balance	02
7	Heating Device-Hot plate	Available
8	Heating Device-Chulla (Charcoal)	Available
9	Vessels-Frying Pan	Available
10	Vessels-Steel Vessel	Available
11	Vessels-Spatula	Available
12	Vessels-Ladles & Spoons	Available
13	Vessels-Knife	Available
14	Vessels-Plates	Available
15	Vessels-Samdamsa Yantra(Tongs)	Available
16	Measuring Equipments Different Size (Glass)	Available
17	Big Vessels & Containers- Brass	Available
18	Big Vessels & Containers-Copper	Available
19	Big Vessels & Containers-Steel etc.	Available
20	Balance (Different Capacities)-Physical	04
21	Balance (Different Capacities)-Chemical	10
22	Pounding Apparatus (Ulukhala Yantra)	40
23	Sieves (Assorted Numbers & Size)	Available
24	Wet Grinder	02
25	Mixi	02
26	Juice Extractor	02
27	Putas (Different kind)	15
28	Pyrometer	Available
29	Thermometer	Available
30	Pressure Cooker	Available
31	Moosha (Crucibles)	60
32	Koshti with Blower	06
33	Refrigerator	02
34	Jars(Porcelain) Fermentation Purpose	Available
35	Dola Yantra	02
36	Valuka Yantra	02
37	Pithara Yantra	02
38	Bhudhara Yantra etc.	02

39	Distillation Apparatus & Arka Yantra	08
40	Enamel Trays	Available
41	Spirit Lamp	Available
42	Microscope	30
43	Earthen Vessels-Pots	Available
44	Kupipakva Bhatti	02
45	Almiras & Racks for storage	Available
Total :		279

PHYSIOLOGY (KRIYA SHARIR) LABORATORY

S.No	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	Microscopes with oil immersion	50
2	Westergren's pipette for ESR	150
3	Haematocrit Tube	125
4	Sahli's Haemoglobinometer	123
5	Haemocytometer	110
6	Sphygmomanometer	60
7	Stethoscope	125
8	Clinical Thermometer	125
9	Knee Hammer	120
10	Tuning forks	120
11	Electrocardiograph	03
12	Stop watches	125
13	Water Distillation still	05
14	Balances	07
15	Cover slips, glassware, Microslides	Available
16	Centrifuge with speed control	08
17	Colorimeter (Photoelectric)	08
18	pH Meter (Electric)	05
19	pH Comparator with disc in a batch	01
20	Refrigerator	01
21	Newton's colour wheel in a batch	01
22	Spirometer	01
23	Tonometer	01
24	Hydrometer	01
25	Viscometer	01
26	Osmometer	01
27	Sterilizer	07
Total :		1284

PHARMACOGNOSY LABORATORY [DRAVYAGUNA]

S.No	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	Field magnifier	03
2	Compound microscope	04
3	Dissecting Microscope	03
4	Microscope	26
5	Slides box with cover slips,	Available
6	Blotting/filter papers	Available
7	Electronic balance	03
8	Dissection Box	Available
9	Enamel Trays	Available

Total : 39

Reagents

S.No	Reagents/Liquids/Others	Availability
1	Chloroform	Available
2	Alcohol.	Available
3	HCL	Available
4	Sulphuric acid	Available
5	Sodium, potassium hydroxide	Available
6	Benedict solution	Available
7	Sodium nitrate	Available
8	Potassium nitrate	Available
9	Citric acid	Available
10	Iodine	Available
11	Ethyl Alcohol	Available
12	Potassium Iodide	Available
13	Xylol/pure xylene (slide preparation)	Available

ROG-VIGYAN (PATHOLOGY LABORATORY)

S.No	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	Binocular microscope	27
2	X-ray view box	04
3	Sterile disposable lancer/needle	Available
4	Sahli's Square tube	52
5	Hb pipette	70
6	Dropper	100
7	Glass rod	Available
8	WBC Pipette	70
9	Improved Neubauer chamber	70
10	Cover slip	Available
11	Red cell pipette	65
12	Cleaned slides	Available
13	Incubator	03
14	Wintrobe's tube	80
15	Pasteur's pipette	72
16	Centrifuge Graduatee machine	03
17	Westregrens pipette	66
18	Rubber teat	Available
19	Westergrens's stand	75
20	Litmus paper	Available
21	pH indicator paper strips	Available
22	Urinometer	55
23	Multi stix	Available
24	Bunsen burner	79
25	Test tube	Available
26	Test tube holder	Available
27	Filter paper	Available

28	Steel almirah	Available
29	Steel rack	Available
30	Glass Jars with lid of different sizes	Available
31	Glass view rack	Available
32	Magnifying lens	Available
33	Autoclave	03
34	Water bath	Available
35	Separating funnels of various sizes	Available
36	Stop watch	62
37	Ultraviolet lamp	03
38	Monocular microscope with oil emersion lens20(e)	32
39	Capillary Tubes	Available
40	Hot air oven	02
41	Microscope with oil immersion	30
42	Refrigerators	02
43	Sterile vessels/bottle to collect samples	Available
44	BP Apparatus	64
45	Stethoscope	70
46	Thermometer	60
47	Tongue depressor	72
48	Torch	Available
49	Knee hammer	Available
50	Measuring Tape	Available
51	ENT examination set	Available
52	Reflectors(Mirrors)	Available
53	Weighing machine	03
54	Tuning Forks	Available
55	Nasal speculum	Available
56	Laryngoscope	Available
57	Catheters	Available

58	Probes	Available
59	Disposable Gloves	Available
60	Physical balance	04
61	Syringe needle destroyer	Available
62	HBs Ag kit	Available
63	HIV kit - Tridot (method by T Mitra)	Available
64	CT and BT kit	Available
65	Cell counter (haemoautoanalyser)	01
66	Renal profile, LET kit, Lipid profile, Blood Sugar kit	Available

Total :

1299

Instruments and Equipments for OPD

Kayachikitsa		
S.No.	Equipments, Instruments, Furniture	*Count/Availability of Instruments/Equipments
1	X-Ray View Box	02
2	BP Apparatus	02
3	Stethoscope.	04
4	Examination Table.	02
5	Thermometer	06
6	Tongue depressor	10
7	Torch.	02
8	Gloves	Available
9	Measuring tape	02
10	Weight and height measuring stand	02
11	Knee Hammer	03
12	Washbasin	Available
Shalya Tantra		
S.No.	Equipments, Instruments, Furniture	*Count/Availability of Instruments/Equipments
1	Hand washing facility	Available
2	Drainage facility	Available
3	Minor OT	Available
4	Instruments for anorectal examination	04
5	Examination Table.	02
6	BP Apparatus	02
7	Thermometer	10
8	Surgical Blades	Available
9	Cotton balls	Available
10	Gauze pieces	Available
11	X-Ray Viewing Box	02
12	Stethoscope.	04
13	Cheetle's forceps	Available
14	Torch..	Available
Shalaky Tantra		
S.No.	Equipments, Instruments, Furniture	*Count/Availability of Instruments/Equipments
1	Tuning forks	Available
2	Ophthalmoscope/ fundoscope	02
3	Auroscope	02
4	Examination Table.	02
5	X-Ray Viewing Box	02
6	BP Apparatus	02
7	Stethoscope.	04

8	Thermometer	05
9	ENT kit	Available
10	Torch.	03
11	Bull's lamp	02

Prasuti Tantra & Stri Roga

S.No.	Equipments, Instruments, Furniture	*Count/Availability of Instruments/Equipments
1	Weighing machine	02
2	Sim's speculum	05
3	Thermometer	05
4	Cusco's speculum	05
5	Examination Table.	02
6	Lamp stand	02
7	Torch.	03
8	X-Ray Viewing Box	02
9	BP Apparatus	02
10	Stethoscope.	04
11	Measuring tape	03
12	Washbasin	Available

Bal Roga

S.No.	Equipments, Instruments, Furniture	*Count/Availability of Instruments/Equipments
1	Scale	05
2	Weighing machine	02
3	Torch.	03
4	View Box	02
5	Thermometer	10
6	BP Apparatus	02
7	Stethoscope	Available
8	Examination table	Available

Panchkarma

S.No.	Equipments, Instruments, Furniture	*Count/Availability of Instruments/Equipments
1	X-Ray View Box	02
2	BP Apparatus	02
3	Stethoscope.	04
4	Examination Table.	02
5	Thermometer	04
6	Tongue depressor	06
7	Cotton balls	Available
8	Torch.	02
9	Measuring tape	02
10	Weight and height measuring stand	02
11	Knee Hammer	02

12	Washbasin	Available
Yoga Section (Swas-tha Rakhshan)		
S.No.	Reagents/Liquids/Others	*Availability
1	Facilities available (Equipment, Instrument, Furniture etc)	Available
Casualty		
S.No.	Reagents/Liquids/Others	*Availability
1	Facilities available (Equipment, Instrument, Furniture etc)	Available
Total :		170

Instruments and Equipments for LABOUR ROOM

S.No.	Equipments, Instruments, Furniture	*Count/Availability of Instruments/Equipments
1	Shadowless Lamp	02
2	Suction Machine (Neonatal)	02
3	Oxygen Cylinder and Mask	01
4	Foetal Toco Cardiograph	01
5	Radiant Warmer	02
6	Phototherapy Unit	02
7	Weighing Machine (Paediatric)	01
8	Patient trolley	03
9	Anaesthesia trolley	01
10	Infantometer	01
11	Vacuum extractor	01
12	Foetal Doppler	01
13	Low cavity forceps	03
14	Steriliser	02
15	Macintosh rubber sheet	Available
16	Catguts and Thread	Available
17	Speculum - Sim's	05
18	Instruments for labour and Episiotomy (Scissors, forceps, needle, holder etc.)	Available
19	Baby tray	04
20	Draw Sheets	03
21	Plastic Aprons	25
22	HIV kit for emergency patients	Available
23	Plain and Hole towels	Available
24	Gloves	Available
25	Nebuliser	05
26	Foetoscope	06
27	Autoclave	02
28	Drums	Available
29	Instrumental Trolley	Available
30	OT tables with head up and head low facility	03

31	Double dome Shadowless lamp	02
32	Pulse Oxymeter	02
33	Oxygen Cylinder	03
34	Resuscitation kit	01
35	Boyle's apparatus	05
36	Electrocautery	01
37	MTP Suction Machine	01
38	Anaesthesia Kit	01
39	Blunt and Sharp Curettes	12
40	Dilators set (Hegar's, Hawkins)	06
41	Sim's Speculum	06
42	Anterior Vaginal Wall retractor	07
43	Cysco's Speculum	07
44	Uterine sound	08
45	Volsellum	07
46	MTP Suction Curette	07
47	Needles	Available
48	Needle holders	Available
49	Sponge holding forcep's	07
50	Towel Clips	Available
51	Retractors abdominal (Doyle's etc.)	16
52	Green armytage forceps	06
53	Uterus holding forceps	07
54	Kocher's forceps	07
55	Artery forceps (Long, short, Mosquito)	12
56	Scissors- different sizes	10
57	Forceps obstetrics	07
58	Tongue depressor	05
59	Endotracheal tubes	10
60	B.P. apparatus	04
61	HSG Cannula	10
62	Cord Cutting appliances	07
63	I.U.C.D. removing hook	07
64	Bladder Sound	05
Total :		272

Instruments and Equipments for Operation Theatre

Shalya		
S.No.	Essential Equipments and Instruments	*Count/Availability of Instruments/Equipments
1	Spot light (Shadowless ceiling fitted)	02
2	Needle holding Forceps (big- medium-small)	Available
3	Dressing drums of Assorted size	Available
4	Drum stand	Available
5	IV Stand	04
6	X-ray View Box (double)	02
7	Surgeon's gown	24
8	Mask and caps	50
9	Gauze, cotton and bandage	100
10	Gloves of different size	100
11	Cheetles Forceps	08
12	Towel Clips	12
13	Mosquito forceps	12
14	Scissors straight (Tailor)	04
15	Scissors curved of different sizes	40
16	Stich removal scissors	35
17	Dissection forceps	06
18	Sinus Forceps	07
19	Probes - Assorted size	30
20	Pointed scissors	05
21	Gastric and Intestinal clamps (occlusive and crushing)	06
22	Abdominal Retractors	06
23	Tissue Forceps	07
24	Bob Kock's Forceps	06
25	Kocher's Forceps	06
26	Urethral Dilators	30
27	Rubber catheters of Assorted size	Available
28	Metal Catheters	40
29	Corrugatedrubber drain	Available
30	Suturing Needle (straight/curved) of Assorted size	Available

31	Surgical Thread	Available
32	Sponge holding forceps	06
33	Right Angle cholecystectomy Forceps	05
34	Stone holding forceps	06
35	Allies Forceps small	12
36	Allies Forceps Big	06
37	Artery Forceps small	12
38	Artery Forceps big	12
39	Artery Forceps Medium	12
40	Sigmoidoscope Rigid/flexible	01
41	Barron Pile's Gun	03
42	Laryngoscope Pediatric/Adult	02
43	Boyles Apparatus	01
44	Multiparameter Monitor	01
45	Ambu Bag	02
46	Suction machine Electrical or Manual	02
47	Emergency power back up facility	Available
48	Emergency light	05
49	Fire Extinguisher	03
50	Skin grafting knife with handle	Available
51	Surgical blades of different size	Available
52	BP Handle of different size	Available
53	Vertical BP Instrument	02
54	Self-Retaining Retractor	Available
55	Bone Drill Machine	01
56	Bone cutter	04
57	Giggly Saw	02
58	Scoop	Available
59	Periosteum elevator	04
60	Maggler Forceps	Available
61	High Pressure Autoclave	01
62	Fumigator	01
63	Refrigerator	01
64	Nitrous Oxide Cylinder	03
65	Hydraulic Operation Table	02

66	Shadow less lamp ceiling	02
67	Boyle's Apparatus	01
68	Instrument Trolley	Available
69	Endotracheal Tube	Available
70	Proctoscope with or without illumination	06
71	Revolving Stool	Available
72	Gabrial Syringe	04
73	Strecher with trolley	02
74	Needle holder	Available
75	BP Apparatus	Available
76	Suction Machine	Available

Total : **669**

Shalakya: Ophthalmic Equipment or Instruments for Operative Surgery

S.No.	Essential Equipments and Instruments	*Count/Availability of Instruments/Equipments
1	Ophthalmic Operation table with Head rest	01
2	Sterilizing box/case with matts	Available
3	Lens insertion Forceps	Available
4	Keratome	Available
5	Desmarres lid retractors	Available
6	Cat-paw lacrimal retractor	Available
7	Mueller lacrimal sac retractor	Available
8	Dastoor iris retractor	Available
9	MeyrhoefChalazioncurrete	Available
10	Sinsky lens manipulating hook	Available
11	IOL Manipulator	Available
12	Foreign body spud	Available
13	Lewis lens loop (vectis)	Available
14	Cystotome and spoon	Available
15	Mule Evisceration spoon	Available
16	Iris repository (double-ended)	Available
17	Jameson muscle hook	Available
18	Wills cautery with copper ball-point	Available
19	Langs lacrimal sac dissector	Available
20	Kelly Glaucoma punch	Available

21	Elevator (double ended)	Available
22	Nasal speculum adult/child	Available
23	Wilder punctum Dilator	Available
24	Bowman lacrimal probes	Available
25	Towel clamp	Available
26	Hartman mosquito forceps	Available
27	Colibri forceps 1*2 teech	Available
28	Mc. person corneal forceps with tying platform	Available
29	Dressing forceps, serrated	Available
30	Moorfieldconjunctival forceps	Available
31	Fixation forceps	Available
32	Beer cilea (epilation) forceps	Available
33	Arruga capsular forceps	Available
34	SnellenEntropion clamp	Available
35	Chalazion clamps	Available
36	Vannas straight scissors	Available
37	Barraquer needle holder	Available
38	Air injection cannula	Available
39	Healon aspirating cannula	Available
40	AC was cannula	Available
41	Lacrimal cannula	Available
42	Hydrodialysis cannula	Available
43	J-loop cannula (Right/Left With silicon tubing)	Available
44	Simcok direct I/A cannula with silicon tubing	Available
45	Irrigating aspirating handle	Available
46	Lens dialer	Available
47	Superior Rectus forceps	Available
48	Eye wash glasses (for Tarpana Karma)	Available
49	Swimming Goggles (for Tarpana Karma)	Available

Total : 1

Shalakya-ENT-Surgical or Operative Procedural Instruments

S.No.	Essential Equipments and Instruments	*Count/Availability of Instruments/Equipments
1	Aural Syringe	Available
2	Jobson's Aural Probe	Available

3	Eustachian Catheter	Available
4	Mastoid Retractor	Available
5	Mastoid Gouge	Available
6	Mallet	Available
7	Nasal Foreign Body hook	Available
8	Nasal packing forceps	Available
9	Nasal Snare	Available
10	Bayonet Shaped gouge	Available
11	Walshman's forceps	Available
12	Laryngeal forceps	Available
13	Tongue plate with throat suction	Available
14	Tonsil holding forceps	Available
15	Tonsillar suction	Available
16	Adenoid curette with cage	Available
17	Peritonsillarabcess draining forceps	Available
18	Fuller's Tracheostomy Tube	Available
19	Cheatel's Forceps	Available

Others

S.No.	Reagents/Liquids/Others	* Availability
1	Other consumable articles like gloves, syringes, bandages, sutras, etc.	Available