

Criterion 4 - Infrastructure and Learning Resources

4.2 Clinical, Equipment and Laboratory Learning Resources

4.2.1 Teaching Hospital, equipment, clinical teaching-learning, and laboratory facilities are as stipulated by the respective Regulatory Bodies

Response:

CLINICAL TEACHING AND LEARNING:

Each of these departments manages an out-patient ward where students can examine/perform therapeutic procedures, seminar hall for teaching/ presentations, laboratory for pre-clinical exercises / biochemical investigations and a research facility with equipment to perform basic medical/dental and clinical projects. The clinical/laboratory/academic space is allocated based on the DCI regulations. All our departments have the necessary clinical/laboratory materials as stipulated by the DCI. The basic clinical requirement is the flow of patients to the Dental OPD in particular, and Medical OPD for learning the basic medicine. The number of patients visiting our hospital is more than sufficient for our students to thoroughly learn all the basic and certain advanced clinical dental procedures. The basic clinical equipment's and materials that are required, are governed by the regulations of the DCI. ARDCH possesses several pre-clinical laboratories where our students can learn the basic clinical dental exercises on models before performing the same on patients. Mannequins for IV & IM injection technique. Laboratory space to learn basic dental exercises like cement mixing, impression making, duplicating impression models etc. Advanced Dental equipment's ARDCH also possesses the following numerous specialized dental therapeutic procedures.

Laboratory Facilities:

1. Basic Clinical Equipment's:

The basic clinical equipment's / materials that are required, are governed by the regulations of the DCI. These include:

1. Dental Chairs
2. Operating Theaters
3. Ultrasonic Scalers
4. Airtor Handpieces
5. Restorative Cements of different types
6. Impression Materials
7. X-rays:

Regular dental X-ray units, Digital X-ray units

1. OPG unit for full mouth imaging
2. Lateral cephalogram for orthodontics imaging
3. Autoclaves for sterilization of instruments
4. Fumigation equipment for sterilization of the minor operating theatre
5. Instruments for performing tooth extractions, surgical tooth removal, minor oral surgical procedures.
6. Pre-clinical laboratory


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ARDCH possesses several pre-clinical laboratories where our students can learn the basic clinical dental exercises on models before performing the same on patients. The following are available in the labs.

- Mannequins for BLS
- Mannequins for IV & IM injection technique
- Dental Models to perform cavity preparations, tooth preparations.
- Dental handpieces
- Laboratory space to learn basic dental exercises like cement mixing, impression making, duplicating impression models etc.
- Tooth Morphology lab with workstations, demonstration models, white/black boards and charts
- Patient education room for teaching the patients proper oral hygiene measures with required models for demonstration.
- Clinical laboratory spaces


Our institution also houses a laboratory where fabrication of dentures/artificial teeth/histological analysis is performed. The equipment's present include Induction casting machines, Burnout furnaces, Micromotors, Metal grinders, Sandblasters, Duplicator equipment, Vacuum investors, Ceramic finishing kits, Metal finishing kits, Microtome, Tissue Processing unit.

1. Advanced Dental Equipment's

ARDCH also possesses the following numerous specialized dental instruments to perform advanced dental therapeutic procedures.

1. Endosonic Handpieces
2. Dental LASER
3. Piezo for surgeries
4. Loupes for microsurgery
5. Fiberoptic intubation scope
6. Implant physio dispenser with surgical kits of different systems
7. Faced software for ortho treatment planning.
8. Specialized operating dental microscopes.
9. Micro surgical instruments
10. Bleaching and micro abrasion equipment's
11. Injectable thermoplasticized gutta percha
12. Stereo microscope
13. 10W laser unit

All the equipment's stated above are adequate to cater to the academic and clinical requirements of the students and as per the norms prescribed by DCI.


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Infrastructure	Availability
Administrative block	3000 sq. ft.
Library	8750 sq. ft.
Lecture Halls – 4	6400 sq. ft.
Central Stores	800 sq. ft.
Maintenance room	1000 sq. ft.
Photography and artist room	400 sq. ft.
Medical Stores cum Pharmacy	300 sq. ft.
Faculty Rooms – Dental Faculty	2200 sq. ft.
Faculty Rooms – Medical Basic Science	1550 sq. ft.
Amenities Area to include boys and girl's locker room, boys and girls common rooms, Common room for non-teaching staff, common room for teaching staff, change room for men, change room for women.	3200 sq. ft.
Room for Gas Cylinder (ventilated)	200 sq. ft.
Compressor and Room for Gas Plant	350 sq. ft.
Cafeteria	1550 sq. ft.
Examination hall	3600 sq. ft.
Auditorium (To accommodate at least 500 people)	5000 sq. ft. (approx..)
Clinical Area (for different specialty departments)	25000 sq. ft. (200 Dental Chairs X 125 sq. Ft./per chair)
Wards Male and Female to accommodate 20 Beds, Central Store, Departmental Store, Major and Minor O.T. etc.	Remaining Area (7500 sq. ft.)

Sfzable

Pre-clinical Prosthodontics and dental material lab	3050 sq. ft.
Pre-clinical conservative lab	2600 sq. ft.
Laboratories for Orthodontics and Pedodontics	1500 sq. ft.
Anatomy dissection hall with storage for cadavers, osteology, demonstration room etc.	2500 sq. ft.
One laboratory for physiology with stores and preparation rooms.	2500 sq. ft.
Laboratory for biochemistry and Pharmacology	2500 sq. ft.
Prosthodontics Cast Partial and Ceramic	3050 sq. ft.
Conservative Clinical Lab	2600 sq. ft.
Histopathology Lab for Oral Pathology	2500 sq. ft.
Laboratories for Orthodontics and Pedodontics	1600 sq. ft.
Haematology and Clinical Biochemistry	300 sq. ft.
AREB certified Radiographic Room along with Dark Room	1200 sq. ft.


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PROSTHODONTICS AND CROWN & BRIDGE

NAME	AVAILABLE
Semi adjustable articulator / face bow	7/3
Extra oral/intra oral tracer	2
Dewaxing unit	2
Curing unit	2
Dental casting machine	1
Wax burnout furnace	1
Pre heating furnace	1
Surveying unit	2
Heavy duty hand piece Lab micromotors	3
Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2
Needle burner with syringe cutter	2
LAB	
Plaster Dispenser	2
Model Trimmer with Carborandum Disc	1
Model Trimmer with Diamond Disc	2
Acrylizer	3
Lathe	2
Flask press	4
Deflasking unit	4
Dewaxing unit	3
Hydraulic Press	3
Mechanical Press	2
Vacuum mixing machine	1
Curing pressure pot	1
Hot water sterilizer	2
Geyser	2
Phantom heads	38
Pre-clinical working tables	72


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CERAMIC AND CAST PARTIAL LABORATORY

NAME	AVAILABLE
Plaster Dispenser	2
One each for plaster and stone plaster	
Duplicator	1
Pindex System	1
Circular saw	1
Burn out furnace	1
Sandblasting machine	1
With two containers	
Electro-polisher	1
Model Trimmer with Carborandum disc	1
Model Trimmer with Diamond disc	1
Induction casting machine	1
Programmable porcelain furnace with vacuum pump with instrument kit and material kit	1
Spot welder with soldering, attachment of cable	1
Vacuum mixing machine	1
Steam Cleaner	1
Spindle Grinder 24,000 RPM with vacuum suction	1
Wax heater	1
Wax carver	1
Curing pressure pot	1
Milling machine	1
Heavy duty lathe with suction	1
Preheating furnace	1
Palatal trimmer	1
Ultrasonic cleaner	1
5 liters capacity	
Composite curing unit	1
Micro surveyor	1
PRE-CLINICAL PROSTHETICS LABORATORY	
Work table preferably complete stainless steel fitted with light, Bunsen burner, air blower, working stool.	60
Adequate number of lab micro motor with attached hand piece	10
PLASTER ROOM FOR PRE-CLINICAL WORK	
Plaster dispenser	2
One each for plaster and stone plaster	
Vibrator	2
Lathe	2
Model Trimmer	1
Carborandum Disc	1
Diamond disc	1

Space

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DEPARTMENT: CONSERVATIVE DENTISTRY AND ENDODONTICS

Dental chair & units	
I. Manual	17
Electrical	24
Phantom head units	60
Phantom head simulator unit with operative stools	02
Micromotor control boxes	60
Micromotor handpiece cord	28
Contra angle micromotor hand piece	20
Contra angle airtar hand piece	14
Anthogyr hand piece	05
Gear reduction hand piece	02
Kavo torque control handpiece	01
Lab micromotor hand piece	01
Control boxes for micromotor hand piece	16
Rotary endomotor x smart hand piece	02
Rotary rispisonic hand piece	02
Conventional autoclave	01
Front loading autoclave	04
Glass bead sterilizer	06
Formalin chamber sterilizer	01
Hand piece sterilizer	02
Sterilizer trays	
I. Conventional peroforated trays	03
Sterilization cassette	04
Needle destroyer	02
Runey's x ray unit	01
Rvg	01
Opg viewer	01
Pulp tester	02
Rubber dam kit	06
Ligajet pressurized local anaesthesia	02
Apex locator	
I. Formatron	01
II. Root zx	01
III. Medic nrg	01
Woodpecker	01
Amalgamators	02
Light cure units	
I. Conventional	01
Variable intensity	03
Rotary files systems	
I. Profiles	02
II. Rotary protaper files	02
III. Hand protaper files	01
IV. Rispisonic files	02

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V. Shaper sonic files	02
Heroshaper files	01
Gates glidden drills	03
Paeso raemers	03
Lentulospirals	01
Retreatment files (r endo)	01
Thermoplasticized guttapercha with solid core thermafill	01
Befill apical fill obturation system	01
Dejoy pen and gun	01
Woodpecker pen and gun	01
Plaster dispensers	04
Model trimmers	01
Vaccum mixer and vibrator	01
Amalgamators	02
Matrix band and retainer sytem	
I. Palodent system	01
II. Sectional contact matrix band system	01
III. Metal contoured matrices	02
IV. Ivory no 1	02
V. Ivory no 8	04
VI. Toffelmire	01
Bioclear	01
Light transmitting wedges	01
Bleaching light	01
Pkt kit	02
Cord packer and retraction cord	01
Amalgam polishing kit	02
Ceramic finihing kit	02
Gold polishing kit	01
Crown remover system	
I. Conventional	02
Pneumatic	01
Hu friedy intrument set with cassette	O2 set
Fissurotomy smart burs	
I. Ref 18013	01
II. Ref 18014	01
Ref 18016	01
Inlay preparation kit	01
Masseren kit	01
Veneer preparation kit	01
Tooth preparation kit	01
Dentatus metal post system	01
Super splint	01
Surgical microscope	01
microscope Seiler IQ, evolution XR6 model 23 may 2012 from united agencies Mumbai	

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Bulb halogen Philips Germany 12Volts 100Watts 6834 G	
Magnifying loupes	02
Surgical instrument kit	01
Microsurgical instrument kit	01
Agar duplicating machine	01
Spindle grinder	01
Sand blaster	02
Preheating furnace	02
Polishing lathe	01
Wax work station	01
Ceramic work station	01
Pickling kit	02
Saw	01
Burnout wax furnace	02
Induction casting machine	01
Head torch	01
Peizo torch	01
Magnifying lens with light	01
Ceramic furnace- EP 3000 programate ivovclare	01
Imported moulds for preparation of models	02 sets
Acrylic models of teeth	04
Steel trays	14
hand instrument set	04
Impression tray sets	05
Enamel trays	02
Surgical trays	04
Kidney trays	17
Blow torch	02
Cotton holders	07
Mouth mirrors	30
Probes	25
Tweezer	15
Explorers	14
Condensors	14
Ball burnishers	20
Cement spatula	15
Agate spatula	01
Cement carrier	15
Spoon excavators	15
Scissors	06
Amalgam carrier	02
Diamond carvers	25
Parallelogram condensers	09
Hollenback carvers	21
T burnishers	01
Chisel	03

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Hoe	04
Gmt	05
Metal scale	01
Glas slab	08
Endo box	12
Sterilization pouches with pouch sealer	01
Lab incubator	1
Micro centrifuge (Remi Model RM 12C)	1
Angle head rotor for centrifuge	1
Precision laboratory weighing balance (ACZET Model CY 123)	1
Motorless magnetic stirrer	1
Visible spectrophotometer	1
PC link software with attachments compatible with VS spectrophotmetre Model 168	1
Laboratory specimen carrier	1
Lab incubator	1

ORAL PATHOLOGY AND ORAL MICROBIOLOGY

Research microscope with Dark field, Phase contrast and Polarizing attachments	1
Semi-automatic Rotary Microtome	1
Image Analyzer Software	1
Trinocular with attachments for photomicrography	1
Stereomicroscope	1
Microwave oven	1
Immunohistochemistry setup	
Binocular compound microscope	10
Monocular compound microscope	50
Manual Rotary Microtome	1
Wax Bath	1
Water Bath	1
Hot Air Oven	1
Spencer Knife	1
Disposable Blade	1 set
Knife Sharpener	1
Tissue Capsule	28
Distilled Water Plant	1
Diamond Tip Pencil	2
Glass Dropper Bottle	5
Glass Bottle with Lid	5
Wide Mouth Bottles	12

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Glass Funnel	5
Glass Pipette	12
Glass Measuring Jar	5
Petri Dish 4" Glass	5
L Blocks	20
Loop Holder	3
Magnifying Glass	1
Toothed Forceps	5
Plastic Dropper	25
Petri Dish 50mm Glass	5
Gas burner/Spirit Lamp	1
Processing Bottles	9
Slide Warming Table	1
Slide Drying Tray	1
Slide Carrying Tray	5
Staining Basket SS	3
Staining Trough SS	2
Staining Trough Glass	5
Slide Staining Rack SS	2
Slide Box	14
Slides Storage Cabinet	4
Wax Block Storing Cupboard	3
Stopwatch	1
LCD Screen	1
Teaching slides set with box	3 sets
Education models & dental developmental set	4 in number
Color Printer	1
Desktop Computer	1


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DEPARTMENT: ORAL & MAXILLOFACIAL SURGERY

NAME	Available
Dental Chairs and Units	One chair and unit per post-graduate student and Two chairs with unit for the faculty
Autoclave Front loading Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	4
Ultrasonic Cleaner Minimum capacity 13 liters with mesh bucket	2
Fumigators	2
Extraction forceps sets. Complete set	20
Dental elevators Complete set	10
<i>Surgical instruments</i> General surgery kit including tracheotomy kit	2
Minor oral surgery kit	10
Osteotomy kit	1
Cleft surgery kit	1
Bone grafting kit	1
Emergency drug tray	2
Trauma set including bone plating kit	2
Implantology kit,	4
Implantology system	4
Number of implants	20
Distraction osteogenesis kit	1
Peizo surgical unit	1
Magnifying loops	1
Operating microscope and Microsurgery kit	0
Dermatomes	1
Needle destroyer with syringe cutter	8
Formalin chamber	1
X-ray viewers	2
Pulse Oxymeter	2
BP appartus	2
Stethoscope	2
Thermometer	2
Glucometer	1
Oxygen cylinder	2
Oxygen mask adult	2
Oxygen mask Pado	2

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Impaction kit	3
Lab micromotor with handpiece	3
High volume suction	2
Surgical straight hand piece	4
Ventilator	1
10W laser unit	1
Major operation theatre with all facilities	1
Recovery and Intensive Care Unit with all necessary life support equipments	2 beds
Fibrooptic light	1
Inpatient beds	20
Fiber optic laryngoscope	1
Computer with internet connection with attached printer and scanner	1
LCD projector	1
Refrigerator	1

DEPARTMENT: PERIODONTOLOGY

S. No.	NAME	Availability
1.	Dental Chairs and Units	45
2.	Autoclave	2
3.	Airoter hand pieces	1
Section 1.02	W.H.O probe	5
5.	Nabers probe	2
6.	Williams probe	9
7.	UNC-15 probe	5
8.	Gold Man fox probe	1
9.	Pressure sensitive probe	-
10.	Marquis color coded probe	1
11.	Supra gingival scalers	10
12.	Sub gingival scaler	10
1.	Routine surgical instrument kit (Benquis periosteal elevator, periostome)	3
2.	X ray viewer	2
3.	Electro surgery unit	1



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1.	Kirkland's knife	3
2.	Orban's knife	3
	Paquette blade handle	1
	Krane kaplan pocket marker	1
5.	Mc Calls universal curettes	4
6.	Gracey's curettes (No.1-18)	2
7.	Mini five curettes	-
8.	Cumine scalar	1
9.	Mallet	1
10.	Chisel	2
11.	Oschenbein chisel	2
12.	Schluger bone file	1
16.	Micro needle holder	2
17.	Micro scissors	4
18.	Magnifying loop (2.5 – 3.5)	1
27.	Centrifuge for PRP/PRF preparation	1
1.	Composite gun with material kit	1
4.	Digital camera	1
5.	Intra Oral camera	1
6.	Ultrasonic cleaner	2
7.	Emergency kit	1
8.	Refrigerator	1
9.	Audio Visual System	1
10.	Computer with internet connection with attached printer and scanner	1
	<u>Implant Equipment</u>	
12.	Electrical dental chair and unit	1
13.	Physio dispenser	1

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14.	Implant kit	1
15.	Implants	10
18.	X-ray viewer	2
19.	Ultrasonic cleaner capacity 3.5 lts	1
20.	Autoclave	1
22.	Surgical kit	2

DEPARTMENT: ORTHODONTICS

NAME	Available
Unit mount scaler	5
Autoclave	2
Ultrasonic Cleaner Minimum capacity 13 liters with mesh bucket with digital timer	2
ORTHO LAB	
Plaster dispenser One each for plaster and stone plaster	2
Vibrator	2
Model Trimmer	2
Micromotor – heavy duty	4
Lathe	2
X-ray viewers	2
OPG with cephalostat If available in radiology its is adequate.	1
Welders	4
Blue Torch	1
Base Formers	4
Typodont	4
Set of Pliers	10
Welder with soldering attachments	1

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Hydro solder	1
Typhodont articulator	4
With metal teeth wax rim of Class I, II, III	
Pressure moulding machine	1
Soldering torch	1
Spot Welder	1
Dewaxing unit	1
Curing Unit	1
Vacuum Mixer	1
Electro Polisher	1

DEPARTMENT: PAEDIATRIC AND PREVENTIVE DENTISTRY

NAME	Available
Autoclaves	2
Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	
Ultrasonic cleaner	2
Minimum capacity 13 liters with mesh bucket with digital timer	
Needle Burner with syringe cutter	3
Amalgamator	1
Pulp Tester-Digital	1
Rubber dam kit for pedo	5
Apex locator	1
Endo motor	1
With torque control HPs	
Injectable gutta percha with condensation	1
Radiovisiography	1
Digital intra X-ray system with pedo sensor and software	
Intra Oral Camera	1
With high resolution	
Scaling instruments	10
Restorative instruments	10
Extraction forceps	10
Pedo Forceps complete sets	
Intra-oral X-ray	1
RCT Instruments Kits	5
Automatic Developer	1
Plaster dispenser	2
One each for plaster and stone plaster	
Model Trimmer	1
With diamond disc	
Model Trimmer	1
With Carborandum disc	

S. J. Rao
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Welder with soldering attachments	1
Vibrator	2
Lab micro motor	3
Heavy duty with Hps	
Dental Lathe	1
Steam cleaner	1
Pressure moulding machine	1

DEPARTMENT: ORAL MEDICINE AND RADIOLOGY.

NAME	Available
Panoramic X-Ray with Cephalometric Preferably digital AERB Certified	1
Intra Oral X-ray Unit AERB Certified	3
Pulp testers	3
Digital	
Automatic periapical X-ray Developer	1
Automatic Panoramic with Cephalometric X-ray Developer	1
X-ray viewer	2
For Panoramic and Cephalometric films	
Radiovisiography with Intra Oral Camera	1
Digital Intra X-ray System with one Sensor and Software	
General X-ray Unit	1
Automatic Developers/ <i>Dark Room</i> AERB Criteria	1
Lead Aprons	2
Lead Gloves	2
Lead collar	2
X-ray Hangers	6
Diagnostic Kits	40
Mouth mirror, dental probe, college tweezers	
<i>Lead Screen</i>	1
<i>Biopsy Kit</i>	1
Autoclave	2
Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	
Needle Burner with Syringe Cutter	2
CBCT	1(Optional)
AERB Certified, capturing the complete image in less than 30 sec.	
Diagnostic kit	25

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Biopsy Kit	2
Sailography equipment & Kit	1
CO Analyser	1
TENS	1
IFT & Ultrasound unit	1

DEPARTMENT: PUBLIC HEALTH DENTISTRY

NAME	Available
Autoclaves Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	2
Ultrasonic cleaner Minimum capacity 13 liters with mesh bucket with digital timer	2
Needle burner with syringe cutter	4
MOBILE CLINIC	
Mobile dental van Mobile dental van with two dental chairs with all the attachments and adequate sitting space for 15 to 20 people	
Dental chair with unit Hydraulically operated with spittoon attachment, halogen light with 2 intensity, air ventury suction, airrotor, micromotor, 3 way-scaler and light cure, x-ray viewer, instrument tray, operating stool.	
Autoclaves Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	1
Intraoral x-ray Portable	1
Glass bead sterilizers	1
Compressor 1.25HP	1
Metal Cabinet With wash basin	1

S. S. S.

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Portable dental chair Suitcase unit with airrotor, micromotor, scaler and compressor 0.25HP	2
Stabilizer 4KV	1
Generator 4KV	1
Water tank 400ltrs	1
Oxygen cylinder	1
Public address system	1
TV and video cassette player	1
Demonstration models	5

DENTAL ANATOMY, DENTAL HISTOLOGY & ORAL PATHOLOGY LAB

	DEPARTMENT	AVAILABLE
A	DENTAL ANATOMY, DENTAL HISTOLOGY & ORAL PATHOLOGY LAB	
1	Microscope	62
2	Television With USB port For displaying slide	1
3	Teaching slides set with box	3 sets
4	Education models & dental developmental set (Nissan like model)	4

HISTOPATHOLOGY ROOM

	Microtome Manual/automatic	2
	Wax Bath	1
	Water Bath	1
	Knife Sharpener	1
	Spencer Knife	1
	Disposable Blade	1 set
	Hot Air Oven	1
	Organic Tissue Capsule Small	28
	Distilled Water Plant	1
	Diamond Tip Pencil	2
	Glass Dropper Bottle	5

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Glass Bottle With Lid	5
Wide Mouth Bottles	12
Glass Funnel	5
Glass Pipette	12
Glass Measuring Jar	5
Petri Dish 4" Glass	5
L Blocks	20
Loop Holder	3
Magnifying Glass	1
Toothed Forceps	5
Plastic Dropper	25
Petri Dish 50mm Glass	5
Gas burner/Spirit Lamp	1
Processing Bottles	9
Slide Warming Table	1
Slide Drying Tray	1
Slide Carrying Tray	5
Staining Basket SS	3
Staining Trough SS	2
Staining Trough Glass	5
Slide Staining Rack SS	2
Slide Box	14
Slides Storage Cabinet	4
Wax Block Storing Cupboard	3
Stop Watch	1
Microscope -Trinocular	1
Colour Printer	1
Desktop Computer	1

DEPARTMENT OF ANATOMY

DEPARTMENT	AVAILABLE
Dissection table – Stainless-Steel tables with drainage for cadavers dissection LARGE TABLE 71 inches length, 22 inches breadth, 36 inches height SMALL TABLE 35 Inches Length, 22 inches Breadth, 36 inches height	4- Large 4- Small
Educational models	10
Large Storage Tank 1200 lt or 130 sq. feet	1
Small Tank 800 lts	1
Freezer Unit To store two cadavers	1
Dissection Microscopes	5

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Monocular Microscopes	25
Full body skeletal bones	1
Head and neck bones set	3
Complete Human organs specimen set	1

2. DEPARTMENT OF PHYSIOLOGY

	DEPARTMENT	AVAILABLE
1	Microscopes Monocular	50
2.	Stage Incubator	1
3	Westergen's Pipettes For E.S.R. on Stand	5 ESR STAND 10 PIPETTES
4	Winrobes Pipettes	20
5.	Haemo Giobinometer, Sahli's	50
6.	Haemocytometers	50
7.	Sphygmomanometer	30
8.	Stethoscopes	25
9.	Refrigerator	1
10	Stop Watches	25
11	Ph Meter	1
12	Analytical Balance	1
13	Centrifuge R4c & R8c	1
14	Blood Cell Counters	1
15	Haematocrit Tubes	5
16	Glass Wares Glass slide/ pipettes/ capillary tube/test tube/glass Rod	For 50 students
1	Clinical Thermometers	5
2	Knee Hammer	5
3	Spirometer (Ordinary)	3
4	Mosso's Erograph	1
5	Ophthalmoscope	1
6	Dynamometer	1
7	Perimeter	1
8	Hair Aesthesiometer	2
9	Bicycle Ergrometer	1
10	Examination Couches	5
11	Steriliser	1
12	Weighing Machine	3
13	Height Chart	1
14	Snellen's Chart	1

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3. DEPARTMENT OF BIOCHEMISTRY

	DEPARTMENT	AVAILABLE
	Glass Wares Test tube/beaker/ measuring cylinder /glass rod/funnel/Amber bottle/plane bottle	For a batch of 50 students
	Micro pipettes	5
	Water bath	4
	Distillation Apparatus	2
	Fume Cupboard	1
	Balance for weighing chemicals	3
	Fridge for storage of fine chemicals	1
	INSTRUMENT ROOM	
	Colorimeter For quantitative analysis	5
	Microscopes	5
	Electrophoretic Apparatus	2
	Urinometer	20
	Centrifuge for sample separation	1
	Incubator	1
	Hot air oven for sterilization	2

4. DEPT OF PHARMACOLOGY

	DEPARTMENT	AVAILABLE
1	Beakers 50/100/250/500ml	100 Each
2	China Dish	50
3	Conical Flask	5
4	Funnel 50/65/75 mm	25 each
5	Glass Rod Medium/Small	100
6	Measuring Cylinder 5/10/25/50/100ml	60
7	Measuring Cylinder 250ml	5
8	Measuring Cylinder 500ml	2
9	Mortar and Pestle Glass& Porcelain	50 each
10	Pasteur pipette pack of 100	3
11	Pipette 1 ml	100

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12	Pipette 2ml	50
13	Pipette 5 ml	25
14	Reagent bottle with lid – Narrow Mouth Amber(NMA) 125/250/500 ml	100 each
15	Reagent bottle with lid – Narrow Mouth White(NMW)125/250/500ml	100 each 500ml-50
16	Reagent bottle with lid – Wide Mouth Amber(WMA) 250ml	50
17	Reagent bottle with lid – Wide Mouth White(WMW) 125/250/500ml	100 each 500ml-50
18	Test Tubes (Medium)	50
19	Petri dish	10
20	Wash Bottle	75
21	Dropper Bottle	50
1.	Transparent Dispensing Box	50
2.	Dispensing Balance	50
3.	Dispensing Weight box	50
4.	Electronic balance	1
5.	Mechanical pipette	1
6.	Sensitive Balance (Shimadzu)	1
7.	Sphygmomanometer	1
8.	Spirit lamp	7
9.	Test Tube Holders	25
10.	Test Tube Stand	25
11.	Water bath	1
12.	Wax paper bundles	5

5. DEPT OF MICROBIOLOGY

	DEPARTMENT	AVAILABLE
1.	Microscopes monocular Examination of micro-organisms for students	50
2.	Microscope binocular Examination of microorganisms for research purposes	1
3.	Incubator	1
4.	Double Door Refrigerator Maintaining Cultures	1
1.	Autoclave (Small) Sterilisation	1
2.	Electronic Balance	1
3.	Water Bath	1
4.	Anaerobic Jar	1

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5.	Centrifuge	1
6.	Bio Safety Cabinet	1
7.	Hot Air Oven Sterilisation	1
8.	Hot Plate Electrical For Heating	1

6. DEPT OF GENERAL PATHOLOGY

	DEPARTMENT	AVAILABLE
A.	GLASS WARE	
1	Test tubes	Adequate number
2	Glass pipette 1ml,2ml,10ml	25 Each
3	Conical flask	50
4	Coupling Jar	25
5	Wintrobe tubes	20
6	Dropper bottles	25
7	Capillary tubes	2 Pack
8	RBC pipette	60
9	Glass rods	50
10	Micropipettes	50
11	Hemometer pipette	20
B.	INSTRUMENTS	
1	Microscopes	25
2	Incubator	1
3	Centrifuge	1
4	Hemocytometer	20
5	Hemometer	20
6	Water bath	1
7	Electronic weigh scale	10
8	Sprit lamp	5
9	Test tube stand	50
10	ESR stand	25
11	Laboratory thermometer	5
12	Counting chamber	10
13	Sphygnomanometer	1
14	Lancets	1Pack
15	Stethoscope	1
16	Clinical thermometer	1

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