

# Institute of Dental Studies & Technologies

(Under the auspices of Dental & Medical Educational Trust)

"NAAC ACCREDITED"



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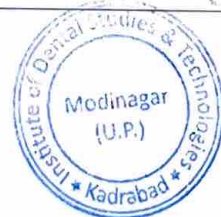
Ref. No. IDST/CJR/132/2024-A

Date 27/05/2024

## Teaching Learning Facilities As Stipulated by The Regulatory Body

(Dental Council Of India)

S.NO	CLINICAL FACILITIES
1.	Oral Medicine and Radiology
2.	Pedodontics and Preventive Dentistry
3.	Orthodontics and Dentofacial Orthopaedics
4.	Periodontics
5.	Prosthodontics, Crown and bridge-UG
6.	Prosthodontics, Crown and bridge-PG
7.	Conservative Dentistry and Endodontics-UG
8.	Conservative Dentistry and Endodontics-PG
9.	Oral and Maxillofacial Surgery
10.	Public Health Dentistry
11.	Oral Pathology and Microbiology
12.	Satellite Centres + Mobile Dental Van
	<b>DEPARTMENTS(MEDICAL)</b>
1.	General Human Anatomy
2.	Human Physiology
3.	Biochemistry
4.	General Pathology
5.	Microbiology
6.	Pharmacology
7.	General Medicine
8.	General Surgery



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## Laboratory facilities as Stipulated by the Regulatory Body

(Dental Council of India)

S.NO	LABORATORY	NUMBER
1.	Cadaver Lab/Dissection Room	1
2.	Histology Lab(Anatomy)	1
3.	Physiology	1
4.	Biochemistry	1
5.	Dental Anatomy and Oral Histology-Oral Pathology Lab	1
6.	Pharmacology	1
7.	Pathology	1
8.	Microbiology	1
9.	Dental Materials/Preclinical Lab	1
10.	Prosthodontics Phantom Lab	1
11.	Acrylic Lab	1
12.	Ceramic Lab	1
13.	Conservative Phantom Lab	1
14.	Orthodontics Preclinical Lab	1
15.	Pedodontics Preclinical Lab	1
16.	Conservative ceramic Lab	1
17.	Orthodontics Lab	1
18.	Research Mom/Lab	1



IX DENTAL DEPARTMENTS:

PROSTHODONTICS AND CROWN & BRIDGE

Name	Specification	Quantity		
		Required	Available	Remarks of Inspector
Dental Chairs and Units	As per Specifications mentioned above	34	34	
Semi Adjustable Articulator	With Face Bow	2	4	
Extra Oral/Intra Oral Tracer		2	4	
Dewaxing Unit		3	3	
Light Cure Unit		2	2	
Dental Casting Machine (Centrifugal)		1	1	
Wax Burnout Furnace		1	1	
Pre Heating Furnace		1	1	
Surveying Unit		2	2	
Heavy Duty Hand Piece	Lab Micromotors	4	4	
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	2	
Needle Burner with Syringe Cutter		2	2	
Plaster Dispenser	(a) for plaster	1	1	
	(b) for stone plaster	1	1	
Model Trimmer with Carborandum Disc		1	1	
Model Trimmer with Diamond Disc		2	2	
Acrylizer		3	3	
Lathe		2	2	
Flask Press		4	4	
Deflasking Unit		4	4	
Hydraulic Press		3	3	
Mechanical Press		2	2	
Vacuum Mixing Machine		1	1	
Lab Micro Motor	With Heavy Duty Handpiece	4	4	
Curing Pressure Pot		1	1	
Porcelain Furnace		2	2	
Vibrator		2	2	
Sand Blasting Unit		2	2	
Ultrasonic Cleaner		2	2	
Hot Water Sterilizer		2	2	
Geyser	Compound Bath	2	2	
H.P. Grinder with Suction		3	3	
Heavy Duty Lathe		2	2	
Phantom Heads		50	50	



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**CERAMIC AND CAST PARTIAL LABORATORY**

NAME	SPECIFICATIONS	Required	Available	Remarks of Inspector
Plaster Dispenser	(a) for plaster	1	1	
	(b) for stone plaster	1	1	
Duplicator		1	1	
Pindex System		1	1	
Circular Saw		1	1	
Burn out Furnace		1	1	
Sandblasting Machine	With Two Containers	1	1	
Electro-Polisher		1	1	
Model Trimmer with Carborandum Disc		1	1	
Model Trimmer with Diamond Disc		1	2	
Induction Casting Machine		1	1	
Programmable Porcelain Furnace with Vacuum pump with Instrument Kit and Material Kit		1	1	
Spot Welder with Soldering, attachment of Cable		1	1	
Vacuum Mixing Machine		1	1	
Steam Cleaner		1	1	
Spindle Grinder 24,000 RPM with Vacuum Suction		1	1	
Wax Heater		1	1	
Wax Carver		1	1	
Curing Pressure Pot		1	1	
Milling machine		1	1	
Heavy Duty Lathe with Suction		1	1	
Preheating Furnace		1	1	
Palatal Trimmer		1	1	
Ultrasonic Cleaner	5 liters capacity	1	1	
Composite Curing Unit		1	1	
Micro Surveyor		1	1	
<b>PRE-CLINICAL PROSTHETICS LABORATORY</b>				
Work Table Preferably complete stainless steel fitted with light, Bunsen Burner, Air Blower, working stool.		60	60	
Adequate number of Lab Micro Motor with attached Hand Piece		50	50	

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PLASTER ROOM FOR PRE-CLINICAL WORK				
Plaster Dispenser	for plaster	1	1	
Plaster Dispenser	for stone plaster	1	1	
Vibrator		2	2	
Lathe		2	2	
Model Trimmer		1	1	
Carborandum Disc		1	1	
Diamond Disc		1	1	

### CONSERVATIVE DENTISTRY AND ENDODONTICS

Name	Specification	Quantity		
		Required	Available	Remarks of Inspector
Dental Chairs and Units	(As per Specifications mentioned above)	34	34	
Rubber Dam Kits		6	6	
Restorative Instruments Kits		10	10	
R.C.T. Instrument kits		10	10	
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	3	3	
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket	2	2	
Needle burner with Syringe Cutter		4	4	
Amalgamator	With Auto proportion, Auto dispenser	3	3	
Pulp Tester-Digital		4	4	
Apex Locator		2	2	
Glass Bead Sterilizers		6	6	
Intra-Oral X-Ray Unit	Proper radiation safety AERB	1	1	
Automatic Developer		1	1	
Radiovisiography	RVG with Computer	1	1	
Endo Motor	With torque control Hps	1	1	
Bleaching Unit		1	1	
Magnification Loops		2	2	
Injectable Gutta Percha		2	3	
PHANTOM LAB UNIT	Phantom Table fitted with Halogen Operating Light Phantom Head body type neck joint for all the movement, TMJ movement. Modular with Air rotor, Micro motor with contra angle Hps, 3-way syringe, jaw with ivorine teeth, preferably soft gingival, dental operator's stool (not to use extracted or cadaver teeth).	60	100	

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Signature of Inspector-2



**CLINICAL LABORATORY**

Plaster Dispenser	for plaster	1	1	
Plaster Dispenser	for stone plaster	1	1	
Model Trimmer	Carborandum disc	1	1	
Model Trimmer	Diamond disc	1	1	
Lathe	Heavy Duty	2	2	
Lab Micromotor	With heavy duty handpiece	3	3	
Ultrasonic Cleaner	Minimum capacity 5 liters	1	1	
Spindle Grinder		1	1	
Vibrator		2	2	
Burnout Furnace		1	1	
Porcelain Furnace		1	1	
Sandblasting Machine		1	1	
Lab Airrotor		1	1	
Pindex System		1	1	
Circular Saw		1	1	
Vacuum Mixer		1	1	
Pneumatic Chisel		1	1	
Casting Machine	Motor cast/induction casting preferred	1	1	
CAD CAM	Desirable	1	1	

**DENTAL ANATOMY, EMBRYOLOGY, ORAL HISTOLOGY AND ORAL PATHOLOGY**

Name	Specification	Quantity		Remarks of Inspector
		Required	Available	
Dental Chairs and Unit	As per Specifications mentioned above	2	2	
Microscopes		40	50	
Microtome		1	1	
Wax Bath		1	1	
Water Bath		1	1	
Knife Sharpner		1	1	
Hot Plate		1	1	
Spencer Knife		1	1	
Television	With USB Port For Displaying Slide	1	1	
Teaching slides set with box	Oral Pathology and Oral Histology including Ground Sections	3 Sets (with minimum of 60 slides in each set)	3	
Education Model		5	5	

**HISTOPATHOLOGY ROOM**

Disposable Blade		2 set	2	
Hot Air Oven		1	1	
Organic Tissue Capsule	Small	1	1	

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Distilled Water Plant		1	1	
Diamond Tip Pencil		2	2	
Glass Dropper Bottle		5	5	
Glass Bottle With Lid		5	5	
Wide Mouth Bottles		5	5	
Glass Funnel		5	5	
Glass Pipette		5	5	
Glass Measuring Jar		5	5	
Petri Dish 4" Glass		5	5	
L Blocks		3	3	
Loop Holder		3	3	
Magnifying Glass		2	2	
Toothed Forceps		3	3	
Plastic Dropper		3	3	
Petri Dish 50mm Glass		3	3	
Gas burner/Spirit Lamp		2	2	
Processing Bottles		5	5	
Slide Warming Table		2	2	
Slide Drying Tray		2	2	
Slide Carrying Tray		2	2	
Staining Basket SS		2	2	
Staining Trough SS	Stainless steel	2	2	
Staining Trough Glass		2	2	
Slide Staining Rack SS	Stainless steel	2	2	
Slide Box		4	4	
Slides Storage Cabinet		2	2	
Wax Block Storing Cupboard		2	2	
Stop Watch				
<b>ORAL PATHOLOGY REPORTING STATION</b>				
Microscope -Trinocular	With all attachments	1	1	
Colour Printer		1	1	
Desktop Computer	With Minimum basic specification (not below core i3 processor)	1	1	

### ORAL & MAXILLOFACIAL SURGERY

#### A) EXODONTIA

Name	Specification	Quantity		
		Required	Available	Remarks of Inspector
Dental Chairs and Units	As per Specifications mentioned above	30	30	
Autoclaves	Front loading Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	2	
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket	2	2	
Needle Burner with Syringe Cutter		6	8	
Extraction Forceps Sets	Complete Set	20	20	
Dental Elevators	Complete Set	10	10	

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Minor Oral Surgery Kits		6	6	
Emergency Drugs Tray		1	2	
Oxygen Cylinder with Adult and Pediatric Mask		1 each	1 each	
X-Ray Viewers		2	2	
Computer	With Minimum basic specification (not below core i3 processor)	1	2	
Pulse Oxymeter		1	2	
BP Appartus		1	2	
Stethoscope		1	2	
Thermometer		1	2	
Glucometer		1	1	
Impaction Kit		1	3	
Lab Micromotor with Handpiece		1	3	
Trauma Kit		1	1	
High Volume Suction		1	2	
Surgical Straight Hand Piece		1	4	

### B) MINOR SURGERY

Dental Chairs and Units	As per Specifications mentioned above	5	5	
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### PERIODONTOLOGY

Name	Specification	Quantity		Remarks of Inspector
		Required	Available	
Dental Chairs and Units	As per Specifications mentioned above	34	34	
Hand Scaling instrument sets	Supragingival	10	10	
	Subgingival	8	10	
Surgical Instrument Sets		6	6	
Set of Curettes	Set of 14	1	2	
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	3	3	
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket	2	2	
Electro Surgical Cautey		1	1	
Needle Burner with Syringe Cutter		6	6	
LASER	Soft tissue Laser	1	1	
Surgical Motor with Physio Dispenser		1	1	



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**ORTHODONTICS & DENTOFACIAL ORTHOPEDICS**

Name	Specification	Quantity		
		Required	Available	Remarks of Inspector
Dental Chairs and Units	As per Specifications mentioned above	18	18	
Unit Mount Scaler		5	5	
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	2	
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	2	2	
<b>ORTHO LAB</b>				
Plaster Dispenser	(a) for plaster	1	1	
	(b) for stone plaster	1	1	
Vibrator		2	2	
Model Trimmer		2	2	
Micromotor -	heavy duty	4	4	
Lathe		2	2	
X-Ray Viewers		2	2	
OPG with Cephalostat	If available in radiology it's adequate.	1	1	
Blow Torch		1	1	
Base Formers		4	4	
Set of Pliers		10	10	
Soldering Torch		1	1	
Spot Welder		1	1	
Hydro Solder		1	1	
Typodont Articulator	With metal teeth wax rim of Class I, II, III	4	4	
Pressure Molding Machine		1	1	

**PAEDIATRIC AND PREVENTIVE DENTISTRY**

Name	Specification	Quantity		
		Required	Available	Remarks of Inspector
Dental Chairs and Units	As per Specifications mentioned above	20	20	
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	2	2	
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	2	2	
Needle Burner with Syringe Cutter		3	3	
Amalgamator		1	1	

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Pulp Tester-Digital		1	1	
Rubber Dam Kit for Pedo		5	5	
Apex Locator		1	1	
Endo Motor	With Torque Control HPs	1	1	
Injectable Gutta Percha with Condensation		1	1	
Radiovisiography	Digital intra X-Ray system with Pedo Sensor and Software	1	1	
Intra Oral Camera	With High Resolution	1	1	
Scaling Instruments		10	10	
Restorative Instruments		10	10	
Extraction Forceps	Pedo Forceps Complete Sets	10	10	
Intra-Oral X-Ray		1	1	
Automatic Developer		1	1	
Computer	With Minimum basic specification (not below core i3 processor)	1	1	
RCT Instruments Kits		3	5	
<b>PEDO LAB</b>				
Plaster Dispenser	(a) for plaster	1	2	
	(b) for stone plaster	1	1	
Model Trimmer	(a) Diamond Disc	1	1	
	(b) Carborandum Disc	1	1	
Welder with Soldering attachments		1	1	
Vibrator		2	2	
Lab micro Motor	With Heavy duty with Hand Piece	3	3	
Dental Lathe		1	1	
Steam Cleaner		1	1	
Pressure Moulding Machine		1	1	

### ORAL MEDICINE AND RADIOLOGY

Name	Specification	Quantity		Remarks of Inspector
		Required	Available	
Dental Chairs and Units	As per Specifications mentioned above	12	12	
Panoramic X-Ray with Cephalometric (Orthopentmogram)	Preferably digital <b>AERB Certified</b>	1	1	
Intra Oral X-ray Unit	<b>AERB Certified</b> 70 KV , 8mA, High frequency preferably Digital timer	3	3	
Pulp Testers	Digital	3	3	
Automatic Periapical X-Ray Developer		1	1	
Automatic Panoramic with Cephalometric X-ray Developer		1	1	
X-Ray Viewer	For Panoramic and Cephalometric films	2	2	
Radiovisiography	Digital intra X-Ray system with	1	1	

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	one Sensor and Software			
General X-ray Unit		1	1	
Ortho Pantmograph	Preferably Digital	1	1	
Automatic Developers/Dark Room	As per AERB norms	1	1	
Lead Aprons		2	2	
Lead Gloves		1	2	
Lead collar		1	2	
X-ray Hangers		6	6	
X-ray Viewers		2	2	
Diagnostic Kits	Mouth mirror, dental probe, college tweezers	40	40	
Lead Screen		1	1	
Biopsy Kit		1	1	
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	1	2	
Computers	With Minimum basic specification (not below core i3 processor)	1	e 3	
Intra Oral Camera	With High resolution	1	1	
Needle Burner with Syringe Cutter		2	2	
CBCT	Desirable	1	1	

### PUBLIC HEALTH DENTISTRY

Name	Specification	Quantity		
		Required	Available	Remarks of Inspector
Dental Chairs and Units	As per Specifications mentioned above	16	16	
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	2	2	
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	2	2	
Needle Burner with Syringe Cutter		4	4	
<b>MOBILE CLINIC</b>				
Mobile dental van	Mobile Dental Van with two Dental Chairs with all the attachments and adequate sitting space	1	1	
Dental Chair with Unit	As per Specifications mentioned above	2	2	
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	1	1	
Intraoral X-Ray	Portable	1	1	
Glass bead sterilizers		1	1	
Compressor	1.25HP	1	1	
Metal Cabinet	With Wash Basin	1	1	

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Portable Dental Chair	Suitcase unit with Airrotor, Micromotor, Scaler and Compressor 0.25HP	2	2	
Stabilizer	4KV	1	1	
Generator	4KV	1	1	
Water Tank	400ltrs	1	1	
Oxygen Cylinder		1	1	
Public Address System		1	1	
TV and Video Cassette player (pendrive)		1	1	
Demonstration models (minimum)		10	10	

Whether all the above-mentioned equipments are functioning?

: Yes / No

Note. A copy each of the audited balance sheet (By Chartered Accountants) of the Trust/Society is to be furnished.

We hereby declare that all the documents regarding Land / Building / Essentiality Certificate/University Affiliation/Medical College and 100 Bedded General Hospital / Teaching Staff etc have been physically verified by us.

I - R C G I I N 10



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11. EQUIPMENTS :-DEPARTMENT: ORAL MEDICINE & RADIOLOGY

S. No.	NAME	SPECIFICATION	Quantity		Availability
			1 Unit	2 Units	
1.	Dental Chairs and Units	Electrically operated with lamp, spittoon, 3 way syringe, instrument tray and suction	One chair and unit per post-graduate student		11 Ph + 15 UN = 26
					5 with Run 1
2.	Digital X-ray System		1	1	1
3.	Extra oral radiography machine	100 kvp (Not required, If available in the Medical College or 100 Bedded General Hospital in the campus)	1	1	2
4.	Panoramic radiography (OPG) machine with cephalometric and TMJ attachment with Dicom printer	<b>Digital compatibility</b>	1	1	
5.	Intra-oral camera			1	3
6.	Pulp tester		2	4	4
7.	Autoclave		1	1	2
8.	Punch biopsy tool		2	2	4
9.	Biopsy equipment		1	2	5
10.	Surgical trolley		2	2	4
11.	Emergency medicines kit		1	1	1
12.	Lead screens		2	2	3
13.	Lead aprons		2	2	5
14.	Lead gloves		2	2	2
15.	Dark room with safe light facility	<b>Not required, If all X-ray units are digital</b>	1	1	1
16.	Automatic radiographic film processors	<b>Not required, If all X-ray units are digital</b>	2	2	3
17.	Radiographic film storage lead containers	<b>Not required, If all X-ray units are digital</b>	1	1	1
18.	Thyroid collars		1	1	1
19.	Digital sphygmomanometer		1	1	3
20.	Digital blood glucose tester		1	1	2
21.	Digital camera		1	1	1
22.	X-ray viewer boxes		2	3	7
23.	Lacrimal probes		2 sets	2 Sets	2 set
24.	Sialography cannula		2 sets	2 Sets	2 set
25.	Illuminated mouth mirror and probe		2	2	2

(Inspector:1)

(Principal)



(Inspector:2)

26.	Computer with internet connection with attached printer and scanner		1	1	2
27.	Audio visual system		1	1	1
28.	Refrigerator		1	1	1
29.	Laser soft tissue	(Not required, if centralized Laser Clinic is available)	1	1	
30.	Pain clinic equipment-TENS		1	1	1
31.	CBCT		1	1	1

12. **STUDENTS ACADEMIC PRESENTATION** (for all inspections except starting)

Name of the Student: \_\_\_\_\_

Sr. No.	Activity	Requirement	Work done (to be verified by Guide /HOD)	Work done (verified by Council's Inspectors)	Remarks
1.	Journal Club	5 in a year			
2.	Seminars	5 in a year by each student			
3.	Clinical Cases Presentations	2 in a year			
4.	Lecturers taken for Undergraduates	1 in a year			
5.	Scientific Paper/Poster Presentations in State/National Level Conferences	3 papers/posters during three years of training period			
6.	Inter-disciplinary Presentation	2 presentations during three years of training period			
7.	Scientific Publication	One Publication in any scientific journal (As per Category I, II, III of DCI MDS Course Regulation, 2017)			
8.	Submission of synopsis	Synopsis within six months from the date of commencement of the course			
9.	Submission of Library Dissertation	Dissertation within eighteen months from the date of commencement of the course			
10.	Submission of Main Dissertation	Dissertation prior to six months before appearing for the University examination			

(Inspector:1)

(Principal)



(Inspector:2)

11. EQUIPMENTS :-DEPARTMENT: CONSERVATIVE DENTISTRY AND ENDODONTICS

S.No.	NAME	SPECIFICATION	Quantity		Availability
			1 Unit	2 Units	
1.	Dental Chairs and Units	Electrically operated with lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor, airtor attachment	One chair & unit per post-graduate student		
			1 Unit	2 Units	
2.	Micro endosonic Tips, retro treatment		1	2	3
3.	Endomotor		2	4	6
4.	Rubber dam kit	One per Student			1 per chair
5.	Autoclaves		1	1	3
6.	Apex locators		2	4	4
7.	Pulp tester		2	4	4
8.	Equipments for injectable thermoplasticized gutta percha		1	1	2
9.	Operating microscopes		1	2	1
10.	Surgical endo kits (Microsurgery)		2	2	2
11.	Set of hand instruments (specifications required)		1	2	2
12.	Ultrasonic cleaner capacity 3.5 lts			1	1
13.	Variable Intensity polymerization equipments - VLC units		1	1	1
14.	Conventional VLC units		2	4	4
15.	Magnifying loupes	one per student			2
16.	Audio Visual System		1	1	1
17.	Composite kits with different shades and polishing kits		2	4	4
18.	Ceramic finishing kits, metal finishing kits	(In centralized ceramic lab)	2	3	3
19.	Digital X-ray system		1	1	1
20.	Bleaching unit (with light)		1	1	1
21.	Instrument retrieval kits		1	1	1
22.	Computer with internet connection with attached printer and scanner		1	1	1
23.	Refrigerator		1	1	1
24.	Equipments for ceramics including induction casting machines/ burnout furnaces	(In centralized ceramic lab)	1	1	1
25.	Lab micro motor/sand blasters/ polishing lathes/ duplicator equipment/ vacuum investment equipments	(In centralized ceramic lab)	1	1	1
26.	Laser (preferably hard tissue)		1	1	1
27.	Composite curing Unit		1	1	1

(Inspector:1)

(Principal)



(Inspector:2)

11. EQUIPMENTS :-DEPARTMENT: ORAL & MAXILLOFACIAL SURGERY

S.No.	NAME	SPECIFICATION	Quantity		Availability
1.	Dental Chairs and Units	Electrically operated with lamp, spittoon, 3 way syringe, instrument tray and high Motorized suction, with micromotor and air rotor attachment	6	12	8
2.	Autoclave (If CSSD available 1 per Department sufficient)		1	2	3
3.	Fumigators		1	1	1
4.	Oscillating saw	With all hand pieces	1	1	1
5.	<b>Surgical instruments</b> General surgery kit including tracheotomy kit		2	2	2
	Minor oral surgery kit		5	10	5
	Osteotomy kit		1	1	1
	Cleft surgery kit		1	1	1
	Bone grafting kit		1	1	1
	Emergency kit			1	1
	Trauma set including bone plating kit			2	2
	Implantology kit,		1	1	1
	Implantology system (if common implantology Dept. available not required)		2	2	2
	Number of implants (if common implantology Dept. available not required)		10	10	10
6.	Distraction osteogenesis kit		1	1	1
7.	Peizo surgical unit		1	1	1
8.	Magnifying loops		1	1	1
9.	Operating microscope and Microsurgery kit	desirable	1	1	1
10.	Dermatomes		1	1	1
12.	Ultrasonic Cleaner capacity 3.5 lts		1	1	2
14.	Pulse oxymeter		1	1	1
15.	Fibrooptic light		1	1	1
17.	Major operation theatre with all facilities	In Medical College/ 100 Bedded General Hospital	1	1	2
18.	Recovery and Intensive Care Unit with all necessary life support equipments with Ventilator	In Medical College/ 100 Bedded General Hospital	2 beds	2 beds	6
19.	Inpatient beds	In Medical College/ 100 Bedded General Hospital	20	20	20
20.	Fiber optic laryngoscope	In Medical College/ 100 Bedded General Hospital	1	1	1
21.	Computer with internet connection with attached printer		1	1	5
22.	Audio Visual System		1	1	1
23.	Refrigerator		1	1	1
24.	B.P. Apparatus		1	2	3

\* The number of equipments shown in this proforma represents the MINIMUM requirement for Implant clinic shared by the 3 departments viz. Oral & Maxillofacial Surgery and Periodontology and Prosthodontics and Crown & Bridge

(Inspector:1)

(Principal)



(Inspector:2)



11. EQUIPMENTS :-DEPARTMENT: PEDIATRIC AND PREVENTIVE DENTISTRY

S. No.	NAME	SPECIFICATION	Quantity		Availability
			1 Unit	2 Units	
1.	Dental Chairs and Units	Electrically operated with lamp, spittoon, 3 way syringe, and motorised suction, micromotor attachment with contra angle handpiece connection, airtor attachment, dental operator stool (25% dental chairs shall be pedo chairs)			
			<b>1 Unit</b>	<b>2 Units</b>	
2.	Pedo extraction forceps & elevators sets		3	4	3
3.	Autoclaves		1	1	1
4.	Digital X-ray system	with Pedo sensor (0 and 1)	1	1	1
5.	Pulp tester		1	1	2
6.	Apex locator		1	1	1
7.	Rubber dam kit	One set per student	1	1	1
8.	Spot welder		1	1	2
9.	Ultrasonic scalers		2	4	2
10.	Ultrasonic cleaner			1	1
11.	X-ray viewer			3	2
12.	Amalgamator		1	1	1
13.	Plaster dispenser		2	2	2
14.	Dental lathe		1	1	1
15.	Heavy Duty Vibrator (Whip mix)		1	1	2
16.	Typhodont Primary Teeth	One set per student			1
17.	Typhodont Permanent Teeth	One set per student			1
18.	Soldering unit		1	1	1
19.	Band pinching beak pliers		2 Sets	2 Sets	2 Sets
20.	Proximal contouring pliers		2	3	2
21.	Crown crimping pliers		2	3	2
22.	Double beak pliers anterior and posterior		2	3	2
23.	Lab micro motor		2	3	1
24.	Acryliser		1	1	1
25.	Magnifying loupes		1	1	1
26.	Conscious sedation unit		1	1	1
27.	Pulse oxymeter		1	1	1
28.	Phantom head table with attached Light, Airtor and micro motor	One set per each P.G. Student (for 1 <sup>st</sup> year students only)	1	1	1
29.	Computer with internet connection with attached printer and scanner		1	1	1
30.	Audio Visual System	(in Seminar Room)	1	1	1
31.	Refrigerator		1	1	1
32.	Endodontic microscope	<b>Desirable</b>	1	1	1
33.	Soft tissue laser	<b>Desirable</b>	1	1	1
34.	Model trimmer		1	1	1
35.	Endomotor		1	1	1
36.	Adjustable Mouth prop A. Infant mouth gag (MGI) B. Child mouth gag (MGC) C. Adult mouth gag (MGA)	<b>Desirable</b>	1 (of each Size)	2 (of each Size)	

(Inspector:1)

(Principal)

(Inspector:2)



37.	Papoose Board (Small, Regular, Large size, Extra large size)	<b>Desirable</b>	1 (of each Size)	2 (of each size)	
38.	Head & Arm Immobilizers (Small, Regular, Large size,)	<b>Desirable</b>	1 (of each Size)	2 (of each size)	
39.	Bracket holding pliers	One per student			
40.	Straight hoe pliers	One per student			
41.	Curved hoe pliers	One per student			
42.	Intraoral camera with screen	<b>Desirable</b>	3	6	
43.	Television	<b>Desirable</b>	1	1	

12. **STUDENTS ACADEMIC PRESENTATION (for all inspections except starting)**

Name of the Student: \_\_\_\_\_

Sr. No.	Activity	Requirement	Work done (to be verified by Guide /HOD)	Work done (verified by Council' s Inspectors)	Remarks
1.	Journal Club	5 in a year			
2.	Seminars	5 in a year by each student			
3.	Clinical Cases Presentations	2 in a year			
4.	Lecturers taken for Undergraduates	1 in a year			
5.	Scientific Paper/Poster Presentations in State/National Level Conferences	3 papers/posters during three years of training period			
6.	Inter-disciplinary Presentation	2 presentations during three years of training period			
7.	Scientific Publication	One Publication in any scientific journal (As per Category I, II, III of DCI MDS Course Regulation, 2017)			
8.	Submission of synopsis	Synopsis within six months from the date of commencement of the course			
9.	Submission of Library Dissertation	Dissertation within eighteen months from the date of commencement of the course			
10.	Submission of Main Dissertation	Dissertation prior to six months before appearing for the University examination			

Clinical work Requirements from 7 to 36 months

(Inspector:1)



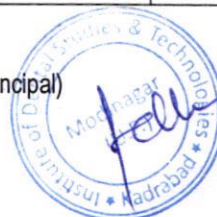
(Inspector:2)

11. **EQUIPMENTS :-****DEPARTMENT: PERIODONTOLOGY**

S. No.	NAME	SPECIFICATION	Quantity		Availability
			1 Unit	2 Units	
1.	Dental Chairs and Units	Electrically operated with lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor and airoter attachment, ultrasonic scaler	One chair and unit per post-graduate student		
2.	Autoclave		1	1	2
3.	Airoter hand pieces		2	2	3
4.	W.H.O probe		2	2	3
5.	Nabers probe		2	2	3
6.	Williams probe		2	2	5
7.	UNC-15 probe		4	4	5
8.	Gold Man fox probe		1	1	3
9.	Pressure sensitive probe		1	1	1
10.	Marquis color coded probe		1	1	2
11.	Supra gingival scalers	set	2	2	2
12.	Sub gingival scaler	set	2	2	2
13.	Arkansas sharpening stone		1	1	1
<b><u>SURGICAL INSTRUMENTS</u></b>					
1.	Routine surgical instrument kit (Benquis periosteal elevator, periotome)	set	2	3	3
2.	X ray viewer		1	2	2
3.	Electro surgery unit		1	1	1
<b><u>Special Surgical Instruments</u></b>					
1.	Kirkland's knife	set	1	1	2
2.	Orban's knife	set	1	1	2
3.	Paquette blade handle		1	1	1
4.	Krane kaplan pocket marker	set	1	1	2
5.	Mc Calls universal curettes	set	1	1	1
6.	Gracey's curettes (No.1-18)	set	2	2	2
7.	Mini five curettes	set	1	1	1
8.	Cumine scalar		1	1	1
9.	Mallet		1	1	1
10.	Chisel		1	1	2
11.	Oschenbein chisel	straight, curved	1	1	3
12.	Schluger bone file		1	1	2
13.	Bone fixation screw kit		1	1	1
14.	Bone scrapper		1	1	2
15.	Bone trephines for harvesting autografts	1 set	1	1	1

(Inspector:1)

(Principal)



(Inspector:2)

16.	Micro needle holder		1	1	4
17.	Micro scissors		1	1	2
18.	Magnifying loop (2.5 – 3.5)		1	2	2
19.	Operating microscope	optional	1	1	
20.	3 <sup>rd</sup> generation digital probe	optional	1	1	
21.	Bone expander and bone crester	optional	1	1	2
22.	Distraction osteogenesis kit	optional	1	1	
23.	Bone mill	optional	1	1	1
24.	Bone graft / membrane placement spoon		1	1	2
25.	Bone condenser		1	1	1
26.	Peizo-surgery unit	optional	1	1	1
27.	Centrifuge for PRP/PRF preparation		1	1	1
28.	Soft tissue laser (8 watt)	Not required, if available in Central Laser clinic	1	1	1
29.	Osteotome	Set optional	1	1	1
<b>MISCELLANEOUS INSTRUMENTS</b>					
1.	Composite gun with material kit		1	1	1
2.	Splinting kit with material		2	3	3
3.	Composite finishing kit		1	1	1
4.	Digital camera		1	1	1
5.	Intra Oral camera		1	1	1
6.	Ultrasonic cleaner		1	1	1
7.	Emergency kit		1	1	1
8.	Refrigerator		1	1	1
9.	Audio Visual System		1	1	1
10.	Computer with internet connection with attached printer and scanner		1	1	1
11.	Educating models		1	1	2
<b><u>Implant Equipment</u></b>					
12.	Electrical dental chair and unit	Not required, if Central Implant Clinic is available	1	1	1
13.	Physio dispenser	Not required, if Central Implant Clinic is available	1	1	1
14.	Implant kit	Not required, if Central Implant Clinic is available	2	2	2
15.	Implants	Not required, if Central Implant Clinic is available	10	10	10

(Inspector:1)

(Principal)



(Inspector:2)

16.	Implant maintenance kit (plastic instruments)	Not required, if Central Implant Clinic is available	1 set	1 set	1 set
17.	Implant guide	Not required, if Central Implant Clinic is available	1	1	1
18.	X-ray viewer	Not required, if Central Implant Clinic is available	1	2	2
19.	Ultrasonic cleaner capacity 3.5 lts	Not required, if Central Implant Clinic is available	1	1	1
20.	Autoclave	Not required, if Central Implant Clinic is available	1	1	1
21.	Digital X-ray system	Not required, if Central Implant Clinic is available	1	1	1
22.	Surgical kit	Not required, if Central Implant Clinic is available	2	2	2
23.	Sinus lift kit	Not required, if Central Implant Clinic is available	1	1	1
24.	Implant removing kit	Not required, if Central Implant Clinic is available	1	1	1

\* The number of equipments shown in this proforma represents the MINIMUM requirement for Implant clinic shared by the 3 departments viz. **Oral & Maxillofacial Surgery, Periodontology and Prosthodontics and Crown & Bridge**

(Inspector:1)



(Principal)

(Inspector:2)

11. **EQUIPMENTS :-****DEPARTMENT: PROSTHODONTICS AND CROWN & BRIDGE**

S. No.	NAME	SPECIFICATION	Quantity		Availability
			1 Unit	2 Units	
1.	Electrical Dental Chairs and Units	With lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor and airtor attachment	One chair and unit per PG student		
			1 Unit	2 Units	
2.	Semi Adjustable Articulator with Face bow		6	12	12
3.	Micromotor - (Lab Type can also be attached (fixed) to wall		2	4	6
4.	Ultrasonic scaler		2	2	4
5.	Light cures		2	2	4
6.	Autoclave (If Centralized sterilization system is not available)		1	1	1
7.	Surveyor		1	1	4
8.	Refrigerator		1	1	2
9.	X-ray viewer		1	2	3
10.	Pneumatic, Crown bridge remover		1		5
11.	Digital SLR camera		1	1	1
12.	Computer with internet connection with attached printer and scanner			1	1
13.	Audio Visual System		1	1	1
Clinical Lab for Prosthetics					
1.	Plaster dispenser		1	1	4
2.	Model trimmer with carborandum Disc		1	1	3
3.	Model trimmer with diamond disc		1	1	3
4.	High speed lathe		1	1	3
5.	Vibrator		1	1	4
6.	Acrylizer		1	1	3
7.	Dewaxing unit		1	1	3
8.	Hydraulic press		1	1	2
9.	Mechanical press		1	1	2
10.	Micro motor lab type		2	3	5
11.	Pressure molding machine		1	1	2
Metal Casting Lab					
1.	Duplicator		1	1	2
2.	Pindex system		1	1	2
3.	Burn-out furnace		1	1	2
4.	Sandblaster	Micro and macro	1	1	2
5.	Model trimmer with carborandum disc		1	1	2
6.	Model trimmer with diamond disc		1	1	2
7.	Spot welder with soldering, attachment of cable		1	1	2
8.	Steam cleaner		1	1	2
9.	Vacuum mixing machine		1	1	2
10.	Wax heater for wax carving		1	1	3
11.	Wax carvers (Full PKT Set)		2	3	5
12.	Milling machine		1	1	2
13.	Magnifying work lamp		1	1	1
14.	Heavy duty lathe with suction		1	1	2
15.	Die cutting machine		1	1	3
16.	Ultrasonic cleaner		1	1	2
17.	Electrically operated centrifugal casting machine		1	1	2
18.	Induction Casting Machine		1	1	2
19.	Lab Micro Motor		1	1	2

(Inspector:1)

(Principal)

(Inspector:2)



Ceramic Lab Equipment					
1.	Fully programmable porcelain furnace with vacuum pump		1	1	2
2.	Ceramic kit (instruments)		3	3	6
3.	Ceramic polishing kit		2	2	4
4.	Magnifying work lamp		1	1	2
Implant Equipment (Not required, if Central Implant Clinic is available)					
1.	Electrical dental chair and unit		1	1	1
2.	Physio dispenser		1	1	1
3.	Implant kit	Minimum 2 systems	2	2	2
4.	Implants		10	10	20
5.	Prosthetic components		10	10	20
6.	light cure		1	1	2
7.	X-ray viewer		1	1	3
8.	Ultrasonic cleaner		1	1	1
9.	Autoclave		1	1	2
10.	X-ray machine with RVG		1	1	1
11.	Refrigerator		1	1	2
12.	Surgical kit / prosthetic kit		2	2	4
13.	Educating models		1	1	2
14.	Implant removing instruments		1	1	2

\* The number of equipments shown in this proforma represents the MINIMUM requirement for Implant clinic shared by the 3 departments viz. **Oral & Maxillofacial Surgery and Periodontology and Prosthodontics and Crown & Bridge**

PROSTHODONTICS AND CROWN & BRIDGE

(Inspector:1)

(Principal)



(Inspector:2)

11. EQUIPMENTS :-DEPARTMENT: ORAL & MAXILLOFACIAL PATHOLOGY AND ORAL MICROBIOLOGY

S. No.	NAME	SPECIFICATION	Quantity		Availability
			1 Unit	2 Units	
1.	Dental Chairs and Units	Electrically operated with lamp, spittoon, 3 way syringe, instrument tray and suction	1	2	3
2.	Adequate laboratory glassware's as required for processing of biopsy specimens and staining.	Reasonable quantity should be made available			
3.	Adequate tissue capsules / tissue embedding cassettes	Reasonable quantity should be made available			
4.	Paraffin wax bath	thermostatically controlled	1	1	1
5.	Leuckhart pieces		10	10	10
6.	Block holders		25	25	25
7.	Microtome	semi – automated	1	1	1
8.	Tissue floatation water bath	thermostatically controlled	1	1	1
9.	Slide warming table		1	1	1
10.	Steel slide racks for staining		5	5	5
11.	Diamond glass marker		2	2	2
12.	Research microscope with phase contrast, dark field, polarization, image analyzer photomicrography attachments .		1	1	1
13.	Multi head microscope	Penta headed	1	1	1
14.	Binocular compound microscope		1 for faculty and one per student	2 for faculty and one per student	
15.	Stereo microscope		1	1	1
16.	Aluminum slide trays		5	5	5
17.	Wooden / plastic slide boxes		5	5	5
18.	Wax block storing cabinet		5,000 capacity	10,000 capacity	5000 capacity
19.	Slide storing cabinet		5,000 capacity	10,000 capacity	5000 capacity
20.	Refrigerator		1	1	1
21.	Pipettes		5	5	5
22.	Surgical kit for biopsy		3	6	3
23.	Immunohisto chemistry lab with facilities for antigen retrieval and staining –Basic IHC stains including not limited to:- - Vimentin - Deshmin - S-100 - Smooth Muscle action		1	1	1
24.	Computer with Internet Connection with attached printer and scanner		1	1	1
25.	Audio Visual System		1	1	1
26.	Cryostat	Desirable	1	1	1
27.	Fluorescent microscope	Desirable	1	1	1
28.	Hard tissue microtome	Desirable	1	1	1
29.	Tissue storing cabinet (frozen)	Desirable	1	1	1

(Inspector:1)

(Principal)



(Inspector:2)



11. **EQUIPMENTS :-****DEPARTMENT: ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS**

S. No.	NAME	SPECIFICATION	Quantity		Availability
			1 Unit	2 Units	
1	Dental Chairs and Unit	Electrically operated with lamp, spittoon, 3 way syringe, instrument tray and motorized suction	One chair & unit per PG student		
2	Vacuum /pressure moulding unit		1	1	2
3	Hydrogen soldering unit		1	1	1
4	Lab micromotor		1	2	5
5	Spot welders		1	2	5
6	Model trimmer (Double disc)		1	2	3
7	Light curing unit		2	2	2
8	High intensity light curing unit		1	1	2
9	Polishing lathes		1	1	3
10	Tracing tables		2	3	5
11	SLR digital camera		1	1	1
12	Scanner with transparency adapter		1		1
13	X-ray viewer		3	4	1
14	Audio Visual System		1	1	1
15	Autoclaves			1	1
16	Ultrasonic scaler			1	1
17	Sets of Orthodontic pliers		3	3	3
18	Orthodontic impression trays		3	5	5
19	Ultrasonic cleaner capacity 3.5 lts		1	1	3
20	Electropolisher		1	1	3
21	Typodonts with full teeth set		3	3	3
22	Semi Adjustable articulator with face bow attachments		1	1	1
23	Free plane articulators		1	1	1
24	Hinge articulators		4	4	4
25	Computer software for cephalometrics		1	1	1
26	Computer with internet connection with attached printer and scanner		1	1	1
27	Refrigerator		1	1	1

(Inspector:1)

(Principal)



(Inspector:2)

**XVII. ACADEMIC BLOCK FOR BASIC SCIENCE SUBJECTS (100 INTAKE)**

**Applicable for the colleges without attachment of Recognised Medical College)**

(60% of the total constructed area should be completed before the start of college & total construction should be completed before the start of 2<sup>nd</sup> year)

**1. DEPARTMENT OF ANATOMY**

**AREA REQUIREMENTS**

	DEPARTMENT	SPECIFICATION	REQUIRED AREA
	DISSECTION HALL CUM MUSEUM	To seat 50 students Ventilated with sufficient exhaust fans. And adequate number of glass almirah to store the specimen	1700 Sq.ft.
	CADAVER ROOM	Two storage tanks to store the cadavers Sufficient area to store the formalin, freezer etc.	350 Sq.ft.
	HISTOLOGY ROOM	Tables with granite top and seating, sufficient to seat 30 students	350 Sq.ft.
	STAFF ROOM	Sufficient furniture like table /chairs /cupboard	100 Sq.ft.

**EQUIPMENT REQUIREMENTS**

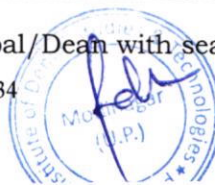
	DEPARTMENT	SPECIFICATION	REQUIREMENT	AVAILABLE	Remarks of Inspector
1.	<b>DISSECTION HALL</b>				
	Dissection table – Stainless-Steel tables with drainage for cadavers dissection	LARGE TABLE 71 inches length 22 inches breadth 36 inches height SMALL TABLE 35 Inches Length 22 inches Breadth 36 inches height	4- Large 4- Small	4 large 4 small	
	Educational models		10	10	
2	<b>CADAVER ROOM</b>				
	Large Storage Tank	1200 lt or 130 sq. feet	1	1	
	Small Tank	800 lts	1	1	
	Freezer Unit	To store two cadavers	1	1	
3	<b>HISTOLOGY ROOM</b>				
	Dissection Microscopes		5	5	
	Monocular Microscopes		25	25	
	Binocular Microscopes		1	1	
4	<b>MUSEUM</b>				
	Full body skeletal bones		3	3	
	Head and neck bones set		5	5	
	Complete Human organs specimen set		1	1	

Signature of Principal/Dean with seal

Signature of Inspector-1

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Signature of Inspector-2



## 2. DEPARTMENT OF PHYSIOLOGY

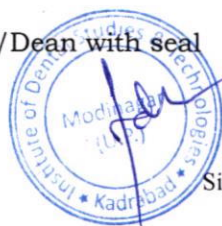
### AREA REQUIREMENTS

	DEPARTMENT	SPECIFICATION	REQUIRED AREA
	HEMATOLOGY LAB	Tables with granite top and chairs to seat 50 students	1350 sq.ft.
	CLINICAL LAB		500 sq.ft.
	STAFF ROOM	Sufficient furniture like table /chairs /cupboard	150 sq.ft.

### EQUIPMENT REQUIREMENTS

	DEPARTMENT	SPECIFICATION	REQUIREMENT	AVAILABLE	REMARKS OF INSPECTOR
	<b>HEMATOLOGY LAB</b>				
1	Microscopes	Monocular	50	50	
2.	Stage Incubator		1	1	
3	Westergen's Pipettes For E.S.R. on Stand		5 ESR STAND 10 PIPETTES	5 ESR STAND 10 PIPETTES	
4	Wintrob's pipettes		20	20	
5.	Haemo Globinometer, Sahli's		50	52	
6.	Haemocytometers		50	50	
7.	Sphygmomanometer		30	30	
8.	Stethoscopes		25	26	
9.	Refrigerator		1	1	
10	Stop Watches		25	25	
11	Ph Meter		1	1	
12	Analytical Balance		1	1	
13	Centrifuge R4c & R8c		1	1	
14	Blood Cell Counters		1	1	
15	Haematocrit Tubes		5	5	
16	Glass Wares	Glass slide/ pipettes/ capillary tube/test tube/glass Rod	For 50 students	Present	
	<b>CLINICAL LAB</b>				
1	Clinical Thermometers		5	7	
2	Knee Hammer		5	5	
3	Spirometer (Ordinary)		3	3	
4	Mosso's Ergograph		1	1	
5	Ophthalmoscope		1	1	
6	Dynamometer		1	1	
7	Perimeter		1	1	
8	Hair Aesthesiometer		2	2	
9	Bicycle Ergometer		1	1	
10	Examination Couches		5	5	
11	Steriliser		1	1	
12	Weighing Machine		3	3	
13	Height Chart		1	1	
14	Snellen's Chart		1	1	

Signature of Principal/Dean with seal



Signature of Inspector-1

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Signature of Inspector-2

### 3. DEPARTMENT OF BIOCHEMISTRY

#### AREA REQUIREMENTS

	DEPARTMENT	SPECIFICATION	REQUIRED AREA
1	CLINICAL LAB	Fitted with granites tables with overheard shelves for glass-ware. Sinks with tap Gas connection To seat 50 students.	1250 sq.ft.
2	PREPARATION ROOMS AND INSTRUMENT ROOM	Granite Table – to place equipments for Reagent preparation	150 sq.ft.
3	STAFF ROOM	Sufficient furniture like table /chairs /cupboard	100 sq.ft.

#### EQUIPMENT REQUIREMENTS

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

Signature of Principal/Dean with seal

Signature of Inspector-1

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Signature of Inspector-2



#### 4. DEPT OF PHARMACOLOGY

##### AREA REQUIREMENTS

	DEPARTMENT	SPECIFICATION	REQUIRED AREA
	CLINICAL LAB	Fitted with granites tables with overhead shelves for glassware. To seat 50 students.	1250 sq.ft.
	STAFF ROOM	Sufficient furniture like table /chairs /cupboard	100 sq.ft.

##### EQUIPMENT REQUIREMENTS

	DEPARTMENT	SPECIFICATION	REQUIREMENT	AVAILABLE	REMARKS OF INSPECTOR
	<b>CLINICAL LAB</b>				
	<b>GLASS WARE</b>				
1	Beakers	50/100/250/500ml	100 Each	100 Each	
2	China Dish		50	50	
3	Conical Flask		5	10	
4	Funnel	50/65/75 mm	25 each	25 each	
5	Glass Rod Medium/Small		100	100	
6	Measuring Cylinder	5/10/25/50/100ml	60	60	
7	Measuring Cylinder 250ml		5	5	
8	Measuring Cylinder 500ml		2	5	
9	Mortar and Pestle	Glass & Porcelain	50 each	50 each	

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10	Pasteur pipette pack of 100		3	3	
11	Pipette 1 ml		100	100	
12	Pipette 2ml		50	54	
13	Pipette 5 ml		25	30	
14	Reagent bottle with lid - Narrow Mouth	Amber(NMA) 125/250/500 ml	100 each	100 each	
15	Reagent bottle with lid - Narrow Mouth	White(NMW)125/2 50/500ml	100 each 500ml-50	100 each 500ml-50	
16	Reagent bottle with lid - Wide Mouth	Amber(WMA) 250ml	50	50	
17	Reagent bottle with lid - Wide Mouth	White(WMW) 125/250/500ml	100 each 500ml-50	100 each 500ml-50	
18	Test Tubes (Medium)		50	62	
19	Petri dish		10	10	
20	Wash Bottle		75	75	
21	Dropper Bottle		50	50	
	<b>INSTRUMENTS</b>				
1.	Transparent Dispensing Box		50	50	
2.	Dispensing Balance		50	50	

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3.	Dispensing Weight box		50	50	
4.	Electronic balance		1	1	
5.	Mechanical pipette		1	1	
6.	Sensitive Balance (Shimadzu)		1	1	
7.	Sphygmomanometer		1	1	
8.	Spirit lamp		7	7	
9.	Test Tube Holders		25	25	
10.	Test Tube Stand		25	25	
11.	Water bath		1	1	
12.	Wax paper bundles		5	5	

### 5. DEPT OF MICROBIOLOGY

#### AREA REQUIREMENTS

DEPARTMENT	SPECIFICATION	REQUIRED AREA
CLINICAL LAB	Fitted with granites tables with overhead shelves for glassware. Sinks with tap To seat 50 students.	1250 sq.ft.
PREPARATION ROOMS	Fitted with granites tables for culture media preparation and processing of clinical specimens.	250 sq.ft.
STAFF ROOM	Sufficient furniture like table /chairs /cupboard	100 sq.ft.

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#### EQUIPMENT REQUIREMENTS

	DEPARTMENT	SPECIFICATION	REQUIREMENT	AVAILABLE	REMARKS OF INSPECTOR
	<b>CLINICAL LAB</b>				
1.	Microscopes monocular	Examination of micro-organisms for students	50	50	
2.	Microscope binocular	Examination of microorganisms for research purposes	1	1	
3.	Incubator		1	1	
4.	Double Door Refrigerator	Maintaining Cultures	1	1	
	Preparation Room				

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1.	Autoclave ( Small )	Sterilisation	1	1	
2.	Electronic Balance		1	1	
3.	Water Bath		1	1	
4.	Anaerobic Jar		1	1	
5.	Centrifuge		1	1	
6.	Bio Safety Cabinet		1	1	
7.	Hot Air Oven	Sterilisation	1	1	
8.	Hot Plate	Electrical For Heating	1	1	

## 6. DEPT OF GENERAL PATHOLOGY

### AREA REQUIREMENTS

	DEPARTMENT	SPECIFICATION	REQUIRED AREA
	CLINICAL LAB	Fitted with granites tables To seat 50 students.	1350 Sq. Ft.
	STAFF ROOM	Sufficient furniture like table /chairs /cupboard	100 Sq.ft.

### EQUIPMENT REQUIREMENTS

	DEPARTMENT	SPECIFICATION	REQUIREMENT	AVAILABLE	REMARKS OF INSPECTORS
	<b>CLINICAL LAB</b>				
A.	<b>GLASS WARE</b>				
1	Test tubes		Adequate number	Present	
2	Glass pipette	1ml,2ml,10ml	25 Each	Present	
3	Conical flask		50	50	
4	Coupling Jar		25	25	
5	Wintrobe tubes		20	20	

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6	Dropper bottles		25	25	
7	Capillary tubes		2 Pack	2 Pack	
8	RBC pipette		60	60	
9	Glass rods		50	50	
10	Micropipettes		50	50	
11	Hemometer pipette		20	20	
B.	<b>INSTRUMENTS</b>				
1	Microscopes		25	25	
2	Incubator		1	1	
3	Centrifuge		1	1	
4	Hemocytometer		20	20	
5	Hemometer		20	20	
6	Water bath		1	1	
7	Electronic weigh scale		10	10	
8	Sprit lamp		5	5	
9	Test tube stand		50	50	
10	ESR stand		25	25	
11	Laboratory		5	5	

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Signature of Inspector-2



	thermometer				
12	Counting chamber		10	10	
13	Sphygnomanometer		1	1	
14	Lancets		1Pack	1 Pack	
15	Stethoscope		1	1	
16	Clinical thermometer		1	1	

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