

LIST OF EQUIPMENTS

V.S.P.M Dental College & Research Center, Nagpur.

Special equipment as relevant to Department of Oral Medicine & Radiology

NAME	SPECIFICATION	QTY.	Availability
Dental Chairs and Units	Electrically operated with shadow-less lamp, spittoon, 3 way syringe, instrument tray and suction	One chair & unit per PG student and Two chairs & unit for Faculty	31
Intra Oral Radiography Machine	55-70 kVp with Digital Compatibility	1	4
Extra Oral Radiography machine	100 kVp	1	1
Panoramic Radiography (OPG) Machine with	Digital Compatibility	1	2
Intra-Oral Camera		1	3
Pulp Tester		2	6
Autoclave		2	4
Punch Biopsy Tool		2	4
Biopsy Equipment		2	3
Surgical Trolley		2	7
Emergency Medicines Kit		1	1
Extra Oral Cassettes with Intensifying Screens (Conventional & Rare Earth)		4	14
Lead Screens		2	6

Lead Aprons		2	6
Lead Gloves		2	3
Radiographic Filters (Conventional & Rare Earth)		1	2
Dark Room with Safe light facility		1	1
Automatic Radiographic Film Processors		2	2
Radiographic Film storage Lead Containers		1	1
X-ray Viewer boxes		2	8
Lacrimal Probes		2 sets	4
Sialography Cannula		2 sets	4
Computer with Internet Connection with attached Printer & Scanner		1	3
Illuminated Mouth Mirror & Probe		2	4



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DEPARTMENT: Oral and Maxillofacial Surgery

NAME	SPECIFICATION	QTY.	Availability
Dental chairs and units	Electrically operated with shadowless lamp, spittoon, instrument tray and high vacuum suction, micromotor /Air motor	One chair & unit per PG student and Two chairs & unit for Faculty	PG: 09 STAFF: 04 UG:30
Autoclave	Front loading	2	05
Fumigators		1	01
Oscillating saw	With all hand pieces	1	02
<i>Surgical instruments</i>			
A. General surgery kit		2	02
B. Tracheotomy kit (with set of disposable tubes consisting of six)		1	01
C. Minor oral surgery kit			10
D. Osteotomy kit			01
E. Cleft surgery kit			01
F. Bone grafting kit		3	01
G. Emergency kit			
H. Trauma set including bone plating kit		1	01
I. Implantology kit (standard/imported ISI approved)		1	02
		1	02
		2	03(SHARED WITH IMPLANTOLOGY SECT.)
		2	
		2	
Distraction osteogenesis kit (desirable)		1	01

Operating microscope and Microsurgery kit (desirable)		1	01 (SHARED WITH D.OF CONS. DENT.)
Dermatomes		2	02
Formalin chamber		1	04
Pulse oxymeter		1	01
Ventilator		1	01
Major operation theatre with all facilities		1	01
Recovery I.C.U. with all necessary life support equipments		2 beds	02 Beds
Fiber optic light		1	01
Inpatient beds		20	20 +02 in Dental recovery room
Fiber optic laryngoscope			-
Cautery Shalya			01
Computer with Internet Connection with attached Printer & Scanner		1	01



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DEPARTMENT OF PERIODONTOLOGY

LIST OF EQUIPMENTS

SR.NO.	NAME OF THE EQUIPMENTS	QUANTITY HELD
1	DENTAL CHAIR WITH UNIT UNDERGRADUATE CLINIC SERVICE CLINIC POSTGRADUATE CLINIC SURGICAL ROOM	21 12 19 2
2	REVOLVING STOOL	54
3	STEEL STOOL	20
4	ULTRASONIC SCALERS UNIT	25
5	ULTRASONIC TIPS	32
6	MICROMOTOR WITH HANDPIECE	18
7	AIR MOTOR	01
8	AUTO CLAVE	03
9	CENTRALIZED COMPRESSOR	01
10	SUCTION	03
11	COMPUTER WITH PRINTER AND SCANNER	02
12	INTRAORAL CAMERA	02
13	LIGHT CURE UNIT	01
14	ELECTROCAUTERY	01
15	HOT AIR OVEN	01
16	FORMALIN CHAMBERS	02
17	LCD PROJECTOR	01
18	IMPLANT KIT	03
19	BONE MICROSAW WITH HANDPIECE	01

DEPARTMENT OF PERIODONTOLOGY

LIST OF INSTRUMENTS (FOR UNDERGRADUATE COURSE)

SR.NO.	NAME OF THE INSTRUMENTS	QUANTITY HELD
1	SUPRAGINGIVAL SCALERS	31 SET
2	API SUPRAGINGIVAL SCALERS	06 SET
3	API DOUBLE ENDED SUPRAGINGIVAL SCALER	01 SET
4	SUBGINGIVAL SCALER	19 SET
5	HU-FRIEDY CURETTES	26
6	ROTEX CURETTES	03
7	MEDIS (GERMANY) CURETTES	05
8	PERIOSTEAL ELEVATOR	03.
9	WILLIAMS GRADUATED PROBE	02
10	NEEDLE HOLDER	07
11	ARTERY FORCEP	02
12	MOUTH MIRROR	24
13	STRAIGHT PROBE	43
14	TWEEZER	19
15	B.P.HANDLE	05
16	GINGIVECTOMY KNIFE	06
17	BONE FILE	01
18	TOWEL CLIP	03

DEPARTMENT OF PERIODONTOLOGY

LIST OF INSTRUMENTS

(FOR POST GRADUATE COURSE)

SR.NO.	NAME OF THE INSTRUMENTS	QUANTITY HELD
1	PERIO FILES – HU-FRIEDY FS 3/4 S P – FILES 1/2 FO 10/11 (ORBAN) FO 12/13	03 03 03 03
2	PERIOSTEAL ELEVATOR (PKN-1) – HU-FRIEDY	03
3	CHISEL – HU-FRIEDY OCH -1 OCHSENBEIN CHISEL OCH -2 OCHSENBEIN CHISEL	03 03
4	POCKET MARKER – HU-FRIEDY PMGF-1 (LEFT) PMGF-2 (RIGHT)	03 03
5	DPU 17 PLIERS, UTILITY PICKUP	01
6	AFTER FIVE GRACEY CURETTES SRPG 1/2 SRPG 3/4 SRPG 5/6 SRPG 7/8 SRPG 11/12 SRPG 13/14	02 SETS
7	CUMINE DE SCALER (SCM 1520	03
8	ORBAN DE HOE – SCALER SO 6/7 SO 8/9	03 03
9	KIRKLAND KNIFE KO1/2	02
10	KARMER KNIFE PKN 1	02
11	KIRKLAND DE KNIFE-(KK 15/16)	03
SR.NO.	NAME OF THE INSTRUMENTS	QUANTITY HELD
12	SURFACE SCALER (SDP 5/6 K)	03
13	XP 23/11.5B	03
14	P2N6 NABER PROBE	03
15	SCALPLE HANDLE (10-130-07K)	03
16	GOLDMAN FOX PROBE (PGF/W8)	02

17	GOLDMAN FOX PROBE (PGF/W6)	02
18	WILLIAMS PROBE (PQOW6)	03
19	WILLIAMS PROBE (PQO6)	03
20	NEEDLE HOLDER (MICRO NHDPVN)	01
21	ARKANSAS STONE FLAT SS4 SSAS-22	02 02
22	KNIFE KB 3/4 – HU-FRIEDY (3/4 BUCK DE KNIFE)	03
23	GRACEY CURETTES – HU-FRIEDY SRPG – 3/126 SRPG – 5/66 SRPG 7/86 SRPG 11/126 SRPG 13/146	3 SETS (15 NO.)
24	GRACEY CURETTES – HU-FRIEDY SRPG 11/146 SRPG 1/26 12/136	03 03 02
25	WATER PICK (DENTAL WATER JET)	02
26	CASSETTS	03
27	IMPLANT KIT (ADIN)	01
28	NOBEL DIRECT IMPLANT KIT --- 1 STAGE	01
29	NOBEL REPLACE SURGICAL KIT (2 STAGE)	01
30	OSSEOSSET (PHYSIODISPENSER) NOBEL BIOCARE	02
31	PHYSIODISPENSER (W AND H)	01
32	BONE MICROSAW WITH HANDPIECE	01
33	DENTAL LASER UNIT	01
34.	BONE GRAFT MATERIAL	04 VIALS
35.	GTR MEMBRANES	04
36.	INSTA KIT (MEMBRANE FIXATION KIT)	01
37.	MICROSURGICAL LOUPES (STAC)	01



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DEPARTMENT : Orthodontics and Dentofacial Orthopedics

EQUIPMENTS: (POSTGRADUATE)

NAME	SPECIFIC ATION	QTY.	Availability
Dental Chairs and Unit	Electrically operated with shadow less lamp, spittoon, 3 way syringe, instrument tray and suction	One chair & unit per PG student and Two chairs & unit for Faculty	12
Vacuum/Pressure Moulding Unit		1	01
Soldering torches		4	03
Lab Micromotor		4	06
Spot Welders		4	08
Model Trimmer(Double Disc)		2	01
Light Curing Unit		2	03
Polishing Lathes		2	02
Tracing Tables		3	17
Digital Camera		1	01
Computers with all accessories and software for orthodontic image manipulation		1	01 with all accessories 01 without accessories

Scanner with transparency adapter		1	01
X-ray Veiwew		5	05
O.H.P.		1	01
LCD Projector		1	01
Autoclave – microprocessor based, Wet & Dry. High & Low Cycle		1	00
Vacuum mixer		1	00
Vibrators		2	02
Plaster dispensers		2	02
Dry Heat Sterilizer		1	01
Ultrasonic Scaler		1	04
Sets of Orthodontic Pliers		6 Sets	04
Orthodontic Impression trays		4 Sets	04
Ultrasonic tray cleaner		1	01
Typodonts with full teeth set		6	06
Anatomical Articulator with face bow attachments		1	01
Three Plane Articulators		1	03
Hinge Articulators		5	05
Hydro soldering Unit		1	01
Electro polisher		1	01

Note : These requirements are in addition to requirement for BDS Course.

DEPARTMENT: Orthodontics and Dentofacial Orthopedics**EQUIPMENTS: (UNDERGRADUATE)**

NAME	SPECIFICATION	Required. As per DCI	Availability
Dental Chairs and Unit	As per specification	18	06 Electric
Unit mount scaler		05	03
Autoclave	Having wet and dry cycle, which can achieve 135 C with minimum capacity of 20 liters	02	00
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	02	00
ORTHO LAB			
Plaster dispenser	One each for plaster and stone plaster	02	00
Vibrator		02	00
Model Trimmer		02	00
Micro motor	Heavy duty	04	00
Lathe		02	00
X-ray viewers		02	02
OPG with cephalostat	If available in radiology its is adequate.	01	Available in ODMR Dept.
Welders		04	00

Blue Torch		01	00
Base formers		04	00
Typodont		04	00
Set of Pliers		10	00
Welder with soldering attachments		01	00
Hydro solder		01	00
Typhodont articulator	With metal teeth and wax rim of Class I,II,III	04	04
Pressure moulding machine		01	00



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DEPARTMENT :Prosthodontics and Crown & Bridge

NAME	SPECIFICATION	QTY	AVAILABLE	Use Regular/ Rarely
Electrical Dental chairs units	With shadow less lamp, spittoon, three way syringe, Instrument tray and suction, micro motor, air rotor	One chair and unit per PG student and Two chairs and unit for faculty	14	Regular
Articulator – Semi adjustable	With face bow	6	12	Regular
Air rotor and Air motor hand piece		6	6	Regular
Micro motor –(Lab type)		2	2	Regular
Ultrasonic scaler		4	2	Regular
Light cure		2	2	Regular
Sterilization – Hot air oven		1	1	Regular
Autoclave		1	1	Regular
Surveyor		2	2	Regular
Refrigerator		1	1	Regular
Pneumatic crown remover		2	2	Regular
Needle Destroyer			1	Regular
Clinical Lab for Prosthetics				
Plaster dispenser		2	5	Regular
Model Trimmer with Carborandum Disc		1	1	Regular
Model Trimmer with Diamond Disc		1	1	Regular
Lathe		2	4	Regular
High speed lathe		2	2	Regular
Vibrator		1	2	Regular
Acrylizer		1	3 1 Not working	Regular
Dewaxing unit		1	1	Regular
Hydraulic press		1	1	Regular
Mechanical press		1	4	Regular
Vacuum mixing machine		1	1	Regular

Micro motor lab type		2	2	Regular
Curing pressure pot		1	1	Regular
Pressure molding machine		1	1	Regular
Chrome-cobalt Lab equipment				
Duplicator		1	1	Rarely
Pindex system		1	1	Regular
Burn out furnace		2	2	Regular
Welder		1	1	Rarely
Sand blaster (micro & macro)		2	1	Regular
Electro - Polisher			0	
Model Trimmer with Carborandum Disc		1	1	Regular
Model Trimmer with Diamond Disc		1	1	Regular
Model Trimmer with double disc One carborandum & One diamond disc		1	1	Regular
Casting machine Motor cast with the safety door closure Gas blow torch with regulator		1	1	Regular
De waxing furnace		1	1	Regular
Induction casting machine with vacuum pump, Capable of casting titanium chrome cobalt precision metal		1	1	Regular
Programmable porcelain furnace with vacuum pump		1	1	Regular
Spot welder with soldering, attachment of cable		1	2 1 Not working	Regular
Steam cleaner		1	1	Regular

Spindle grinder 24000 RPM with vacuum suction		1	1	Regular
Wax heater		2	1	Regular
Wax carver		2	1	Regular
Milling machine		1	1	Regular
Stereo microscope		1	2	Regular
Magnifying work lamp		1	2	Regular
Heavy duty lathe with suction		1	2	Regular
Preheating furnace		1	-	
Dry model trimmer		1	1	Regular
Die cutting machine		2	1	Regular
Ultra sonic cleaner		1	1	Regular
Composite curing unit		1	1	Regular
Ceramic Lab Equipment				
Ceramic furnace		1	1 2 Not working	Regular
Ceramic kit (Instruments)		6	3	Regular
Implant Equipments				
Implant kit		2	2	Regular
Implants		25	25	Regular
Prosthetic components		25	25	Regular
Unit mount light cure		2	2	Regular
X-ray viewer		2	2	Regular
Ultrasonic cleaner		1	1	Regular
Implant micro surveyor		1	1	Regular
Camera		1	1	Regular
Electrical dental chairs and units		2	2	Regular
Strengthen unit		1		
X-ray machine		1	1	Regular
Short cycle autoclave		1	-	
Refrigerator		1	-	
Surgical kit		2	1	Regular
Sinus lift instruments set		1	-	


Educating models			Available	
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XII. MAJOR EQUIPMENTS

DEPARTMENT : PROSTHODONTICS AND CROWN & BRIDGE

NAME	Specification	Quantity	
		Required	Available
Dental Chairs and Units	As per specification	34	34
Semi adjustable Articulators	With Face-bow	2	2
Extra oral /Intra oral tracer		2	10
Dewaxing Unit		2	-
Curing unit		2	
Dental Casting machine		1	1
Wax burnout furnace		1	1
Pre heating furnace		1	-
Surveying unit		2	2
Heavy Duty hand piece	Lab micro motors	4	2
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	
Plaster Dispenser	One each for plaster and stone plaster	2	3
Model Trimmer with Carborandum Disc		1	
Model Trimmer with Diamond Disc		2	
Acrylizer		3	4
Lathe		2	2
Flask Press		4	7

Deflasking unit		4	
Dewaxing Unit		3	-
Hydraulic Press		3	-
Mechanical Press		2	
Vacuum Mixing machine		1	-
Lab Micro motor	With heavy duty hand piece	4	4
Curing pressure pot		1	-
Porcelain furnace		2	2
Vibrator		2	-
Sand blasting unit		2	-
Ultrasonic cleaner		2	1
Model Trimmer		4	2
Hot water sterilizer		2	
Geyser	Compound bath	2	5
H.P. Grinder with suction		3	
Heavy duty lathe		2	
Phantom Heads	Gas connection and bunson burner	50	
Pre-clinical working table		100	-



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DEPARTMENT : CONSERVATIVE DENTISTRY AND ENDODONTICS

EQUIPMENTS:- UG BDS

Name	Specification	Quantity	
		Required	Available
Dental Chairs and Units	As per specification	34	34
Rubber dam kits		6	5
Restorative instruments kits		10	09
R.C.T. instrument kits		10	05
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	00
Needle burner with syringe cutter		4	02
Amalgamator	With auto proportion, auto dispenser	3	3
Pulp Tester-Digital		4	00
Apex Locator		2	2
Glass bead sterilizers		6	6
Plaster dispensers		2	2
Vibrator		2	1
Ceramic Unit		1	0
Casting machine		1	1
Intra-oral X-ray Unit	Proper radiation safety	1	1
Automatic Developer		1	0
Radiovisiography	RVG with Computer	1	1
Endo motor	With torque control Hps	1	1
Bleaching unit		1	0
Magnification loops		2	0
Injectable gutta percha		2	2
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 (<u>not to use extracted or cadaver teeth</u>).	60	00

CHEMICAL LABORATORY

Plaster Dispenser	One each for plaster and stone plaster	2	2
Model Trimmer	Carborandum disc	1	1
	Diamond disc	1	0
Lathe	Heavy Duty	2	0
Lab Micromotor	With heavy duty handpiece	3	0
Ultrasonic cleaner	Minimum capacity 5 liters	1	0
Spindle Grinder		1	0
Vibrator		2	1
Burnout furnace		1	1
Porcelain furnace		1	0
Sandblasting Machine		1	1
Lab Airrotor		1	0
Pindex System		1	0
Circular saw		1	0
Vacuum mixer		1	0
Pneumatic chisel		1	0
Casting machine	Motor cast/induction casting preferred	1	0

EQUIPMENTS:- PG**DEPARTMENT : CONSERVATIVE DENTISTRY AND ENDODONTICS**

Sr. No.	Name	Specification	Quantity		Availability
1.	Dental Chairs and Units	Electrically operated with shadowless lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor, airotor attachment with hand pieces (Fibre optic) and scaller	One chair per post-graduate student and two for faculty per Unit		18
			Unit 1	Unit 2	

2.	ENDOSONIC HANDPIECES – Micro endosonic Tips, retro treatment		2	3	04
3.	Mechanised rotary instruments including hand pieces (speed and torque control) and hand instruments various systems		3	6	06
4.	Rubber dam kit		1 per chair	1 per chair	05
5.	Autoclaves for bulk instrument sterilization vacuum (Front loading)		2	3	02
6.	Autoclaves for hand piece sterilization		1	1	04
7.	Apex locators		2	4	06
8.	Pulp tester		2	4	04
9.	Equipments for injectable thermoplasticized gutta percha		1	2	05
10.	Operating microscopes 3 step or 5 step magnification		1	1	01
11.	Surgical endo kits (Microsurgery)		2	2	00
12.	Set of hand cutting instruments		1	2	04
13.	Sterilizer trays for autoclave		4	6	08
14.	Ultrasonic cleaner capacity 3.5 lts		1	1	00
15.	Variable Intensity polymerization equipments - VLC units	Desirable	1	1	03
16.	Conventional VLC units		2	4	10
17.	Needle destroyer		2	2	02
18.	Magnifying loupes		1	2	02
19.	LCD projector		1	1	01
20.	Composite kits with different shades and polishing kits		2	4	03
21.	Ceramic finishing kits, metal finishing kits	In ceramic labs	2	3	03
22.	Amalgam finishing kits		2	3	02
23.	RVG with x-ray machine developing kit		1	1	01
24.	Chair side micro abrasion		1	1	01
25.	Bleaching unit		1	1	01

26.	Instrument retrieval kits with Piezo Electric ultrasonic tips		1	1	00
27.	Computer with internet connection with attached printer and scanner		1	1	01
28.	Refrigerator		1	1	02
29.	Equipments for casting procedures				
30.	Equipments for ceramics including induction casting machines/ burnout preheat furnaces/ wax elimination furnaces		1	1	00
31.	Lab micro motor/ metal grinders / sand blasters/ polishing lathes/ duplicator equipment/ vacuum investment equipments		1	1	00
32.	Laser (preferably hard tissue)		1	1	00
33.	Face bow with semi adjustable articulator		1	2	00
34.	GP cutter		3	6	00
35.	Proffin system	Optional	1	1	00



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PG EQUIPMENTS:

DEPARTMENT : Paediatric and Preventive Dentistry

<i>NAME</i>	SPECIFICATION	QTY.
Dental Chairs and Units	Electrically operated, spittoon attachment, Halogen Light with 2 intensity, high power motorized evacuation system, Air rotor with miniature hand piece, Micro motor with miniature conrangle Hand piece, 3 way syringe, ultrasonic scaler with 3 tips, light cure unit LED based heat free, X-ray viewer, instrument tray, Dental Operator's stool with height adjustment (40% should pedo chair)	One chair & unit per PG student and Two chairs & unit for Faculty
Rubber Dam Kit		1 set per P.G. Student
Pedo extraction forceps		2 sets
Adult extraction forceps		2 sets
Amalgamator		1
Endomotor		1
Injectable GP condensation		1
Pulp Tester		2
Apex Locator		2

SS crown kit		4
Poly carbonate / strip crown kit		4
Endodontic pressure syringe		2
X-ray Viewer		1
Hydro solder		1
Spot welder		2
Chemo mechanical caries removal system		2
Typhodont		1 set (Pedo + Permanent) per P.G. Student
Pliers i) Band forming ii) Band pinching iii) Ball and socket (No. 112) iv) Band removing v) Proximal contouring (No. 114) vi) Crimping plier		2 sets each
Computer with internet, Scanner and Printer	Pentium IV	1
Sterilization i) Autoclave ii) Glass bead sterilizer iii) Ultrasonic cleaner iv) Needle destroyer v) Fomalin chamber	Front loading	1 3 2 2 2
RVG		1
X-ray machine		1

Automatic developer		1
Conscious sedation unit	(Desirable)	1
Electronic anaesthesia		1
Pulse oxymeter		1
Emergency drugs tray		1
Magnifying loupes		3
Phantom table with phantom heads with attached light, airtor and micromotor		3
Plaster dispenser	1 for plaster and 1 for stone	2
Vibrator		2
Model trimmer	(double disc one diamond and one carborandum disc)	1
Lab micromotor		2
Acrylizer		1

UG DEPARTMENT: PAEDIATRIC AND PREVENTIVE DENTISTRY

Name	Specification	Quantity
		Required
Dental Chairs and Units	As per specification (Pedo chair preferred)	20

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		3
Amalgamator		1
Pulp Tester-Digital		1
Rubber dam kit for pedo		5
Apex locator		1
Endo motor	With torque control HPs	1
Injectable gutta percha with condensation		1
Radiovisiography	Digital intra X-ray system with pedo sensor and software	1
Intra Oral Camera	With high resolution	1
Scaling instruments		10
Restorative instruments		10
Extraction forceps		10
Intra-oral X-ray		1

Automatic Developer		1
Computer	Minimum Pentium IV	1
Plaster dispenser	One each for plaster and stone plaster	2
Model Trimmer	With diamond disc	1
Model Trimer	Double disc one diamond and one carborandum disc	1
Welder with soldering attachments		1
Vibrator		2
Lab micro motor	Heavy duty with Hps	3
Dental Lathe		1
Model Trimmer		1
Steam cleaner		1
Pressure moulding machine		1
Carborandum Disc		1
Diamond disc		1



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DEPARTMENT: PUBLIC HEALTH DENTISTRY

NAME	SPECIFICATIONS	Required	Available	Remarks of Inspector
Dental Chairs and Units	As per specification	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	2	
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	1	
Intraoral x-ray	Portable	1		
Glass bead sterilizers		1	1	
Compressor	1.25HP	1	1	
Metal Cabinet	With wash basin	1	1	
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		1	1	
Demonstration models		5	5	



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DEPARTMENT : Oral Pathology & Microbiology

NAME	SPECIFICATION	QTY	Availability
ESSENTIAL EQUIPMENT			
Dental Chairs and Units	Electrically operated with shadow less lamp, spittoon, 3 way syringe, instrument tray and suction	One chair & unit per PG student	Available
Adequate laboratory glassware's as required for processing of biopsy specimens & staining.			Available
Tissue capsules / Tissue embedding cassettes		25 – 30	30
Paraffin wax bath (thermostatically controlled)		1	1
Leuckhart pieces		10	10
Block holders		25	25
Semi automatic microtome		1	1
Automatic Microtome knife Sharpner		1 (Optional)	

Tissue floatation water bath (thermostatically controlled)		1	1
Slide warming table		1	1
Steel slide racks for staining		1+2	2
Diamond glass marker		2	2
Research microscope with phase contrast, dark field, polarization, CCTV & photomicrography attachments		1	1
Binocular Compound Microscope		4, 1/PG	10
Aluminum slide trays		5	5
Wooden / Plastic slide boxes		5	5
Wax block storing cabinet		1+2	2
Slide storing cabinet		1 of 10,000 capacity	2
Refrigerator		1	1
Micropipettes		2	2

Computer with Internet Connection with attached Printer & Scanner		1	1
DESIRABLE EQUIPMENT			
Cryostat		1	NA
Fluorescent Microscope		1	1
Image analysis software		1	1
Automatic processing equipment		1	1
Hard tissue microtome		1	NA
Stereo microscope		1	NA
Microwave		1	1
Tissue storing cabinet (Frozen state)		1	NA



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