

EQUIPMENT REQUIREMENTS

Department : ORAL MEDICINE AND RADIOLOGY

NAME	SPECIFICATION	QUANTITY	
		50 Admns.	100 Admns.
	(Space allocation for each Dental chair 100 Sq Ft in all the Departments)		
Dental Chairs and Units	Electrically operated, Spittoon attachment, Halogen Light with 2 intensity, Air Ventury Suction, X-Ray viewer, 3 way syringe, instrument tray, Dental Operator's Stool with height adjustment.	6	12
Panoramic X-Ray with Cephalometric	Preferably digital	1	1
Intra Oral X-ray Unit	70 KV , 8mA, high frequency preferably Digital timer	2	3
Pulp testers	Digital	2	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 one Sensor and Software	1	1
General X-ray Unit		1	1
Ortho Pantmograph	preferably digital	1	1
Automatic Developers/Dark Room		1	2
Lead aprons		2	2
Lead Gloves		1	1
X-ray Hangers		6	6
X-ray viewers		2	2
Diagnostic Kits	Mouth mirror, dental probe, college tweezers	20	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	Minimum Pentium -IV	1	1
Intra Oral Camera	With High resolution	1	1
Needle Burner with Syringe Cutter		2	2

Department : ORAL PATHOLOGY AND ORAL MICROBIOLOGY

NAME	SPECIFICATION	QUANTITY	
		50 Admns.	100 Admns.
Dental Chairs and Units	With shadowless lamp, spittoon, 3 way syringe, instrument tray and suction	1	2
Microscopes		20	40
Microtome		1	1
Wax bath		1	1
Water bath		1	1
Knife sharpner		1	1
Hot plate		1	1
Spencer knife		1	1

Department : PUBLIC HEALTH DENTISTRY

NAME	SPECIFICATION	QUANTITY	
		50 Admns.	100 Admns.
Dental Chairs and Units	Electrically operated, Spittoon attachment, Halogen Light with 2 intensity, Air ventury suction, micromotor control light cure 3 way syringe, X-ray viewer, instrument tray Dental Operators stool with height adjustment With shadowless lamp, spittoon, 3 way	8	16

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	syringe, instrument tray and suction, micromotor, airrotor, light cure		
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	1	2
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	1	2
Needle burner with syringe cutter		2	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.	2	
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	1	1
Intraoral x-ray	Portable, 70 KV, 8mA	1	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			

Department : PAEDIATRIC AND PREVENTIVE DENTISTRY

NAME	SPECIFICATION	QUANTITY	
		50 Adms.	100 Adms.
Dental Chairs and Units	Electrically operated, Spittoon attachment, Halogen Light with 2 intensity, high power motorized evacuation system, Air rotor with miniature, Airrotor HPS, Micro motor with miniature contrangle Hand piece, 3 way syringe, ultrasonic sealer with 3 tips, Light cure unit LED based heat free, X-ray viewer, instrument tray Dental Operator's stool with height adjustment (Pedo chair preferred)	10	20
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	1	2
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	1	2
Needle Burner with syringe cutter		2	3
Amalgamator		1	1
Pulp Tester-Digital		1	1
Rubber dam kit for pedo		3	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		5	10
Restorative instruments		5	10
Extraction forceps		5	10
Intra-oral X-ray		1	1
Automatic Developer		1	1
Computer	Minimum Pentium IV	1	1
PEDO LAB			

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

Department : ORTHODONTICS

NAME	SPECIFICATION	QUANTITY	
		50 Admns.	100 Admns.
Dental Chairs and Units	Electrically operated, Spittoon attachment, Halogen Light with 2 intensity, Air ventury suction, micromotor control light cure 3 way syringe, X-ray viewer, instrument tray Dental Operators stool with height adjustment	9	18
Unit mount scaler		3	5
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	1	2
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	1	2
ORTHO LAB			
Plaster dispenser	One each for plaster and stone plaster	2	2
Vibrator		2	2
Model Trimmer		1	2
Micromotor -	heavy duty	2	4
Lathe		1	2
X-ray viewers		2	2
OPG with cephalostat	If available in radiology its is adequate.	1	1
Welders		2	4
Blue Torch		1	1
Base Formers		2	4
Typodont		2	4
Set of Pliers		5	10
Welder with soldering attachments		1	1
Hydro solder		1	1
Typhodont articulator	With metal teeth wax rim of Class I, II, III	3	4
Pressure moulding machine		1	1

Department : PERIODONTOLOGY

NAME	SPECIFICATION	QUANTITY	
		50 Admns.	100 Admns.
Dental Chairs and Units	Electrically operated, Spittoon attachment, Halogen Light with 2 intensity, high power evacuation system, Air ventury suction, X-ray viewer, Airrotor, Micromotor with straight and contrangle Handpiece, With shadowless lamp, spittoon, 3 way syringe, ultrasonic sealer with 3 tips, X-ray viewer, instrument tray dental operator's stool with height adjustment	17	34
	Note: Atleast 25% of the units should have the Airpolisher.		
Scaling instrument sets		5	10
Surgical instrument sets		3	6
Autoclave	Having wet and dry cycle, which can achieve	2	3

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	135°C with minimum capacity of 20 liters		
Ultrasonic scaler	Minimum capacity 13 liters with mesh bucket	1	2
Electro surgical cautery		1	1
Needle burner with syringe cutter		4	6
LASER	Soft tissue laser	1	1
Surgical motor with physio dispenser		1	1

Department : CONSERVATIVE DENTISTRY AND ENDODONTICS

NAME	SPECIFICATION	QUANTITY	
		50 Admns.	100 Admns.
Dental Chairs and Units	Electrically operated, Spittoon attachment, Halogen Light with 2 intensity, high power evacuation system, Air ventury suction, X-ray viewer, Airrotor, Micromotor with straight and contrangle Handpiece, With shadowless lamp, spittoon, 3 way syringe, ultrasonic sealer with 3 tips, X-ray viewer, instrument tray dental operator's stool with height adjustment	17	34
Rubber dam kits		4	6
Restorative instruments kits		5	10
R.C.T. instrument kits		5	10
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	3
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket	1	2
Needle burner with syringe cutter		3	4
Amalgamator	With auto proportion, auto dispenser	2	3
Rubber dam kits		4	6
Pulp Tester-Digital		2	4
Apex Locator		1	2
Glass bead sterilizers		4	6
Plaster dispensers		2	2
Vibrator		1	2
Ceramic Unit		1	1
Casting machine		1	1
Intra-oral X-ray Unit	Proper radiation safety	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		1	2
Injectable gutta percha		1	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 (not to use extracted or cadaver teeth).	30	60

CHEMICAL LABORATORY

Plaster Dispenser	One each for plaster and stone plaster	2	2
Model Trimmer	Carborandum disc	1	1
	Diamond disc	1	1
Lathe	Heavy Duty	1	2
Lab Micromotor	With heavy duty handpiece	2	3
Ultrasonic cleaner	Minimum capacity 5 liters	1	1
Spindle Grinder		1	1
Vibrator		1	2
Burnout furnace		1	1
Porcelain furnace		1	1

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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

Department : ORAL & MAXILLOFACIAL SURGERY
A) EXODONTIA


NAME	SPECIFICATION	QUANTITY	
		50 Admns.	100 Admns.
Dental Chairs and Units	Electrically operated, Spittoon attachment, Halogen Light with 2 intensity, Air ventury suction, X-ray viewer, 3 way syringe, instrument tray Dental Operator's stool and height adjustment and suction, Micromotor/ Airotor	15	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	1	2
Needle burner with syringe cutter		4	6
Extraction forceps sets	Complete set	10	20
Dental elevators	Complete set	5	10
Minor Oral surgery kits		3	6
Emergency drugs tray		1	1
Oxygen cylinder with mask		1	1
X-ray viewers		2	2
Computer	Minimum Pentium IV	1	1

B) MINOR SURGERY

Dental Chairs and Units	Electrically operated, Spittoon attachment, Halogen Light with 2 intensity, high power evacuation system, Air ventury suction, X-ray viewer, Airrotor, Micromotor with straight and contrangle Handpiece, 3 way syringe, instrument tray Dental Operator's stool and height adjustment and suction,	3	5
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Department : PROSTHODONTICS AND CROWN & BRIDGE


NAME	SPECIFICATION	QUANTITY	
		50 Admns.	100 Admns.
Dental Chairs and Units	Electrically operated, Spittoon attachment, Halogen Light with 2 intensity, high power evacuation system, Air ventury suction, X-ray viewer, Airrotor, Micromotor with straight and contrangle Handpiece, 3 way syringe, ultrasonic sealer with 3 tips, Light cure unit, instrument tray and suction, Dental operator stool with height adjustment Electrically operated, Spittoon attachment, Halogen Light with 2 intensity , Air ventury suction, instrument tray, Dental operator stool with height adjustment	17	34
Semi adjustable articulator	With face bow	2	2
Extra oral/intra oral tracer		2	2
Dewaxing unit		1	2
Curing unit		1	2
Dental casting machine		1	1
Wax burnout furnace		1	1
Pre heating furnace		1	1
Surveying unit		1	2
Heavy duty hand piece	Lab micromotors	3	4

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Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	1	2
Needle burner with syringe cutter		1	2
Plaster Dispenser	One each for plaster and stone plaster	2	2
Model Trimmer with Carborandum Disc		1	1
Model Trimmer with Diamond Disc		1	2
Acrylizer		2	3
Lathe		1	2
Flask press		4	4
Deflasking unit		4	4
Dewaxing unit		2	3
Hydraulic Press		2	3
Mechanical Press		1	2
Vacuum mixing machine		1	1
Lab Micro motor	With heavy duty handpiece	3	4
Curing pressure pot		1	1
Porcelain furnace		1	2
Vibrator		1	2
Sand blasting unit		2	2
Ultrasonic cleaner		1	2
Model Trimmer		2	4
Hot water sterilizer		1	2
Geyser	Compound bath	1	2
H.P. grinder with suction		2	3
Heavy duty lathe		2	2
Phantom heads		50	50
Pre-clinical working tables	Gas connection & bunson burner	50	100

CERAMIC AND CAST PARTIAL LABORATORY


NAME	SPECIFICATIONS	50 ADMN	100 ADMN
Plaster Dispensor	One each for plaster and stone plaster	2	2
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	1
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
PRE-CLINICAL PROSTHETICS LABORATORY	Work table preferably complete stainless steel fitted with light, Bunsen burner, air	30	60

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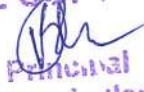
S. No.	NAME	SPECIFICATION	Quantity	Availability
1.	Electrical Dental Chairs and Units	With shadowless lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor and airtor attachment with handpieces.	One chair and unit per PG student and two chairs with unit for the faculty.	
			1 Unit	
2.	Articulators – semi adjustable/ adjustable with face bow		6	
3.	Micromotor – (Lab Type can also be attached (fixed) to wall		2	
4.	Ultrasonic scaler		2	
5.	Light cures		2	
6.	Hot air oven		1	
7.	Autoclave		2	
8.	Surveyor		2	
9.	Refrigerator		1	
10.	X-ray viewer		1	
11.	Pneumatic, Crown bridge remover		2	
12.	Needle destroyer		1	
13.	Intra oral camera		1	
14.	Digital SLR camera		1	
15.	Computer with internet connection with attached printer and scanner		1	
16.	LCD projector		1	
Clinical Lab for Prosthetics				
1.	Plaster dispenser		2	
2.	Model trimmer with carborandum Disc		1	
3.	Model trimmer with diamond disc		1	
4.	High speed lathe		2	
5.	Vibrator		2	
6.	Acrylizer		1	
7.	Dewaxing unit		1	
8.	Hydraulic press		1	
9.	Mechanical press		1	
10.	Vacuum mixing machine		1	
11.	Micro motor lab type		2	
12.	Curing pressure pot		1	
13.	Pressure molding machine		1	

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Chrome – Cobalt Lab Equipment			
1.	Duplicator		1
2.	Pindex system		1
3.	Burn-out furnace		1
4.	Welder		1
5.	Sandblaster	Micro and macro	1
6.	Electro – polisher		1
7.	Model trimmer with carborandumdisc		1
8.	Model trimmer with diamond disc		1
9.	Model trimmer with double disc(one Carborandum and one diamond disc)		1
10.	Casting machine, motor cast with the safety door closure, gas blowtorch with regulator		1
11.	Dewaxing furnace		1
	Induction casting machine with vacuum pump, capable of casting titanium chrome cobalt precisionmetal		1
12.	Spot welder with soldering, attachment of cable		1
13.	Steam cleaner		1
14.	Vacuum mixing machine		1
15.	Spindle grinder 24,000 ROM with vacuum suction		1
16.	Wax heater		2
17.	Wax carvers (Full PKT Set)		2
18.	Milling machine		1
19.	Stereo microscope		1
20.	Magnifying work lamp		1
21.	Heavy duty lathe with suction		1
22.	Preheating furnace		1
23.	Dry model trimmer		1
24.	Die cutting machine		1
25.	Ultrasonic cleaner		1
26.	Composite curing unit		1
Ceramic Lab Equipment			
1.	Fully programmable porcelain furnace with vacuum pump		1
2.	Ceramic kit (instruments)		3
3.	Ceramic materials (kit)		1
4.	Ceramic polishing kit		2
Implant Equipment			
1.	Electrical dental chair and unit		1
2.	Physio dispenser		1
3.	Implant kit	Minimum 2 systems	2
4.	Implants		10
5.	Prosthetic components		10

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6.	Unit mount light cure		1	
7.	X-ray viewer		1	
8.	Needle destroyer		1	
9.	Ultrasonic cleaner capacity 3.5 lts		1	
10.	Autoclave programmable for all recommended cycles		1	
11.	X-ray machine with RVG		1	
12.	Refrigerator		1	
13.	Surgical kit/prosthetic kit		2	
14.	Educating models		1	
15.	Implant removing instruments		1	

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DEPARTMENT: PERIODONTOLOGY

S. 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 attachment with contraangle handpiece, airoter attachment, ultrasonic scaler (Piezo) with detachable autoclavable hand piece	One chair and unit per post-graduate student and Two chairs with unit for the faculty	
			1 Unit	
2.	Auto clave (fully automatic) front loading		1	
3.	Steel bin		4	
4.	Airoter hand pieces		2	
5.	UV chamber		1	
6.	Formalin chamber		1	
7.	W.H.O probe		2	
8.	Nabers probe		2	
9.	Williams probe		2	
10.	UNC-15 probe		4	
11.	Gold Man fox probe		1	
12.	Pressure sensitive probe		1	
13.	Marquis color coded probe		1	
14.	Supra gingival scalers	set	2	
15.	Sub gingival scaler	set	2	
16.	Arkansas sharpening stone		1	
	Surgical Instruments			
1.	Routine surgical instrument kit (Benquis periosteal elevator, periotome)	set	2	
2.	Surgery trolleys		6	
3.	X ray viewer		1	
4.	Surgical cassette with sterilisation pouches		4	
5.	Electro surgery unit		1	
	Special Surgical Instruments			
1.	Kirkland's knife	set	1	
2.	Orban's knife	set	1	

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3.	Paquette blade handle		1	
4.	Krane kaplan pocket marker	set	1	
5.	Mc Calls universal curettes	set	1	
6.	Gracey's curettes (No.1-18)	set	2	
7.	Mini five curettes	set	1	
8.	Cumine scalar		1	
9.	Mallet		1	
10.	Chisel		1	
11.	Oschenbein chisel	straight, curved	1	
12.	Schluger bone file		1	
13.	Bone fixation screw kit		1	
14.	Bone scrapper		1	
15.	Bone trephines for harvesting autografts	1 set	1	
16.	Bone regenerative materials	Bone graft and GTR membranes	5	
17.	Local drug delivery systems	At least two different agents	1 each	
18.	Root conditioning agent	At least two different agents	2	
19.	Micro needle holder		1	
20.	Micro scissors		1	
21.	Magnifying loop (2.5 – 3.5)		1	
22.	Operating microscope	optional	1	
23.	3 rd generation digital probe	optional	1	
24.	Bone expander and bone crester	optional	1	
25.	Distraction osteogenesis kit	optional	1	
26.	Bone mill	optional	1	
27.	Bone graft / membrane placement spoon		1	
28.	Bone condenser		1	
29.	Peizo-surgery unit	optional	1	
30.	Centrifuge for PRP/PRF preparation	optional	1	
31.	Soft tissue laser (8 watt)		1	
32.	Osteotome	set optional	1	

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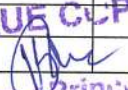
MISCELLANEOUS INSTRUMENTS			
1.	Composite gun with materialkit		1
2.	Splinting kit with material		2
3.	Composite finishing kit		1
4.	Glass Ionomer cement		1
5.	Digital camera		1
6.	Intra Oral camera		1
7.	Ultrasonic cleaner		1
8.	Emergency kit		1
9.	Refrigerator		1
10.	X-ray viewer		1
11.	LCD projector		2
12.	Computer with internet connection with attached printer and scanner		1
13.	Implant Equipment		
14.	Electrical dental chair and unit		
	Physio dispenser		1
15.	Implant kit		1
		At least two different systems	2
16.	Implants		10
17.	Implant maintenance kit (plastic instruments)		1 set
18.	Implant guide		
19.	X-ray viewer		1
20.	Needle destroyer		1
21.	Ultrasonic cleaner capacity 3.5lts		1
22.	Autoclave programmable for all recommended cycles		1
23.	RVG with x-ray machine		
24.	Refrigerator		1
25.	Surgical kit		1
26.	Sinus lift kit		2
27.	Educating models		1
28.	Implant removing kit		1

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DEPARTMENT : CONSERVATIVE DENTISTRY AND ENDODONTICS

S.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, airtor attachment with hand pieces	One chair & unit per post-graduate student and two chairs with unit for the faculty	
			1 Unit	
2.	ENDOSONIC HANDPIECES – Micro endosonic Tips, retro treatment		2	
3.	Mechanised rotary instruments including hand pieces (speed and torque control) and hand instruments various systems		3	
4.	Rubber dam kit		1 per chair	
5.	Autoclaves for bulk instrument sterilization vacuum (Front loading)		2	
6.	Autoclaves for hand piece sterilization		1	
7.	Apex locators one for every two chairs		2	
8.	Pulp tester		2	
9.	Equipments for injectable thermoplasticized gutta percha		1	
10.	Operating microscopes 3 stepor 5 step magnification		1	
11.	Surgical endo kits (Microsurgery)		2	
12.	Set of hand instruments (specifications required)		1	
13.	Sterilizer trays for autoclave		4	
14.	Ultrasonic cleaner capacity 3.5 lts		1	
15.	Variable Intensity polymerization equipments - VLC units	Desirable	1	
16.	Conventional VLC units one for every two chairs		2	
17.	Needle destroyer		2	
18.	Magnifying loupes one for students and one for faculty		1	
19.	LCD projector		1	
20.	Composite kits with different shades and polishing kits		2	
21.	Ceramic finishing kits, metal finishing kits	In ceramic labs	2	
22.	Amalgam finishing kits		2	
23.	RVG with x-ray machine developing kit		1	
24.	Chair side micro abrasion		1	
25.	Bleaching unit		1	
26.	Instrument retrieval kits		1	
27.	Computer with internet		1	

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	printer and scanner			
28.	Refrigerator		1	
29.	Equipments for casting procedures			
30.	Equipments for ceramics including induction casting machines/ burnout preheat furnaces/ wax elimination furnaces		1	
31.	Lab micro motor/ metal grinders / sand blasters/ polishing lathes/ duplicator equipment/ vacuum investment equipments		1	
32.	Laser (preferably hard tissue)		1	
33.	Face bow with semi adjustable articulator		1	

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DEPARTMENT : ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS


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

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DEPARTMENT : PAEDODONTICS AND PREVENTIVE DENTISTRY

S. No.	NAME	SPECIFICATION	Quantity	Availability
1.	Dental Chairs and Units	Electrically operated with shadowless lamp, spittoon, 3 waysyringe, and motorised suction, micromotor attachment with contra angle miniature handpiece, airotor attachment with miniature handpiece, dental operater stool (40% dental chairs shall be pedo chairs)	One chair and unitper post-graduate student and Two chairs with unit for the faculty	
2.			1 Unit	
3.	Pedo extraction forcepssets		3	
4.	Autoclaves for bulk instrument sterilization vacuum (Front loading)		1	
5.	RVG with intra oral x-rayunit		1	
6.	Automatic developer		1	
7.	Pulp tester		2	
8.	Apex locator		1	
9.	Rubber dam kit	One set per student	1	
10.	Injectable GP condenser		1	
11.	Endodontic pressure syringe		1	
12.	Glass bead steriliser		2	
13.	Spot welder		2	
14.	Ultrasonic scalers		2	
15.	Needle destroyer		1	
16.	Formalin chamber		1	
17.	Ultrasonic cleanercapacity 3.5 lts		1	
18.	X-ray viewer		2	
19.	Amalgamator		1	
20.	Plaster dispenser		2	
21.	Dental lathe		1	
22.	Vibrator		2	

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23.	Typodonts	One set per student	1	
24.	Soldering unit		1	
25.	Band pinching beak pliers		2 Sets	
26.	Proximal contouring pliers		2	
27.	Crown crimping pliers		2	
28.	Double beak pliers anterior and posterior		2	
29.	Lab micro motor		2	
30.	Acryliser		1	
31.	Magnifying loupes		1	
32.	Conscious sedation unit	Desirable	1	
33.	Pulse oxymeter		1	
34.	Phantom head table with attached Light, Airtorand micro motor	One set per each P.G. Student	1	
35.	Computer with internet connection with attached printer and scanner		1	
36.	LCD projector		1	
37.	Refrigerator		1	

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 Yogita Dental College
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YOGITA DENTAL COLLEGE AND HOSPITAL

REGD.NO.MAH/F/-1588/RATNAGIRI

(Recognized by Dental Council of India, New Delhi & Affiliated to Maharashtra University of Health Science, Nashik)

DEPARTMENT OF CONSERVATIVE AND ENDODONTICS

EQUIPMENT UPDATE AND REQUIREMENT LIST-UNDER GRADUATE FOR 100 SEATS		
SR NO	NAME	AVAILABLE
1	DENTAL CHAIRS AND UNITS	34
2	RUBBER DAM KITS	6
3	RESTORATIVE INSTRUMENTS KITS	10
4	RCT INSTRUMENTS KITS	10
5	AUTOCLAVE	3
6	ULTRASONIC CLEANER	2
7	NEEDLE BURNER WITH SYRINGE CUTTER	4
8	AMALGAMATOR	3
9	PULP TESTER-DIGITAL	4
10	APEX LOCATOR	2
11	GLASS BEAD STERILISER	6
12	PLASTER DISPENSERS	2
13	VIBRATOR	2
14	CERAMIC UNIT	1
15	CASTING MACHINE	1
16	INTRA ORAL X-RAY UNIT	1
17	AUTOMATIC DEVELOPER	1
18	RVG	1
19	ENDO MOTOR	1
20	BLEACHING UNIT	1
21	MAGNIFICATION LOUPES	2
22	INJECTABLE GP	2
23	PHANTOM HEAD	60
CHEMICAL LABORATORY		
24	PLASTER DISPENSERS	2
25	MODEL TRIMMER-CARBORUNDUM DISC	1
26	MODEL TRIMMER- DIAMOND DISC	1
27	LATHE	2
28	LAB MICROMOTOR	3
29	ULTRASONIC CLEANER	1
30	SPINDLE GRINDER	1
31	VIBRATOR	2
32	BURNOUT FURNANCE	1
33	PORCELAIN FURNANCE	1
34	SAND BLASTING MACHINE	1
35	LAB AIR ROTOR	1



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36	INDEX SYSTEM	1
37	CIRCULAR SAW	1
38	VACCUM MIXER	1
39	PNEUMATIC CHISEL	1
40	CASTING MACHINE	1
EQUIPMENT UPDATE AND REQUIREMENT LIST-POST GRADUATE (AS PER 1 UNIT)		
SR NO	NAME	AVAILABLE
1	DENTAL CHAIRS AND UNITS	9
2	ENDOSONIC HANDPIECES-TIPS, RETRO TREATMENT	2
3	MECHANISED ROTARY INSTRUMENTS	3
4	RUBBER DAM KIT	9
5	AUTOCLAVE-FRONT LOADING	2
6	AUTOCLAVE-HAND PIECE STERILIZATION	1
7	APEX LOCATOR	2
8	PULP TESTER	2
9	EQUIPMENTS FOR INJECTABLE GP	1
10	OPERATING MICROSCOPES	1
11	SURGICAL ENDO KITS	2
12	SET OF HAND INSTRUMENTS	1
13	STERILIZER TRAYS FOR AUTOCLAVE	4
14	ULTRASONIC CLEANING CAPACITY	1
15	VARIABLE INTENSITY-VLC UNIT	1
16	CONVENTIONAL VLC UNIT (AS PER NEW DCI NORMS)	6
17	NEEDLE DESTROYER	2
18	MAGNIFYING LOUPES	2
19	LCD PROJECTOR	1
20	COMPOSITE KITS	2
21	CERAMIC FINISHING KITS	2
22	AMALGAM FINISHING KITS	2
23	RVG	1
24	CHAIR SIDE MICROABRASION	1
25	BLEACHING UNIT	1
26	INSTRUMENT RETRIEVAL KITS	1
27	COMPUTER WITH INTERNET CONNECTION	1
28	REFRIGERATOR	1
29	EQUIPMENTS FOR CASTING	1
30	EQUIPMENTS FOR CERAMICS	1
31	LAB MICRO MOTOR	1
32	LASER	1
33	FACE BOW WITH SEMI ADJUSTABLE ARTICULATOR	1

