EQUIPMENT REQUIREMENTS

As per Revised BDS Course Regulations, 2007

Department: Oral Medicine and Radiology

	TANGUARUM WARRANIA	Quantity		Details	Adequate /
Name	Specificati on	50 Intake	100 Intake	on College Website	Inadequate
	(Space allocation for each dental chair 100 Sq.Ft. in all the Departments)	77			
Dental Chairs andUnits	Electrically operated, Spittoon attachment, Halogen Light with 2 intensity, Air Ventry Suction, X-Ray viewer, 3 way syringe, instrument tray, Dental Operator's Stool with height adjustment		12	Yes	
Panoramic X- Ray with Cephalometric	Preferably digital	1	I	Yes	
Intra Oral X- ray Unit	70 KV, 8 mA, high frequency preferably Digital timer	2	3	Yes	
Pulp testers	Digital			Yes	
Automatic periapical X-ray Developer		1	I	Yes	
Automatic Panoramic with Cephalometric X- ray Developer		1	I	Yes	
X-ray viewer	For Panoramic and Cephalometric films	- 2	2	Yes	
Radiovisiograph y		ī	1	Yes	
General X-ray Unit		I	1	Yes	
Ortho Pantmograph	Preferably digital	1	1	Yes	
Automatic Developers / Dark Room		1	2	Yes	
Lead aprons		2	2	Yes	
Lead Gloves		1	1	Yes	
X-ray Hangers		6	6	Yes	
X-ray Viewers		2	2	Yes	
Diagnostic Kits	Mouth mirror, dental probe, college tweezers	20	40	Yes	



Lead Screen		I	- 1	Yes	
Biopsy Kit		1	1	Yes	
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	1	2	Yes	
Computers	Minimum Pentium – IV	1	1	Yes	
Intra Oral Camera	With High resolution	1	1	Yes	
Needle Burner with Syringe Cutter		2	2	Yes	



Department: Oral Pathology and Oral Microbiology

Nam e		Quantity		Details	Adamata
	Specificati on	- 50 Intake	100 Intake	on College Website	Adequate / Inadequate
Dental Chairs and Units	With shadowless lamp, spittoon, 3 way syringe, instrument tray and suction	1	2	Yes	
Microscopes		20	40	Yes	
Microtome		1	1	Yes	
Wax bath		1	1	Yes	
Water bath		1	1	Yes	
Knife sharpener		1	1.	Yes	
Hot plate		1	1	Yes	
Spencer Knife		1	1	Yes	



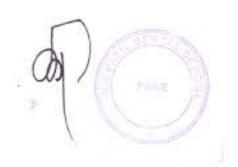
Department: Public Health Dentistry

Department: Public Health Delitistry		Quar	ntity	Details	Adequate /
Nam e	Specificati on	50 Intake	100 Intake	on College Website	Inadequate
nndUnits	Electrically operated, Spittoon attachment, HalogenLight 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 syringe, instrument tray and suction, micromotor, airotor, light cure	8	16	Yes	
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	. 1	2	Yes	
Ultrasonic cleaner	Minimum capacity 13 litres with mesh bucket with digital timer	1	2	Yes	
Needle burner with syringe cutter		2	4	Yes	
MOBILE CLINIC				Yes	
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 withunit	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			Yes	
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	1	1	Yes	
Intraoral x-ray		1	1	Yes	
Glassbead sterilisers		-1	1	Yes	
Compressor	1.25 HP	1	1	Yes	
Metal Cabinet	With wash basin	1	1	Yes	
Portable denta	Suitcase unit with airotor, micromotor, a scaler and compressor 0.25 HP	2	2	Yes	
Stabiliser	4 KV	1	1	Yes	
Generator	4 KV	1	1	Yes	1
Water tank	400 ltrs	1	1	Yes	
Oxygen cylinder		1	1	Yes	
Public address system		1	1	Yes	

any 1

BUILE

TV and video	1	I	Yes	. *
Demonstration models	1	1	Yes	



Department: Paediatric and Preventive Dentistry

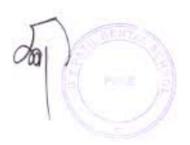
-		Quar		Details	Adequate
Nam e	Specificati on	50 Intake	100 Intake	Website	Inadequate
ndUnits	Electrically operated, Spittoon attachment, HalogenLight with 2 intensity, high power motorized evacuation system, Air rotor with miniature, Airrotor HPS, Micro motor with miniature contrangle Hand piece, 3 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)	2	20	Yes	
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	1	2	Yes	
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	1	2	Yes	
NeedleBurner withsyringe cutter		2	3	Yes	
Amalgamator		1	1	Yes	
Pulp Tester Digital		1	1	Yes	
Rubber dam kit for pedo		3	5	Yes	
Apex locator		1		Yes	
Endo motor	With torque control HPs	1	I I	Yes	
Injectablegutta percha with condensation		1	E	Yes	
Radiovisiogra phy	Digital intra X-ray system with pedo sensor and software	1	1.	Yes	
Intra Oral Camera	With high resolution	1	1	Yes	
Scale instruments		5	10	Yes	
Restorative instruments		5	10	Yes	
Extraction forceps		1	10	Yes	
Intra-oral X- ray Automatic		1	1	Yes	
Developer	NOT Described IV	1	1	Yes	
Computer	Minimum Pentium – IV PEDO LAB	-4		108	
TNI		2	2	Yes	
Plaster dispenser	One each for plaster and stone plaster	0.80		26/50	

Sm)

26/50 Phase

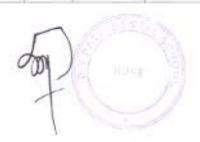
Model Trimmer	With diamond disc	1	1	Yes	
Model Trimmer	Double disc one diamond and one carborandam disc	1	1	Yes	
Welder wit		1	1	Yes	
h soldering attachments					
Vibrator		2	2	Yes	
Lab micro motor	Heavy duty with Hps	2	3	Yes	
Dental Lathe		-1	1	Yes	
Model Trimmer		- 1	1	Yes	

Steam cleaner	1	1	Yes
Pressure moulding machine	1	1	Yes
Carborandum disc	1	1	Yes
Diamond disc	L	1	Yes



Department:	Orthodontics
Department.	CHUMUHHES

	Specific ation	Quantity		Details	Adequate /
Name		50 Intake	100 Intak e	on College Website	Inadequate
Dental Chairs andUnits	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		18	Yes	
Unit mount scaler		3	5	Yes	
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	1	2	Yes	
Ultrasonic cleaner	Minimum capacity 13 litres with mesh bucket with digital timer	1.5	2	Yes	
ORTHO LAB	A STATE OF THE STA			Yes	
Plaster dispenser	One each for plaster and stone plaster	2	2	Yes	
Vibrator	187	-2	2	Yes	
Model Trimmer		1	2	Yes	
Micromotor	Heavy duey	2	4	Yes	
Lathe		1	2	Yes	
X-ray viewers		2	2	Yes	
OPG with cephalostat	If available in radiology its is adequate	1		Yes	
Welders		-2	4	Yes	
Blue Torch		1	1	Yes	
Base Formers		2	4	Yes	
Typodont		- 2	4	Yes	
Set of pliers		5	10	Yes	
Welder with soldering attachments		Į.	31.	Yes	
Hydro solder		1	1	Yes	
Typhodont articulator	With metal teeth wax rim of Class I, II,	3	4	Yes	
Pressure moulding machine		1	1	Yes	

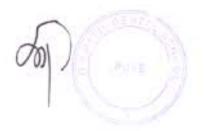


Departme	nt: Periodontology	Quai	ntity	Details	Adequate / Inadequate
Name	Specification	MODEL STATE	100 Intake	on College Website	
andUnits	Electrically operated, Spittoon attachment, Halogen Light with 2 intensity, high power evacuation system, Air Ventury suction, X- ray viewer, Airrotor, Micromotor with straight and contrangle Handpiece, with shadowless lamp, spittoon, 3 way syringe, Ultrasonic sealer with 3 tips, X-ray viewer, instrument tray Dental Operators stool with height adjustment	*	34	Yes	
Scaling Instrument sets		5	10	Yes	
Surgical		3	6	Yes	
nstrument sets Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	3	Yes	
Ultrasonic scaler	Minimum capacity 13 litres with mesh bucket	1	2	Yes	
Electro surgic al cautery		1	1	Yes	
Needle burne r with syrin gecutter		4	6	Yes	
LASER	Soft tissue laser	1	1	Yes	
Surgical motor with phys odispenser		1	1	Yes	



Department: Conservative Dentistry and Endodontics

Nam e	Specificati on	Quantity		Details	Adaminto
			100 Intake	Website	Adequate Inadequate
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 Operators stool with height adjustment		-34	Yes	
Rubber dam kits	Productive Sam Mar.	4	6	Yes	
Restorative instruments kits		5	10	Yes	
R.C.T. instrument kits		5	10	Yes	
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	3	Yes	
Ultrasonic cleaner	Minimum capacity 13 litres with mesh bucket	1	2	Yes	
Needle Burn er with Syrin geCutter		3	4	Yes	
Amalgamator	With auto proportion, auto dispenser	2	3	Yes	
Rubber dam kits		4	6	Yes	
Pulp Tester Digital		2	141	Yes	
Apex locator		1	2	Yes	
Glass bead		- 4	6	Yes	



sterilizers				Yes	
Plaster dispenser		2	2	Yes	
Vibrator		1	2	Yes	
Ceramic Unit		-1	1	Yes	
Casting machine		1	1	Yes	
Intra-oral X- ray Unit	Proper radiation safety	- 1	1	Yes	
Automatic Developer		1	1	Yes	
Radiovisiogra phy	RVG with Computer	1	01	Yes	
Endo motor	With torque control Hps	1	-1	Yes	
Bleaching Unit		-1	1	Yes	
Magnification loops		I	2	Yes	
Injectable gutt apercha		1	2	Yes	
PHANTOM L ABUNIT	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	Yes	

Chemical Laboratory

	Laboratory	Quai	ntity	Details	A Januara
Nam e	Specificati on	50 Intake		on College Website	Adequate / Inadequate
Plaster Dispenser	One each for plaster and stone plaster	2	2	Yes	
Model Trimmer	Carborandum disc	1	1	Yes	
	Diamond disc	1	1	Yes	
Lathe	Heavy Duty	1	2	Yes	
Lab Micromotor	With heavy duty handpiece	2	3	Yes	
Ultrasonic cleaner	Minimum capacity 5 litres		1	Yes	
Spindle Grinder		-1		Yes	
Vibrator		1	2	Yes	
Burnout furnace		1		Yes	
Porcelain furnace		1	1	Yes	
Sandblasting Machine		1	1	Yes 31/50	9

Lab Airotor		1	1	Yes	
Pindex System		1	- 1	Yes	
Circular saw		1	1	Yes	
Vacuum mixer		1	1	Yes	
Pnematic chisel	Testing to the second s	1	-1	Yes	
Casting machine	Motor cast / induction casting preferred	1	1	Yes	



Department: Oral & Maxillofacial Surgery A) Exodontia

A) Exodontia			ntity	Details	Adequate
Nam e	Specificati on	50 Intake	100 Intake	Website	Inadequate
Dental Chairs andUnits	Electrically operated, Spittoon attachment, HalogenLight with 2 intensity, Air Ventury suction, X-ray viewer, 3 way syringe, instrument tray Dental Operators stool and height adjustment and suction, Micromotor / Airotor		30	Yes	
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	2	Yes	
Ultrasonic cleaner	Minimum capacity 13 litres with mesh bucket	1	2	Yes	
Needle Burner with Syringe Cutter		4	6	Yes	
Extraction forceps sets	Complete set	10	20	Yes	
Dental elevators	Complete set	5	10	Yes	
Minor Oral Surgery kits		3	6	Yes	
Emergency drugs tray		1	1.	Yes	
Oxygen cylind er with mask		1	1	Yes	
X-ray viewers		2	2	Yes	
Computer	Minimum Pentium – IV	1	1	Yes	

R) Minor Surgery

B) Millor Surgery		Quantity		Details	Adagnata /
Name	Specification	50 Intake	100 Intake	on College Website	Adequate / Inadequate
Dental Chairs andUnits	Electrically operated, Spittoon attachment, Halogen Light with 2 intensity, high power evaculation system, Air ventury suction, X-ray viewer, Airrotor, Micromotor with straight and contra-angle Handpiece, 3 way syringe, instrument tray Dental Operators stool and height adjustment and suction.		5	Yes	

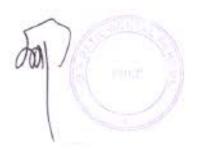


Department: Prosthodontics and Crown & Bridge

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 Operators stool with height adjustment With face bow adjustable articulator Extra oral / intraoral tracer Dewaxing unit 2 Yes Demandachine Was burnout furnace Pre heating furnace Pr	222-05	0-792-337	Qua		Details	Adequate /
andUnits 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 Operators stool with height adjustment Semi-adjustable articulator Extra oral / intraoral tracer Dewaxing unit Curing unit 1 2 Yes Dental casting machine Wax burnout furnace Wax burnout furnace Pre heating furnace Surveying unit Lab micromotors Heavy duty hand piece Autoclave Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters Needle Burner with Syrin geCutter Plaster dispenser Model Trimmer with Carborandum disc Model Trimmer rwith Carborandum disc Model Trimmer with diamond disc Acryliser	Name	Specification	50 Intake	100 Intake	the state of the s	Inadequate
Semi- adjustable articulator		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 Operators		34	Yes	
Intraoral tracer Dewaxing unit 1	adjustable		2.	2	Yes	
Dental casting machine			2	2	Yes	
Dental casting machine	Dewaxing unit		1	2	Yes	
machine Wax burnout furnace Pre heating furnace Surveying unit Heavy duty hand piece Autoclave Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters Needle Burner with Syrin geCutter Plaster dispenser Model Trimme rwith Carborandum disc Model Trimmer with diamond disc Acryliser Acryliser Lathe 1 1 2 Yes 1 2 Yes 2 2 Yes 2 2 Yes 3 4 Yes 4 Yes	Curing unit		- 1	2	Yes	
furnace Pre heating furnace Surveying unit Heavy duty hand piece Autoclave Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters Needle Burner with Syrin geCutter Plaster dispenser Model Trimme rwith Carborandum disc Model Trimmer with diamond disc Acryliser Acryliser Acryliser Lathe Trimace Pres heating furnace 1 2 Yes Yes 1 2 Yes Yes 1 1 2 Yes Yes 1 1 2 Yes Yes 1 2 Yes Yes 1 1 2 Yes Yes			1	1	Yes	
furnace Surveying unit Heavy duty Heavy duty piece Autoclave Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters Needle Burner with Syrin geCutter Plaster dispenser Model Trimme rwith Carborandum disc Model Trimmer with diamond disc Acryliser Acryliser Lathe 1 2 Yes Yes Yes Yes Yes Yes Yes Yes			1	1	Yes	
Heavy duty hand piece Autoclave Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters Needle Burner with Syrin geCutter Plaster dispenser Model Trimme rwith Carborandum disc Model Trimmer with diamond disc Acryliser Acryliser Lathe	furnace		127	100	Yes	
hand piece Autoclave Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters Needle Burner with Syrin geCutter Plaster dispenser Model Trimme rwith Carborandum disc Model Trimmer with diamond disc Acryliser Acryliser Lathe 1 2 Yes Yes Yes Yes Yes Yes Yes Yes	Surveying unit		1	2	Yes	
achieve 135°C with minimum capacity of 20 liters Needle Burner with Syrin geCutter Plaster dispenser Model Trimme rwith Carborandum disc Model Trimmer with diamond disc Acryliser Lathe	hand	Lab micromotors	3	4	Yes	
Needle Burner	Autoclave	achieve 135°C	1	2	Yes	
Model	with Syrin		1	2	Yes	
Model 1 1 Yes Trimme 2 Yes Model 1 2 Yes Trimmer with diamond disc Acryliser 2 3 Yes Lathe 1 2 Yes		One each for plaster and stone plaster	2	2	Yes	
Model 1 2 Yes Trimmer with diamond disc Acryliser 2 3 Yes Lathe 1 2 Yes	Model Trimme rwith Carborandum			1	Yes	
Acryliser 2 3 Yes Lathe 1 2 Yes	Model Trimmer with diamond		J	2	Yes	
Lathe 1 2 Yes			2	3	Voc	
	and the contract of the same area. I do not seem to be a		1			7.30
ETANK HIERK	Flask press		4	4	Yes Yes	100

Im)

Deflasking unit		4	4	Yes
Dewaxing unit		2	3	Yes
Hydraulic Press		2	3	Yes
Mechanical Press		1	2	Yes
Vacuum mixing machine		1	1	Yes
Lab Micro motor	With heavy duty handpiece	3	4	Yes
Curing pressur e pot		1	1	Yes
Porcelain furnace		1	2	Yes
Vibrator		- 1	2	Yes
Sandblasting unit		2	2	Yes
Ultrasonic cleaner		1	2	Yes
Model Trimmer		2	4	Yes
Hot water sterilizer		1	2	Yes
Geyser	Compound bath	1	2	Yes
H.P. grinder with suction		2	3	Yes
Heavy duty lathe		2	2	Yes
Phantom heads		50	50	Yes
Pre-clinical working tables	Gas connection & Bunsen burner	50	100	Yes

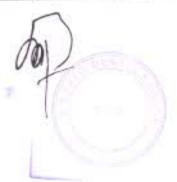


Ceramic and Cast Partial Laboratory

	8 82 82	Quar		Details	Adequate /
Name	Specification	50 Intake	100 Intak e	on College Website	Inadequate
Plaster dispenser	One each for plaster and stone plaster	2	2	Yes	
Duplicator		1	1	Yes	
Pindex System		1	1	Yes	
Circular saw		- 1	1	Yes	
Burnout furnace		-21	1	Yes	
Sandblasting Machine	With two containers	- 1	1	Yes	
Electro polisher		1	1	Yes	
Model Trimmer with Carborandum disc		1	1	Yes	
Model Trimmer with diamond disc		1	1	Yes	
Induction casting machine		- 1	- 1	Yes	
Programmable porcelain furnace with vacuum pump with instrument kit andmaterial kit		1	I	Yes	
Spot welder with soldering attachment of cable		-1	1	Yes	
Vacuum mixing machine		- 1	1	Yes	
Steam Cleaner		1	1	Yes	
Spindle Grinder 24000 rpm with vacuum suction		1	1	Yes	
Wax heater		1	- 1	Yes	
Wax carver		1	1	Yes	
Curing pressure pot		1	1	Yes	-
Milling machine		1	1	Yes	
Heavy duty lathe with suction		1	1	Yes	
Preheating furnace		. 1	1	Yes	
Palatal trimmer	14041	1	1	Yes	
Ultrasonic cleaner	5 liters capacity	1	1	Yes	
Composite curing unit		1	1	Yes	
Micro surveyor		1	1	Yes	
Pre-clinical Prosthetic Laboratory	Work table preferably complete stainless stee fitted with light, Bunser burner, air blower working stool. Adequate number of lab micromotor with attached hand piece.	10	20	Yes	
Plaster room for pre-clinical				Yes	



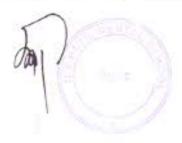
Plaster dispenser	One each for plaster and stone	2	2	Yes	
Vibrator		2	2	Yes	
Lathe		2	2	Yes	
Model Trimmer		- 1	1	Yes	
Carborandum Disc		1	1	Yes	
Diamond disc		1	1	Yes	



Nam e	Specification		intity	Details on College Website	Adequate / Inadequate
Dental Chairs and Units	Electrically operated with shadowless lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor, airotor attachment with hand pieces	& unit per post- graduate		Yes	
		I Unit	2 Units		
ENDOSONIC HANDPIECES – Micro endosonic Tips, retro treatment		2 .	3	Yes	
Mechanised rotary instruments includinghand pieces (speed and torque control) and hand instruments various systems		-3	6	Yes	
Rubber dam kit		1 per chair	1 per chair		
Autoclaves for bulk instrument sterilizationvacuum (Front loading)		2	3	Yes	
Autoclaves for hand piece sterilization		- 1.	1	Yes	
Apex locators one for every two		2	4	Yes	
Pulp tester		2	4	Yes	
Equipments for injectable thermoplasticized gutta percha		31	2	Yes	
Operating microscopes 3 step or 5 step magnification		4	1	Yes	
Surgical endo kits (Microsurgery)		2	2	Yes	
Set of hand instruments (specifications required)		1	2	Yes	
Sterilizer trays for autoclave		4	4	Yes	
Ultrasonic cleaner capacity 3.5 lts		110	1	Yes	
Variable Intensity polymerization equipments - VLC units	Desirable	1	1	Yes	
Conventional VLC units one for every two		2	4	Yes	

38/50

Chairs				
Needle destroyer	2	2	Yes	
Magnifying loupes one for students and one for faculty	-1	2	Yes	
.CD projector	1	-1	Yes	
Composite kits with different shades and polishing kits	2	4	Yes	
Ceramic finishing kits, metal finishing In ceramic labs		3	Yes	
Amalgam finishing kits	2	3	Yes	
RVG with x-ray machine developing kit	1	1	Yes	
Chair side micro abrasion	1	1	Yes	
Bleaching unit	1	1	Yes	
Instrument retrieval kits	1	1	Yes	
Computer with internet connection with attached printer and scanner	1	1	Yes	
Refrigerator	1	1	Yes	
Equipments for casting procedures			44.5	
Equipments for ceramics including induction casting machines/ burnout preheat furnaces/wax elimination furnaces	.1	1	Yes	
Lab micro motor/ metal grinders / sand blasters/ polishing lathes/ duplicator equipment/ vacuum investment equipments	1	1	Yes	
Laser (preferably hard tissue)	1	1	Yes	
Face bow with semi adjustable articulator	1	2	Yes	



Department: Orthodontics and Dentofacial Orthopedics

Name	Specification	Quantity One chair &		Details on College Website	Adequate / Inadequate
Dental Chairs and Units	Electrically operated with shadow less lamp, spittoon, 3 way syringe, instrument tray and motorized suction				
		1 Unit	2 Units	-	
Vacuum/pressure moulding unit		1	1	Yes	
Hydrogen soldering unit			1	Yes	
Lab micromotor		3	5	Yes	
Spot welders		3	. 5	Yes	
Model trimmer (Double disc)		2	3	Yes	
Light curing unit		2	2	Yes	
High intensity light curing unit		1	2	Yes	
Polishing lathes		2	3	Yes	
Tracing tables		3	5	Yes	
SLR digital camera		1	- 1	Yes	
Scanner with transparency adapter	/-	1	1	Yes	
X-ray viewer		3	4	Yes	
LCD projector		1	1	Yes	
Autoclaves for bulk instrument Sterilization vacuum (Front loading)		- <u>1</u>	1	Yes	
Needle destroyer		1		Yes	
Dry heat sterilizer		1	1	Yes	fi
Ultrasonic scaler		1	-1	Yes	
Sets of Orthodontic pliers		3	- 3	Yes	
Orthodontic impression trays		3	- 5	Yes	
Ultrasonic cleaner capacity 3.5 lts		I	-1	Yes	
Electropolisher		- 1	- 1	Yes	
Typodonts with full teeth set		3	3	Yes	
Anatomical articulator with face bow attachments		1	1	Yes	
Free plane articulators		1	- 1	Yes	
Hinge articulators		4	4	Yes	
Computer software for cephalometrics		-1	1	Yes	
Computer with internet connection with attached printer and scanner		1	1	Yes	
Refrigerator		1	1	Yes	

Department: Paediatric and Preventive Dentistry

Name	Specification	Quantity One chair and unit per post-graduate student and Two chairs with unit for the faculty		Details on College Website	Adequate / Inadequate
Dental Chairs and Units	Electrically operated with shadowless lamp, spittoon, 3 way syringe, and motorised suction, micromotor attachment with contra angle miniature handpiece, airotor attachment with miniature handpiece, dental operaters tool (40% dental chairs shall be pedo chairs)				
Pedo extraction forceps sets		3	4	Yes	
Autoclaves for bulk instrument sterilization vacuum (Front loading)		18	2	Yes	
RVG with intra oral x-ray unit		1		Yes	
Automatic developer		1		Yes	
Pulp tester		2	3	Yes	
Apex locator		1	-1	Yes	
Rubber dam kit	One set per student	1	1	Yes	
Injectable GP condenser		1	1	Yes	
Endodontic pressure syringe		1	1	Yes	
Glass bead steriliser		2	4	Yes	
Spot welder		2	3	Yes	-
Ultrasonic scalers		2	4	Yes	
Needle destroyer		1	1	Yes	
Formalin chamber		1	1	Yes	
Ultrasonic cleaner capacity 3.5 lts		1	1	Yes	
X-ray viewer		2	3	Yes	
Amalgamator		1	2	Yes	
Plaster dispenser		2	2	Yes	
Dental lathe		1	2	Yes	
Vibrator		2	3	Yes	
Typodonts	One set per student	- 1	1	Yes	



Soldering unit		1	1	Yes
Band pinching beak pliers		2 Sets	2 Sets	Yes
Proximal contouring pliers		2	3	Yes
Crown crimping pliers		2	3	Yes
Double beak pliers anterior and posterior		2	3	Yes
Lab micro motor		2	3	Yes
Acryliser		1	2	Yes
Magnifying loupes		1	1	Yes
Conscious sedation unit	Desirable	341	1	Yes
Pulse oxymeter		1	1	Yes
Phantom head table with attached Light, Airotor and micro motor	One set per each P.G. Student	1	1	Yes
Computer with internet connection with attached printer and scanner		1	1	Yes
LCD projector		1	1	Yes
Refrigerator		- 1	1	Yes



















