### EQUIPMENT REQUIREMENTS

As per Revised BDS Course Regulations, 2007

# Department: Oral Medicine and Radiology

Name	Smark!		ntity	Details on	A.I
	Specification	50 Intake	100 Intake	College Website	Adequate / Inadequate
	(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 Ventry Suction, X-Ray viewer, 3 way syringe, instrument tray, Dental Operator's Stool with height adjustment	6	12	12	Adequate
Panoramic X-Ray with Cephalometric	Preferably digital	1	1	1	Adequate
Intra Oral X-ray Unit	70 KV, 8 mA, high frequency preferably Digital timer	2	3	3	Adequate
Pulp testers	Digital				
Automatic periapical X-ray Developer		1	1	1	Adequate Adequate
Automatic Panoramic with Cephalometric X- ay Developer		1	1	1	Adequate
K-ray viewer	For Panoramic and Cephalometric films	2	2	2	
Radiovisiography [	Digital Intra X-ray system with one Sensor and Software	1	1	2	Adequate Adequate
General X-ray Jnit		1	1	1	Adequate
Ortho F antmograph	Preferably digital	1	1	1	Adequate
utomatic evelopers / Dark oom		1	2	2	Adequate
ead aprons		2	2	2	
ead Gloves		1	1	2	Adequate
ray Hangers		6		1	Adequate
ray Viewers		2	6 2	6	Adequate .
iagnostic Kits 🛛 🛛	louth mirror, dental probe, college tweezers	20	40		Adequate
ad Screen		1	1	40	Adequate
opsy Kit		1	1	1	Adequate
W	aving wet and dry cycle, which can achieve 135°C ith minimum capacity of 20 liters	1	2	2	Adequate Adequate
omputers M	linimum Pentium – IV	1	1	1	Adequate ·
	/ith High resolution	1	1		Adequate
eedle Burner th Syringe utter		2	2		Adequate

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

### Department: Public Health Dentistry

Name	Specification	Quantity		Details on	
Name		50	100	College	Adequate /
		Intake	Intake	Website	Inadequate
Dental Chairs and Units	Electrically operated, Spittoon attachment, Halogen	8	16	16	Adequate
Units	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 syringe, instrument tray and suction,				
Autoclaves	micromotor, airotor, light cure	A.			
Autociaves	Having wet and dry cycle, which can achieve 135°C	1	2	2	Adequate
Jltrasonic cleaner	with minimum capacity of 20 liters				•
ont asonic cleaner	Minimum capacity 13 litres with mesh bucket with digital timer	1	2	2	Adequate
Needle burner		2	4	4	Adaguata
vith syringe		-	4	4	Adequate
cutter					
MOBILE CLINIC					Adequate
Nobile dental van	Mobile dental van with two dental chairs with all the				Adequate
	attachments and adequate sitting space for 15 to 20				Adequate
	people				
ental chair with	Hydraulically operated with spittoon attachment,	2			Adequate
init	halogen light with 2 intensity, air ventury suction.				Aucquate
	airrotor, micromotor, 3 way-scaler and light cure, x-				
	ray viewer, instrument tray, operating stool				
utoclaves	Having wet and dry cycle, which can achieve 135°C	1	1	1	Adequate
	with minimum capacity of 20 liters		-	-	Adequate
ntraoral x-ray	Portable, 70 KV, 8 mA	1	1	1	Adequate
lass bead		1	1	1	Adequate
terilisers			-	-	Adequate
ompressor	1.25 HP	1	1	1	Adequate
letal Cabinet	With wash basin	1	1	1	Adequate
ortable dental	Suitcase unit with airotor, micromotor, scaler and	2	2	2	Adequate
	compressor 0.25 HP		-	2	Aucquate
	4 KV	1	1	1	Adequate
	4 KV	1	1	1	Adequate
	400 ltrs	1	1	1	Adequate
xygen cylinder		1	1	1	Adequate
ublic address		1 (	1	1	Adequate
stem			d.		Incquate

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### Department: Oral Pathology and Oral Microbiology

IV and video cassette player	1	1	1	Adequate
Demonstration models	1	1	1	Adequate
models				racquate

# Department: Paediatric and Preventive Dentistry

		0.13	intity	Details on	
Name	Specification		100	College	Adequate
		50 Intake	Intake	Website	Inadequate
	Electrically operated, Spittoon attachment, Haloger 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,	10	20	20	Adequate
a	nstrument tray Dental Operator'sstool with height adjustment (Pedo chair preferred)				
v	laving wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	1	2	2	Adequate
d	Ainimum capacity 13 liters with mesh bucket with ligital timer	1	2	2	Adequate
Needle Burner with syringe cutter		2	3	3	Adequate
Amalgamator		1	1		
Pulp Tester Digital		1	1	1	Adequate
Rubber dam kit		3	5	1	Adequate
for pedo		5	5	5	Adequate
Apex locator		1	1	1	Adamusta
	/ith torque control HPs	1	1	1	Adequate Adequate
Injectable gutta percha with condensation	8 A	1	1	1	Adequate
SO	gital intra X-ray system with pedo sensor and ftware	1	1	1	Adequate
ntra Oral Camera W	ith high resolution	1	1	1	
cale instruments		5	10	1 10	Adequate
Restorative		5	10		Adequate
nstruments		5	10	10	Adequate
xtraction forceps		5	10	10	Adequate
ntra-oral X-ray		1	1	10	Adequate
utomatic eveloper		1	1	1	Adequate
omputer				-	Adequate
omputer	Minimum Pentium – IV	1	1	1	Adequate
laster dispenser On	PEDO LAB				
	e each for plaster and stone plaster th diamond disc	2	2	2	Adequate
		1	1		Adequate
/elder with	uble disc one diamond and one carborandam disc	1	1		Adequate
oldering tachments		1	1		Adequate
brator		2	2	2	Adagusts
b micro motor Hea ental Lathe	avy duty with Hps	2	3		Adequate Adequate
odel Trimmer		1	1		Adequate Adequate
odernimmer		1	f		Adequate

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Steam cleaner	1			
Pressure	1	1	1	Adequate
moulding machine	1	1	1	Adequate
Carborandum disc	1	1	1	Adequate
Diamond disc	1	1	1	Adequate

#### Department: Orthodontics

Name		Qua	ntity	Details on	
Name	Specification	50	100	College	Adequate /
Dontal Chains and		Intake	Intake	Website	Inadequate
Units	Electrically operated, Spittoon attachment, Halogen	9	18	18	Adequate
Onits	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				
Unit mount scale					
Autoclave		3	5	5	Adequate
	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	1	2	2	Adequate
Ultrasonic cleaner	Minimum capacity 13 litres with mesh bucket with				
cicalici	digital timer	1	2	2	Adequate
ORTHO LAB			1		
Plaster dispenser	One each for plaster and stone plaster				Adequate
Vibrator	one each for plaster and stone plaster	2	2	2	Adequate
Model Trimmer		2	2	2	Adequate
Micromotor	Heavy duey	1	2	2	Adequate
Lathe		2	4	4	Adequate
X-ray viewers		1	2	2	Adequate
	If available in radiology its is adequate	2	2	2	Adequate
cephalostat	in available in radiology its is adequate	1	1	1	Adequate
Welders					
Blue Torch		2	4	4	Adequate
Base Formers		1	1	1	Adequate
ypodont		2	4	4	Adequate
et of pliers		2	4	4	Adequate
Velder with		5	10	10	Adequate
oldering		1	1	1	Adequate
ttachments					(2. <b>#</b> )
lydro solder					
	With metal teeth wax rim of Class I, II, III	1	1	1	Adequate
rticulator	Class I, II, III	3	4	4	Adequate
ressure					
noulding		1	1	1	Adequate
nachine					



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### Department: Periodontology

Na	me		Quantity	Details on		
ING	me	Specification	50	100	College	Adequate /
Dental C	hairs and		Intake	Intake	Website	Inadequate
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	N.	34	34	Adequate
Scaling			5	10	10	
instrumer	nt sets		5	10	10	Adequate
Surgical instrumer	nt sets		3	6	6	Adequate
Autoclave		Having wet and dry cycle, which can achieve 135 <sup>°</sup> C with minimum capacity of 20 liters	2	3	3	Adequate
Jltrasonic	scaler	Minimum capacity 13 litres with mesh bucket	1	2	2	Adamusta
autery	surgical		1	1	1	Adequate Adequate
Veedle vith utter	burner syringe		4	6	6	Adequate
ASER		Soft tissue laser	1	1	1	Adaguata
urgical /ith ispenser	motor physio		1	1	1	Adequate Adequate

# Department: Conservative Dentistry and Endodontics

Name			ntity	<b>Details on</b>	
Name	Specification	50	100	College	Adequate /
Dental Chairs and	Electrically and the	Intake	Intake	Website	Inadequate
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,		34	34	Adequate
	Ultrasonic sealer with 3 tips, X-ray viewer, instrument tray Dental Operators stool with height adjustment				
Rubber dam kits		4	6	6	
Restorative		5		6	Adequate
instruments kits		5	10	10	Adequate
R.C.T. instrument kits		5	10	10	Adequate
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	3	3	Adequate
Ultrasonic cleaner	Minimum capacity 13 litres with mesh bucket	1	2	2	
Needle Burner with Syringe Cutter		3	4	2 4	Adequate Adequate
Amalgamator	With auto proportion, auto dispenser	2	3	2	
lubber dam kits		4	6	3	Adequate
ulp Tester Digital		2	4	6	Adequate
pex locator		1		4	Adequate
ilass bead		4	2	2	Adequate
		4	6	6 20/50	Adequate

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sterilizers					
Plaster dispenser		2	2	2	Adequate
Vibrator		1	2	2	
Ceramic Unit		1	1	1	Adequate
Casting machine		1	1	1	Adequate
Intra-oral X-ray Unit	Proper radiation safety	1	1	1	Adequate Adequate
Automatic Developer		1	1	1	Adequate
Radiovisiography	RVG with Computer	1	1	1	Adamusta
Endo motor	With torque control Hps	1	1	1	Adequate
Bleaching Unit		1	1	1	Adequate
Magnification loops		1	2	2	Adequate Adequate
njectable gutta percha		1	2	2	Adequate
JNIT	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	60	Adequate

#### **Chemical Laboratory**

	522 (0.021) VY	Qua	Quantity		
Name	Specification	50 Intake	100 Intake	Details on College Website	Adequate / Inadequate
Plaster Dispenser	One each for plaster and stone plaster	2	2	2	Adequate
Model Trimmer	Carborandum disc	1	1	1	Adequate
	Diamond disc	1	1	1	Adequate
Lathe	Heavy Duty	1	2	2	Adequate
Lab Micromotor	With heavy duty handpiece	2	3	3	Adequate
Ultrasonic cleaner	Minimum capacity 5 litres	1	1	1	Adequate
Spindle Grinder		1	1	1	Adequate
Vibrator		1	2	2	Adequate
Burnout furnace		1	1	1	
Porcelain furnace		1	1	1	Adequate
Sandblasting Machine		1	1	1	Adequate Adequate
Lab Airotor		1	1	1	Adequate
Pindex System		1	1	1	Adequate
Circular saw	-	1	1	1	Adequate
/acuum mixer		1	1	1	Adequate
Pnematic chisel		1	1	1	Adequate
Casting machine	Motor cast / induction casting preferred	1	1	1	Adequate

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# Department: Oral & Maxillofacial Surgery

A) Exodontia

Name		Quantity		Details on	
Name	Specification		100	College	Adequate /
Dontal Chains		Intake	Intake	Website	Inadequate
Units	Electrically operated, Spittoon attachment, Halogen Light with 2 intensity, Air Ventury suction, X-ray viewer, 3 way syringe, instrument tray Dental Operators stool and height adjustment and suction,		30	30	Adequate
	Micromotor / Airotor				
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	2	2	Adequate
Ultrasonic cleaner	Minimum capacity 13 litres with mesh bucket	1	2	2	Adequate
Needle Burner with Syringe Cutter		4	6	6	Adequate
Extraction forceps	Complete set				
sets	complete set	10	20	20	Adequate
Dental elevators	Complete set	5	10	10	
Minor Oral Surgery kits		3	6	6	Adequate Adequate
mergency drugs ray		1	1	1	Adequate
oxygen cylinder vith mask		1	1	1	Adequate
-ray viewers		2	2	2	
omputer	Minimum Pentium – IV	1	1	2	Adequate Adequate

#### B) Minor Surgery

Name			ntity	Details on	Adequate / Inadequate
	Specification 50	100	College		
Units	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	5	Adequate

# Department: Prosthodontics and Crown & Bridge

Name			ntity	<b>Details on</b>	
	Specification	50 Intake	100 Intake	College Website	Adequate / Inadequate
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	17	34	34	Adequate
	With face bow	2	2	2	Adequate
Extra oral / intra oral tracer		2	2	2	Adequate
Dewaxing unit		1	2	2	Adequate
	Dear	-		22/50	)

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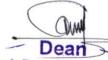
Curing unit Dental casting	1	2	2	Adequate
machine	1	1	1	Adequate
Wax burnout furnace	1	1	1	Adequate
Pre heating furnace	1	1	1	Adequate
Surveying unit	1	2		
Heavy duty hand Lab micromotors	3	2	2	Adequate
piece	5	4	4	Adequate
Autoclave Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	1	2	2	Adequate
Needle Burner with Syringe Cutter	1	2	2	Adequate
Plaster dispenser One each for plaster and stone plaster	2	2	2	Adamusta
Model Trimmer with Carborandum disc	1	1	1	Adequate Adequate
Model Trimmer with diamond . disc Acryliser	1	2	2	Adequate
Lathe	2	3	3	Adequate
Flask press	1	2	2	Adequate
Deflasking unit	4	4	4	Adequate
Dewaxing unit	4	4	Yes	Adequate
Hydraulic Press	2	3	3	Adequate
Mechanical Press	2	3	3	Adequate
	1	2	2	Adequate
nachine	1	1	1	Adequate
, and indiracion	3	4	4	Adequate
ot	1	1	1	Adequate
orcelain furnace ibrator	1	2	2	Adequate
	1	2	2	Adequate
andblasting unit Itrasonic cleaner	2	2	2	Adequate
10del Trimmer	1	2	2	Adequate
	2	4	4	Adequate
erilizer	1	2	2	Adequate
eyser Compound bath	1	2	2	
.P. grinder with	2	3	2	Adequate
iction	-	5	3	Adequate
eavy duty lathe	2	2	2	Adamata
hantom heads	50	50	2 50	Adequate
e-clinical Gas connection & Bunsen burner	50	100		Adequate
orking tables		100	100	Adequate

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### Ceramic and Cast Partial Laboratory

Nome	a second a	Qua	ntity	Details on	
Name	Specification	50	100	College	Adequate / Inadequate
Plaster dispenser	One each family is a	Intake	Intake	Website	madequate
	One each for plaster and stone plaster	2	2	2	Adequate
Duplicator		1	1	1	
Pindex System		1	1	1	Adequate
Circular saw		1	1	1	Adequate
Burnout furnace		1	1	1	Adequate
Sandblasting Machine	With two containers	1	1	1	Adequate
Electro polisher		1		1	Adequate
Model Trimmer with Carborandum disc			1	1	Adequate
Model Trimmer with diamond disc	-	1	1	1	Adequate
Induction casting machine		1	1	1	Adequate
Programmable porcelain furnace with		1	1	1	Adequate
vacuum pump with instrument kit and material kit		1	1	1	Adequate
	20				
Spot welder with soldering attachment of cable		1	1	1	Adequate
/acuum mixing machine		1	1	1	Adequate
Steam Cleaner		1	1	1	Adequate
pindle Grinder 24000 rpm with		1	1	1	Adequate
vacuum suction					Aucquate
Vax heater		1	1	1	Adequate
Vax carver		1	1	1	Adequate
Curing pressure pot		1	1	1	Adequate
Ailling machine		1	1	1	Adequate
leavy duty lathe with suction		1	1	1	Adequate
reheating furnace		1	1	1	
alatal trimmer		1	1	1	Adequate
Iltrasonic cleaner	5 liters capacity	1	1	1	Adequate
omposite curing unit		1	1		Adequate
1icro surveyor		1	1	1	Adequate
re-clinical Prosthetic Laboratory	Work table preferably	30	60	1	Adequate
	complete stainless steel fitted	50	60	60	Adequate
	with light, Bunsen burner, air	10	20	20	
	blower, working stool.	10	20	20	
	Adequate number of lab micro				
	motor with attached hand				
	piece.				
aster room for pre-clinical work					
a at a will a	One each for plaster and stone	2	2		Adequate .
brator	and stone	2	2	2	Adequate
the		2	2	2	Adequate
odel Trimmer		2	2	2	Adequate
rborandum Disc		1	1		Adequate
amond disc		1	1	1	Adequate
		1	1	1	Adequate



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### EQUIPMENT REQUIREMENTS

#### As per MDS Course Regulations, 2017

# Department: Prosthodontics and Crown & Bridge

Name Electrical Dental Chairs and Units	Specification		antity	Details or College Website	Adequate
Lectrical Dental Chairs and Units	motorized suction micromotor and airoto	e, unit d studer , two ch	per PG nt and airs with for the		Adequate
Articulators cominations III (		1 Unit	2 Units		
Articulators – semi adjustable/ adjustable with face bow		6	12	6	Adequate
Micromotor – (Lab Type can also be attached (fixed) to wall Ultrasonic scaler		2	4	2	Adequate
Light cures		2	2	2	Adequate
Hot air oven		2	2	2	Adequate
Autoclave		1	1	1	Adequate
Surveyor		2	2	2	Adequate
Refrigerator		2	2	2	Adequate
X-ray viewer		1	1	1	Adequate
Pneumatic, Crown bridge remover		1	2	1	Adequate
Needle destroyer		2	3	2	Adequate
Intra oral camera		1	2	1	Adequate
Digital SLR camera		1	1	1	Adequate
		1	1	1	Adequate
Computer with internet connection with attached printer and scanner LCD projector		1	1	1	Adequate
		1	1	1	Adequate
Clinical Lab for Prosthe	etics				
Model trimmer with carborandum Disc		2	2	2	Adequate
Model trimmer with diamond disc		1	2	2	Adequate
High speed lathe		1	2	2	Adequate
/ibrator		2	3	3	Adequate
Acrylizer		2	4	4	Adequate
Dewaxing unit		1	2	2	Adequate
Hydraulic press		1	2	2	Adequate
Mechanical press		1	1	1	Adequate
/acuum mixing machine		1	1	1	Adequate
Aicro motor lab type		1	1		Adequate
Curing pressure pot		2	3		Adequate
Pressure molding machine		1	1	1	Adequate
Chrome – Cobalt Lab Equip		1	1	1	Adequate
ouplicator	oment				
index system		1	1		Adequate
urn-out furnace		1	1		Adequate
Velder		1	1		Adequate
andhlaster	Aioro and	1	1		Adequate
lectro – polisher	Aicro and macro	1	1	1	Adequate
		1	1		Adequate

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Model trimmer with diamond disc		1	1	1	Adequate
Model trimmer with double disc (one Carborandum and one		1	1	1	Adequate
diamond disc)					1
Casting machine, motor cast with					
the safety door closure, gas blow torch with	• •	1	1	1	Adequate
regulator	tn j				
Dewaxing furnace					
Induction casting machine with vacuum		1	1	1	Adequate
pump, capable of casting		1	1	1	Adequate
titanium chrome cobalt precision metal					
Spot welder with soldering, attachment of	of	1	1	1	
cable		1	1	1	Adequate
Steam cleaner		1	1	1	Adamiat
Vacuum mixing machine		1	1	1	Adequate
Spindle grinder 24,000 ROM with vacuur	n	1	1	1	Adequate
suction		-	1	1	Adequate
Waxheater		2	3	2	Adequate
Wax carvers (Full PKT Set)		2	3	2	Adequate
Milling machine		1	1	1	Adequate
Stereo microscope		1	1	1	Adequate
Magnifying work lamp		1	1	1	Adequate
Heavy duty lathe with suction		1	1	1	Adequate
Preheating furnace		1	1	1	Adequate
Dry model trimmer		1	1	1	Adequate
Die cutting machine		1	2	1	Adequate
Ultrasonic cleaner		1	1	1	Adequate
Composite curing unit		1	1	1	Adequate
Ceramic Lab Equipm	nent				racquate
ully programmable porcelain furnace with	1	1	1	1	Adequate
/acuum pump					lacquate
Ceramic kit (instruments)		3	3	3	Adequate
Ceramic materials (kit)		1	1	1	Adequate
Ceramic polishing kit		2	2	2	Adequate
Implant Equipmer	nt				
lectrical dental chair and unit		1	1	1	Adequate
hysio dispenser mplant kit		1	1	1	Adequate
nplants	Minimum 2 systems	2	2	2	Adequate
		10	10	10	Adequate
rosthetic components nit mount light cure		10	10	10	Adequate
-ray viewer		1	2	1	Adequate
		1	2	1	Adequate
eedle destroyer		1	2	1	Adequate
Itrasonic cleaner capacity 3.5 Its		1	1	1	Adequate
utoclave programmable for all ecommended cycles		1	2	1	Adequate
ray machine with RVG					
efrigerator		1	1	1	Adequate
ingerator irgical kit/prosthetic kit		1	1	1	Adequate
ducating models		2	2	2	Adequate
nplant removing instruments		1	1	1	Adequate
iplant removing instruments		1	1	1	Adequate

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#### Department: Periodontology

Name	Specification	Qu	antity	Details on College Website	Adequate / Inadequate		
Dental Chairs and Units	spittoon, 3 way syringe,	unit per post-		, unit per post- , graduate			
	instrument tray and motorized suction,	studen Two	nt and chairs				
	handpiece,airoter attachment, ultrasonic scaler (Piezo) with	the fac					
	detachable autoclavable hand piece						
		1 Unit	2 Units				
Auto clave (fully automatic) front loading Steel bin		1	2				
		4	6				
Airoter hand pieces JV chamber		2	2				
Formalin chamber		1	1				
		1	1				
W.H.O probe		2	2				
Nabers probe		2	2				
Williams probe		2	2				
JNC-15 probe	-	4	4				
Gold Man fox probe		1	1				
Pressure sensitive probe		1	1				
Marquis color coded probe		1	1				
upra gingival scalers	set	2	2				
ub gingival scaler	set	2	2				
rkansas sharpening stone		1	1				
Surgical Instrume	nts		-		~ ~ ~		
outine surgical instrument kit (Benquis eriosteal elevator, periotome)	set	2	3				
urgery trolleys		6	6				
ray viewer		1	2				
urgical cassette with sterilisation pouches		4	6				
lectro surgery unit		1	1				
Special Surgical Instru	ments	-	-				
irkland's knife	set	1	1				
rban's knife	set	1	1				
aquette blade handle		1	1				
rane kaplan pocket marker	set	1	1				
lc Calls universal curettes	set	1	1				
racey's curettes (No.1-18)	set	2	2				
lini five curettes	set	1	1				
umine scalar		1	1				
allet		1	1				
nisel		1	1				
schenbein chisel	straight, curved	1					
hluger bone file		1	1				
one fixation screw kit		1	1				

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Bone trephines for harvesting autografts	1 set	1	1		
Bone regenerative materials	Bone graft and GT	R			_
Local drug delivery systems	membranes At least two differer	5	5		
	agents	1 eac	h  1		
Root conditioning agent	At least two differen	t 2	2		
Micro needle holder	agents	1	1	 	
Micro scissors		1	-	 	
Magnifying loop (2.5 – 3.5)		1	1	 	
Operating microscope	optional		2	 	
3rd generation digital probe	optional	1	1	 	
Bone expander and bone crester	optional	1	1	 	
Distraction osteogenesis kit	optional	1	1		
Bone mill		1	1		
Bone graft / membrane placement spoon	optional	1	1		
Bone condenser		1	1		
Peizo-surgery unit		1	1		
Centrifuge for PRP/PRF preparation	optional	1	1		
Soft tissue laser (8 watt)	optional	1	1		
		1	1		
Osteotome	set optional	1	1		
Miscellaneous Instru	ments				
Composite gun with material kit		1	1	 	_
plinting kit with material		2	3		
Composite finishing kit		1	1		
Glass Ionomer cement		1	1	 	
Digital camera		1	1		
ntra Oral camera		1	1	 	
Jltrasonic cleaner		1	1	 	
mergency kit		1	1	 	
efrigerator		1		 	
-ray viewer			1	 	
CD projector		2	2		
omputer with internet		1	1		
onnection with attached printer and scanner		1	1		
nplant Equipment					
lectrical dental chair and unit					
hysio dispenser		1	1		
nplant kit		1	1		
8	At least two different systems	2	2		
nplants		10	10		
plant maintenance kit (plastic instruments)		1 set	1 set		
nplant guide		1	1	+	
ray viewer		1	2	+	
eedle destroyer		1	2		
trasonic cleaner capacity 3.5 lts		1	1		
itoclave programmable for all		1	1	 	
commended cycles		-	T		
/G with x-ray machine		1	1	 	
frigerator			1		
rgical kit		1	1		
nus lift kit		2	2		
ucating models		1	1		
acading models		1	1		
plant removing kit		1	1		

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### Department: Oral & Maxillofacial Surgery

Name	Specification	Quantity		Details on College Website	Adequate , Inadequate
Dental Chairs and Units	Electrically operated with	One o	hair and		Adequate
			er post-		Aucquate
	spittoon, 3 way syringe,	gradu	ate		
	instrument tray and high	stude	nt and		
	otorized suction, with	Two	chairs		
	micromotor and		unit for		
	micro motor attachment	the fac	culty		
Autoclave		1 Unit	2 Units		
Fumigators	Front loading	2	3	2	Adequate
Oscillating saw		1	1	1	Adequate
	With all hand pieces	1	1	1	Adequate
Surgical Instrument	ts				
General surgery kit including tracheotomy kit Minor oral surgery kit		2	2	2	Adequate
Osteotomy kit		5	10	5	Adequate
Cleft surgery kit		1	1	1	Adequate
Bone grafting kit		1	1	1	Adequate
Emergency kit		1	1	1	Adequate
		1	1	1	Adequate
Trauma set including bone Plating kit		2	2	2	Adequate
		1	1	1	Adequate
mplantology kit	Minimum 2	2	2	2	Adequate
Nith implants	systems	10	10	10	Adequate
Distraction osteogenesis kit		1	1	1	Adequate
Peizo surgical unit		1	1	1	Adequate
Magnifying loops		1	1	1	Adequate
Operating microscope and Microsurgery kit	desirable	1	1	1	Adequate
Dermatomes		1	1	1	Adequate
leedle destroyer		2	3	2	Adequate
JItrasonic Cleaner capacity .5 lts		1	1	1	Adequate
ormalin chamber		1	1	1	Adequate
ulse oxymeter		1	1		Adequate
/entilator		1	1		Adequate
lajor operation theatre with all facilities		1	1		Adequate
ecovery and Intensive Care		2 beds	2 beds		Adequate
nit with all necessary life support quipments					
brooptic light		1	1	1	Adagust
patient beds		20	20		Adequate
ber optic laryngoscope		1	1		Adequate
omputer with internet		1	1		Adequate
onnection with attached printer and canner	2 <sup>10</sup>	-	1	т   ,	Adequate
CD projector					
efrigerator		1	1	1	Adequate
- Berutor		1	1	1	Adequate

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Dr. Rajesh Ramdasji Kambe Dental College & Hospital, Kanheri Sarap Tq. Barshitakli, Dist. Akola

# Department: Conservative Dentistry and Endodontics

Name Dental Chairs and Units	Specification		antity	Details or College Website	Adequate Inadequat
	spittoon, 3 way syringe, instrument tray and motorized suction,	unit pe gradua studen two ch unit f faculty	unit per post- graduate student and two chairs with unit for the		Adequate
ENDOSONIC HANDPIECES –			2 Units		
Micro endosonic Tips, retro treatment		2	3	2	Adequate
Mechanised rotary instruments including hand pieces (speed and torque control) and hand instruments various systems	5	3	6	3	Adequate
Rubber dam kit		1			
		1 per chair	1 per	1 per	Adequate
Autoclaves for bulk instrument sterilization vacuum (Front oading)		2	chair 3	chair 2	Adequate
Autoclaves for hand piece sterilization		1	1	1	Adequate
Apex locators one for every two chairs		2	4	2	Adequate
Pulp tester		2	4	2	Adequate
quipments for injectable thermoplasticized gutta percha		1	2	1	Adequate
Operating microscopes 3 step or step magnification		1	1	1	Adequate
urgical endo kits (Microsurgery)		2	2	2	Adequate
et of hand instruments (specifications equired) torilizer trave for the last		1	2	1	Adequate
terilizer trays for autoclave		4	4	4	Adequate
Iltrasonic cleaner capacity .5 lts		1	1	1	Adequate
ariable Intensity polymerization equipments VLC units	Desirable	1	1	1	Adequate
onventional VLC units one for every two nairs		2	4	2	Adequate
eedle destroyer		2	2	2	Adequate
lagnifying loupes one for students and one or faculty		1	2		Adequate
CD projector		1	1	1	Adequate
omposite kits with different shades and olishing kits		2	4		Adequate
eramic finishing kits, metal finishing kits I nalgam finishing kits	n ceramic labs	2	3	2	Adequate
		2	3		Adequate
/G with x-ray machine developing kit air side micro abrasion		1	1		Adequate
eaching unit		1	1		Adequate
strument retrieval kits		1	1		Adequate
mputer with internet connection with		1	1		Adequate
ached printer and scanner		1	1	1 4	Adequate

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Refrigerator	1	1		
Equipments for casting procedures	I	1	1	Adequate
Equipments for ceramics including induction casting machines/ burnout preheat furnaces/ wax elimination furnaces	1	1	1	Adequate
Lab micro motor/ metal grinders / sand blasters/ polishing lathes/ duplicator equipment/vacuum investment equipments	1	1	1	Adequate
Laser (preferably hard tissue)	1	1	1	A
Face bow with semi adjustable articulator		-	1	Adequate
Department: Orthodontics and Dentofacial Orthop	1	2	1	Adequate

Name Dental Chairs and Units	Specification	Qu	antity	Details on College Website	Adequate / Inadequate
	Electrically operated with shadow less lamp, spittoon, 3 way syringe, instrument tray and motorized suction	unit studer Two with the	chairs unit for	Yes	Adequate
		faculty			
Vacuum /pressure moulding unit			2 Units		
Hydrogen soldering unit		1	1	1	Adequate
Lab micromotor		1	1	1	Adequate
Spot welders		3	5	3	Adequate
Model trimmer (Double disc)		3	5	3	Adequate
Light curing unit		2	3	2	Adequate
High intensity light curing unit		2	2	2	Adequate
Polishing lathes		1	2	1	Adequate
Tracing tables		2	3	2	Adequate
SLR digital camera		3	5	3	Adequate
Scanner with transparency adapter		1	1	1	Adequate
X-ray viewer		1	1	1	Adequate
LCD projector		3	4	3	Adequate
Autoclaves for bulk instrument Sterilization		1	1	1	Adequate
vacuum (Front loading) Needle destroyer		1	1	1	Adequate
Dry heat sterilizer		1	1	1	Adequate
Jltrasonic scaler		1	1	1	Adequate
		1	1	1	Adequate
Sets of Orthodontic pliers		3	3		Adequate
Orthodontic impression trays		3	5		Adequate
JItrasonic cleaner capacity 3.5 Its	5	1	1		Adequate
lectropolisher		1	1		Adequate
ypodonts with full teeth set		3	3		Adequate
natomical articulator with face bow ttachments		1	1		Adequate
ree plane articulators		1	1	1	Adequate
linge articulators		4	4		Adequate
Computer software for cephalometrics		1	1		Adequate
computer with internet onnection with attached printer and scanner		1	1		Adequate .

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Refrigerator				
nengerator	1	1	1	Adequate

# Department: Oral & Maxillofacial Pathology and Oral Microbiology

Name	Specification	Quantity	Details on College Website	Adequate / Inadequate
		· · · · · · · · · · ·		

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#### EQUIPMENT REQUIREMENTS

As per Revised BDS Course Regulations, 2007

#### Department: Oral Medicine and Radiology

Name		Qua	ntity	Details on	
Name	Specification	50 Intake	100 Intake	College Website	Adequate / Inadequate
	(Space allocation for each dental chair 100 Sq.Ft. in all the Departments)				
Units	d 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	6	12	12	Adequate
with Cephalometric	Preferably digital	1	1	1	Adequate
Unit	y 70 KV, 8 mA, high frequency preferably Digital timer	2	3	3	Adequate
Pulptesters	Digital				Adequate
Automatic periapical X-ray Developer	/	1	1	1	Adequate
Automatic Panoramic with Cephalometric X- ay Developer	-	1	1	1	Adequate
(-ray viewer	For Panoramic and Cephalometric films	2	2	2	Adequate
adiovisiography	Digital Intra X-ray system with one Sensor and Software	1	1	1	Adequate
General X-ray Jnit		1	1	1	Adequate
Ortho Pantmograph	Preferably digital	1	1	1	Adequate
outomatic Developers / Dark Soom		1	2	2	Adequate
ead aprons		2	2	2	Adequate
ead Gloves		1	1	1	Adequate
ray Hangers ray Viewers		6	6	6	Adequate
agnostic Kits	Mouth mineral and a second	2	2	2	Adequate
ad Screen	Mouth mirror, dental probe, college tweezers	20	40	40	Adequate
opsy Kit		1	1	1	Adequate
utoclave	Having wat and down to start	1	1	1	Adequate
	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	1	2	2	Adequate
	Minimum Pentium – IV	1	1	1	Adequate
	With High resolution	1	1	1	Adequate
eedle Burner ith Syringe utter		2	2	2	Adequate

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Name		Qua	ntity	Details on	
Name	Specification	50 Intake	100 Intake	College Website	Adequate / Inadequate
Dental Chairs and Units	With shadowless lamp, spittoon, 3 way syringe, instrument tray and suction	1	2	2	Adequate
Microscopes		20	40	10	
Microtome			40	40	Adequate
Wax bath		1	1	1	Adequate
Water bath		1	1	1	Adequate
		1	1	1	Adequate
Knife sharpener		1	1	1	Adequate
Hot plate		1	1		
Spencer Knife		1	-	1	Adequate
, sector and		1	1	1	Adequate

### Department: Public Health Dentistry

Nama		Qua	ntity	Details on	
Name	Specification	50	100	College	Adequate /
		Intake	Intake	Website	Inadequate
Dental Chairs and	Electrically operated, Spittoon attachment, Halogen	8	16	16	Adequate
Units	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 syringe, instrument tray and suction,				
Autoclaves	micromotor, airotor, light cure			1	
N Statements	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	1	2	2	Adequate
Ultrasonic cleaner	Minimum capacity 13 litres with mesh bucket with digital timer	1	2	2	Adequate
Needle burner		2	4	4	Adequate
with syringe		-	-	4	Auequate
cutter					
MOBILE CLINIC					Adequate
Mobile dental van	Mobile dental van with two dental chairs with all the				Adequate
	attachments and adequate sitting space for 15 to 20				Adequate
	people				
Dental chair with	Hydraulically operated with spittoon attachment,	2			Adequate
init	halogen light with 2 intensity, air ventury suction.				Adequate
	airrotor, micromotor, 3 way-scaler and light cure, x-				
	ray viewer, instrument tray, operating stool				
utoclaves	Having wet and dry cycle, which can achieve 135°C	1	1	1	Adequate
	with minimum capacity of 20 liters				quate
ntraoral x-ray	Portable, 70 KV, 8 mA	1	1	1	Adequate
ilass bead		1	1	1	Adequate
terilisers					•
	1.25 HP	1	1	1	Adequate
1etal Cabinet	With wash basin	1	1	1	Adequate .
ortable dental hair	Suitcase unit with airotor, micromotor, scaler and	2	2	2	Adequate
	compressor 0.25 HP				
	4 KV	1	1	1	Adequate
	4 KV	1	1	1	Adequate
	400 ltrs	1	1	1	Adequate
xygen cylinder		1	1	1	Adequate
ublic address	Charle	1	1	1	Adequate ·
/stem	(M)				

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TV and video	1	1		
cassette player	1	1	1	Adequate
Demonstration				
models	1	1	1	Adequate

### Department: Paediatric and Preventive Dentistry

Name	Specification		ntity	<b>Details on</b>	Adamint
lanc	Specification	50	100	College	Adequate Inadequate
Dental Chairs an	d Electrically an eret of a tra	Intake	Intake	Website	madequate
Units	d 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,	-	20	20	Adequate
	instrument tray Dental Operator'sstool with height adjustment (Pedo chair preferred)				
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters		2	2	Adequate
	r Minimum capacity 13 liters with mesh bucket with digital timer	1	2	2	Adequate
Needle Burne with syringe cutter		2	3	3	Adequate
Amalgamator		1	1	1	A.I
Pulp Tester Digita		1	1	1	Adequate
Rubber dam ki	t	3	5	1	Adequate
for pedo		5	5	5	Adequate
Apex locator		1	1		
Endo motor	With torque control HPs	1		1	Adequate
Injectable gutta		1	1	1	Adequate
percha with condensation		1	1	1	Adequate
Radiovisiography	Digital intra X-ray system with pedo sensor and software	1	1	1	Adequate
ntra Oral Camera	With high resolution	1	1	1	Adequate
Scale instruments		5	10	10	Adequate
Restorative		5	10	10	Adequate
nstruments				10	Aucquate
xtraction forceps		5	10	10	Adequate
ntra-oral X-ray		1	1	1	Adequate
Automatic		1	1	1	Adequate
Developer					
Computer	Minimum Pentium – IV	1	1	1	Adequate
lastand	PEDO LAB				
laster dispenser Aodel Trimmer	One each for plaster and stone plaster	2	2	2	Adequate
	With diamond disc	1	1	1	Adequate
Aodel Trimmer	Double disc one diamond and one carborandam disc	1	1	1	Adequate
Velder with oldering ttachments		1	1	1	Adequate
ibrator		2	2	2	Adequate
	Heavy duty with Hps	2	3	3	Adequate .
ental Lathe		1	1	1	
1odel Trimmer	( /va	1	1	1	Adequate Adequate

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Steam cleaner	1	4		
Pressure	I	1	1	Adequate
moulding machine	1	1	1	Adequate
Carborandum disc	1	1	1	Adequate
Diamond disc	1	1	1	Adequate

#### Department: Orthodontics

Name		Quantity		Details on		
Name	Specification	50	100	College	Adequate /	
Dental Chairs an	d Flantsin II	Intake	Intake	Website	Inadequate	
Units	d Electrically operated, Spittoon attachment, Halogen	9	18	18	Adequate	
onics	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	-				
Unit mount scale						
Autoclave	Having wet and dry cycle, which can achieve 135°C	3	5	5	Adequate	
	with minimum capacity of 20 liters	1	2	2	Adequate	
Ultrasonic cleaner	Minimum capacity 13 litres with mesh bucket with digital timer	1	2	2	Adequate	
ORTHO LAB					Adamst	
Plaster dispenser	One each for plaster and stone plaster	2	2	2	Adequate	
Vibrator		2	2	2	Adequate	
Model Trimmer		1	2	2	Adequate	
Micromotor	Heavy duey	2	4	4	Adequate	
Lathe		1	2	2	Adequate	
X-ray viewers		2	2	2	Adequate	
OPG with	If available in radiology its is adequate	1	1	1	Adequate	
cephalostat		-	1	1	Adequate	
Welders		2	4	4	Adequate	
Blue Torch		1	1	1	Adequate	
Base Formers		2	4	4	Adequate	
Typodont		2	4	4	Adequate	
Set of pliers		5	10	10	Adequate	
Welder with		1	1	1	Adequate	
soldering			-	-	Adequate	
attachments						
Hydro solder		1	1	1	Adequate	
Typhodont articulator	With metal teeth wax rim of Class I, II, III	3	4	4	Adequate	
Pressure						
moulding		1	1	1	Adequate	
machine						

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#### Department: Periodontology

Nar			Qua	ntity	Details on	
ivar	ne	Specification	50	100	College	Adequate /
Dantal Cl			Intake	Intake	Website	Inadequate
Dental Ch Units	nairs and	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	34	Adequate
Scaling			5	10	10	Adequate
nstrumer	nt sets				10	Adequate
Surgical			3	6	6	Adequate
nstrumen	-					quute
Autoclave		Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	3	3	Adequate
Jltrasonic	scaler	Minimum capacity 13 litres with mesh bucket	1	2	2	Adequate
cautery	surgical		1	1	1	Adequate
Veedle vith outter	burner syringe		4	6	6	Adequate
ASER		Soft tissue laser	1	-		
urgical	motor			1	1	Adequate
vith ispenser	physio		1	1	1	Adequate

# Department: Conservative Dentistry and Endodontics

Nama	Specification		ntity	<b>Details on</b>	
Name			100	College	Adequate /
Dental Chairs and		Intake	Intake	Website	Inadequate
Units	Electrically operated, Spittoon attachment, Halogen	17	34	34	Adequate
onito	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				
Rubber dam kits	tray Dental Operators stool with height adjustment				
Restorative		4	6	6	Adequate
instruments kits		5	10	10	Adequate
R.C.T. instrument					
kits		5	10	10	Adequate
Autoclave	Having wet and dry cycle, which can achieve 135 <sup>0</sup> C with minimum capacity of 20 liters	2	3	3	Adequate
Ultrasonic cleaner	Minimum capacity 13 litres with mesh bucket	1	2	2	
Needle Burner	, and contracting of the second s	3		2	Adequate
with Syringe		3	4	4	Adequate
Cutter					
Amalgamator	With auto proportion, auto dispenser	2	3	3	Adamusta
Rubber dam kits		4	6	6	Adequate
Pulp Tester Digital		2	4		Adequate
pex locator		1	2	4	Adequate
Glass bead		4		2	Adequate
		4	6	6	Adequate

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sterilizers			1 1		1
Plaster dispenser		2	2	-	
Vibrator			2	2	Adequate
Ceramic Unit		1	2	2	Adequate
Casting machine		1	1	1	Adequate
	Proper radiation safety	1	1	1	Adequate
Unit	i i oper radiation safety	1	1	1	Adequate
Automatic Developer		1	1	1	Adequate
Radiovisiography	RVG with Computer	1			
Endo motor	With torque control Hps		1	1	Adequate
Bleaching Unit		1	1	1	Adequate
Magnification		1	1	1	Adequate
loops		1	2	2	Adequate
njectable gutta percha		1	2	2	Adequate
וואנ	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	60	Adequate

#### **Chemical Laboratory**

Name		Qua	Quantity		
Name	Specification	50	100	College	Adequate /
Plaster Dispenser		Intake	Intake	Website	Inadequate
	and stone plaster	2	2	2	Adequate
Model Trimmer	Carborandum disc	1	1	1	Adequate
	Diamond disc	1	1	1	Adequate
Lathe	Heavy Duty	1	2	2	
Lab Micromotor	With heavy duty handpiece	2	3	3	Adequate
Ultrasonic cleaner	Minimum capacity 5 litres	1	1	-	Adequate
Spindle Grinder				1	Adequate
Vibrator		1	1	1	Adequate
Burnout furnace		1	2	2	Adequate
Porcelain furnace	1.	1	1	1	Adequate
Sandblasting	4 N	1	1	1	Adequate
Machine		1	1	1	Adequate
ab Airotor					
Pindex System		1	1	1	Adequate
Circular saw		1	1	1	Adequate
/acuum mixer		1	1	1	Adequate
nematic chisel		1	1	1	Adequate
	Noton and /: I	1	1	1	Adequate
asting machine	Motor cast / induction casting preferred	1	1	1	Adequate

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### Department: Oral & Maxillofacial Surgery

#### A) Exodontia

News	Specification		ntity	Details on	Adequate /	
Name			100	College		
D. I. I. Cl. I.		Intake	Intake	Website	Inadequate	
Units	Electrically operated, Spittoon attachment, Halogen Light with 2 intensity, Air Ventury suction, X-ray		30	30	Adequate	
	viewer, 3 way syringe, instrument tray Dental Operators stool and height adjustment and suction, Micromotor / Airotor					
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	2	2	Adequate	
	Ducket	1	2	2	Adequate	
Needle Burner with Syringe Cutter		4	6	6	Adequate	
xtraction forceps ets	Complete set	10	20	20	Adequate	
Dental elevators	Complete set	5	10	10	Adequate	
Minor Oral Surgery kits		3	6	6	Adequate	
mergency drugs ray		1	1	1	Adequate	
oxygen cylinder vith mask		1	1	1	Adequate	
-ray viewers		2	2	2	Adamusta	
omputer	Minimum Pentium – IV	1	1	1	Adequate Adequate	

#### B) Minor Surgery

			ntity	Details on	
Name	Specification	Intake In		College Website	Adequate / Inadequate
Units	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	5	Adequate

### Department: Prosthodontics and Crown & Bridge

Name			ntity	<b>Details on</b>	
Name	Specification	50 Intake	100 Intake	College Website	Adequate / Inadequate
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	17	34	34	Adequate
Semi-adjustable articulator	With face bow	2	2	2	Adequate
Extra oral / intra oral tracer		2	2	2	Adequate
Dewaxing unit	Chu	1	2	2	Adequate
	Dean>			22/50	

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Curing unit	1	2	2	Adequate
Dental casting machine	1	1	1	Adequate
Wax burnout furnace	1	1	1	Adequate
Pre heating furnace	1	1	1	Adequate
Surveying unit	1	2	2	Adamat
Heavy duty hand Lab micromotors	3	4	4	Adequate
piece	5	4	4	Adequate
Autoclave Having wet and dry cycle, which can achieve 135 <sup>o</sup> C with minimum capacity of 20 liters	1	2	2	Adequate
Needle Burner with Syringe Cutter	1	2	2	Adequate
Plaster dispenser One each for plaster and stone plaster	2	2	2	Adequate
Model Trimmer with Carborandum disc	1	1	1	Adequate
Model Trimmer with diamond disc	1	2	2	Adequate
Acryliser	2	3	3	Adequate
Lathe	1	2	2	Adequate
Flask press	4	4	4	Adequate
Deflasking unit	4	4	Yes	Adequate
Dewaxing unit	2	3	3	Adequate
Hydraulic Press	2	3	3	Adequate
Mechanical Press	1	2	2	Adequate
Vacuum mixing machine	1	1	1	Adequate
ab Micro motor With heavy duty handpiece	3	4	4	Adequate
Curing pressure bot	1	1	1	Adequate
Porcelain furnace	1	2	2	Adequate
/ibrator	1	2	2	Adequate
andblasting unit	2	2	2	Adequate
Jltrasonic cleaner	1	2	2	Adequate
Aodel Trimmer	2	4	4	Adequate
lot water terilizer	1	2	2	Adequate
Seyser Compound bath	1	2	2	Ada
.P. grinder with	2	3	3	Adequate
uction	2	5	3	Adequate
eavy duty lathe	2	2	2	A
hantom heads	50	50	2 50	Adequate
re-clinical Gas connection & Bunsen burner	50	100		Adequate
orking tables	50	100	100	Adequate



#### **Ceramic and Cast Partial Laboratory**

		Qua	ntity	Details on	A	
Name	Specification	50 Intake	100 Intake	College Website	Adequate / Inadequate	
Plaster dispenser	One each for plaster and stone plaster		2	2	Adequate	
Duplicator		1	1	1	Adequate	
Pindex System		1	1	1	Adequate	
Circular saw		1	1	1	Adequate	
Burnout furnace		1	1	1	Adequate	
Sandblasting Machine	With two containers	1	1	1	Adequate	
Electro polisher		1	1	1	Adequate	
Model Trimmer with Carborandum disc		1	1	1	Adequate	
Model Trimmer with diamond disc		1	1	1	Adequate	
Induction casting machine	1	1	1	1	Adequate	
Programmable porcelain furnace with vacuum pump with instrument kit and material kit	а	1	1	1	Adequate	
Spot welder with soldering attachment of cable		1	1	1	Adequate	
Vacuum mixing machine		1	1	1	Adequate	
Steam Cleaner		1	1	1	Adequate	
Spindle Grinder 24000 rpm with		1	1	1		
vacuum suction	5	-	-	1	Adequate	
Wax heater		1	1	1	Adaguata	
Wax carver		1	1	1	Adequate	
Curing pressure pot		1	1	1	Adequate	
Villing machine		1	1	1	Adequate Adequate	
leavy duty lathe with suction		1	1	1		
Preheating furnace		1	1	1	Adequate	
Palatal trimmer	· · · · · · · · · · · · · · · · · · ·	1	1	1	Adequate	
Jltrasonic cleaner	5 liters capacity	1	1	1	Adequate	
Composite curing unit		1	1	1	Adequate	
Aicro surveyor		1	1		Adequate	
	Work table preferably complete stainless steel fitted	30	60	1 60	Adequate Adequate	
,	with light, Bunsen burner, air blower, working stool. Adequate number of lab micro motor with attached hand piece.	10	20	20		
laster room for pre-clinical work					Adamint	
laster dispenser (	One each for plaster and stone	2	2	2	Adequate	
ibrator	proster and stolle	2	2	2	Adequate	
athe		2	2	2	Adequate	
1odel Trimmer		1	1	2	Adequate	
arborandum Disc				1	Adequate	
iamond disc		1	1	1	Adequate	

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#### EQUIPMENT REQUIREMENTS

#### As per MDS Course Regulations, 2017

### Department: Prosthodontics and Crown & Bridge

Name	Specification	Quantity		Details on College Website	Adequate / Inadequate
Electrical Dental Chairs and Units	motorized suction, micromotor and airotor	unit studen two ch unit faculty	per PG t and airs with for the		Adequate
Articulators - semi adjustable/ adjustable		1 Unit	2 Units 12	C	
with face bow		0	12	6	Adequate
Micromotor – (Lab Type can also be attached (fixed) to wall		2	4	2	Adequate
Ultrasonic scaler		2	2	2	Adequate
Light cures		2	2	2	Adequate
Hot air oven		1	1	1	Adequate
Autoclave		2	2	2	Adequate
Surveyor		2	2	2	Adequate
Refrigerator		1	1	1	Adequate
X-ray viewer		1	2	1	
Pneumatic, Crown bridge remover		2	3	2	Adequate
Needle destroyer		1	2	1	Adequate
ntra oral camera		1	1	1	Adequate
Digital SLR camera		1	1	1	Adequate
Computer with internet connection with attached printer and scanner		1	1	1	Adequate Adequate
.CD projector		1	1	1	Adequate
Clinical Lab for Prosthe	etics			-	Aucquate
Plaster dispenser		2	2	2	Adequate
Nodel trimmer with carborandum Disc		1	2	2	Adequate
Aodel trimmer with diamond disc		1	2	2	Adequate
ligh speed lathe		2	3	3	Adequate
'ibrator		2	4		Adequate
crylizer		1	2		Adequate
ewaxing unit		1	2		Adequate
ydraulic press		1	1		Adequate
1echanical press		1	1		Adequate
acuum mixing machine		1	1		Adequate
licro motor lab type		2	3		Adequate
uring pressure pot		1	1		Adequate
ressure molding machine		1	1		Adequate
Chrome – Cobalt Lab Equip	oment			-	Auequate
uplicator		1	1	1	Adequate
ndex system		1	1		Adequate
urn-out furnace		1	1		Adequate
/elder		1	1		
andblaster N	Aicro and macro	1	1		Adequate Adequate
ectro – polisher		1	1		Adequate
odel trimmer with carborandum disc		1	1		Adequate

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Can

Model trimmer with diamond disc		1	1	1	Adequate
Model trimmer with double disc (one		1	1	1	Adequate
Carborandum and one					
diamond disc)					
Casting machine, motor cast with		1	1	1	Adequate
the safety door closure, gas blow torch wit regulator	h				
Dewaxing furnace					Real and the
Induction casting machine with vacuum		1	1	1	Adequate
pump, capable of casting		1	1	1	Adequate
titanium chrome cobalt precision metal					
Spot welder with soldering, attachment o	.f				
cable	/1	1	1	1	Adequate
Steam cleaner		1	1		
Vacuum mixing machine		1	1	1	Adequate
Spindle grinder 24,000 ROM with vacuum	n	1	1	1	Adequate
suction		1	1	1	Adequate
Waxheater		2	3	2	Adamust
Wax carvers (Full PKT Set)		2	3	2	Adequate
Milling machine		1	1	1	Adequate Adequate
Stereo microscope		1	1	1	Adequate
Magnifying work lamp		1	1	1	Adequate
Heavy duty lathe with suction		1	1	1	Adequate
Preheating furnace		1	1	1	Adequate
Dry model trimmer		1	1	1	Adequate
Die cutting machine		1	2	1	Adequate
Ultrasonic cleaner		1	1	1	Adequate
Composite curing unit		1	1	1	Adequate
Ceramic Lab Equipm	ient		-		Auequate
Fully programmable porcelain furnace with	1	1	1	1	Adequate
vacuum pump			-	-	Aucquate
Ceramic kit (instruments)		3	3	3	Adequate
Ceramic materials (kit)		1	1	1	Adequate
Ceramic polishing kit		2	2	2	Adequate
Implant Equipmen	it				Aucquate
lectrical dental chair and unit		1	1	1	Adequate
Physio dispenser		1	1	1	Adequate
mplant kit	Minimum 2 systems	2	2	2	Adequate
mplants		10	10	10	Adequate
Prosthetic components		10	10	10	Adequate
Jnit mount light cure		1	2	1	Adequate
-ray viewer		1	2	1	Adequate
leedle destroyer		1	2	1	Adequate
Iltrasonic cleaner capacity 3.5 lts		1	1	1	Adequate
utoclave programmable for all		1	2	1	Adequate
ecommended cycles					
-ray machine with RVG		1	1	1	Adequate
efrigerator		1	1	1	Adequate
urgical kit/prosthetic kit		2	2	2	Adequate
ducating models		1	1	1	Adequate
nplant removing instruments		1	1	1	Adequate

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### Department: Periodontology

Name	Specification		antity	Details on College Website	Adequate / Inadequate
Dental Chairs and Units	shadowless lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor attachment with contra angle handpiece,airoter attachment, ultrasonic	spittoon, 3 way syringe, instrument tray and motorized suction, micromotor attachment with unit with contra angle handpiece,airoter attachment, ultrasonic scaler (Piezo) with			
	hand piece				
	piece	1 Unit	2 Units		
Auto clave (fully automatic) front loading		1	2		
Steel bin		4	6		
Airoter hand pieces		2	2		
UV chamber		1	1		
Formalin chamber	-	1	1		
W.H.O probe		2	2		
Nabers probe					
Williams probe		2	2		
JNC-15 probe		2	2		
Gold Man fox probe		4	4		
Pressure sensitive probe		1	1		
Marquis color coded probe		1	1		
Supra gingival scalers	sot	1	1		
Sub gingival scaler	set	2	2		
Arkansas sharpening stone	set	2	2		
Surgical Instrume	-	1	1		
outine surgical instrument kit (Benquis					
eriosteal elevator, periotome) urgery trolleys	set	2	3		
ray viewer		6	6		
		1	2		
urgical cassette with sterilisation pouches lectro surgery unit		4	6		
		1	1		
Special Surgical Instru irkland's knife	ments				
	set	1	1		
rban's knife	set	1	1		
aquette blade handle		1	1		
rane kaplan pocket marker	set	1	1		
Ic Calls universal curettes	set	1	1		
racey's curettes (No.1-18)	set	2	2		
lini five curettes	set	1	1		
umine scalar		1	1		
allet		1	1		
nisel		1	1		
schenbein chisel	straight, curved	1	1		
hluger bone file		1	1		
one fixation screw kit		1	1		
one scrapper		1	1		

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Bone trephines for harvesting autografts	1 set	1	1			
Bone regenerative materials	Bone graft and GTF	2				
	membranes	5	5			
Local drug delivery systems	At least two different	1 each	1			
	agents					
Root conditioning agent	At least two different	2	2			
Mine and Hall I	agents					
Micro needle holder Micro scissors		1	1			
		1	1			
Magnifying loop (2.5 – 3.5)		1	2			
Operating microscope	optional	1	1	-		
3rd generation digital probe	optional	1	• 1			
Bone expander and bone crester	optional	1	1			
Distraction osteogenesis kit	optional	1	1			
Bone mill	optional	1	1			
Bone graft / membrane placement spoon		1	1			
Bone condenser		1	1			
Peizo-surgery unit	optional	1	1			
Centrifuge for PRP/PRF preparation	optional	1	1			
Soft tissue laser (8 watt)		1	1			
Osteotome	set optional	1	1			
Miscellaneous Instru	ments					
Composite gun with material kit		1	1		_	
Splinting kit with material		2	3			
Composite finishing kit		1	1			
Glass Ionomer cement		1	1			
Digital camera		1	1			
ntra Oral camera		1	1			
Jltrasonic cleaner		1	1		_	
mergency kit		1	1			
lefrigerator						
-ray viewer		1	1			
CD projector		2	2			
omputer with internet		1	1			
onnection with attached printer and scanner		1	1			
nplant Equipment						
lectrical dental chair and unit						
hysio dispenser		1	1			
nplant kit		1	1			
•	At least two different	2	2			
nplants	systems					
nplant maintenance kit (plastic instruments)		10	10			
nplant guide		1 set	1 set			
ray viewer		1	1			
eedle destroyer		1	2			
trasonic cleaner capacity 3.5 lts		1	2			
ita alaura		1	1			
commended cycles		1	1			
/G with x-ray machine						
frigerator		1	1			
rgical kit		1	1			
nus lift kit		2	2			
		1	1			
ucating models		1	1			
plant removing kit		1	1			

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# Department: Oral & Maxillofacial Surgery

Name	Specification	Quantity		Details on College Website	Adequate Inadequate
Dental Chairs and Units	Electrically operated with	One o	chair and	Yes	Adequate
×	shadowless lamp	unit p	er post-		quute
	spittoon, 3 way syringe	, gradu	ate		
	instrument tray and high	stude	nt and		
	otorized suction, with		chairs		
	micromotor and	with	unit for		
	micro motor attachment	-			
Autoclave	French II.		t 2 Units		
Fumigators	Front loading	2	3	2	Adequate
Oscillating saw	Mart III	1	1	1	Adequate
	With all hand pieces	1	1	1	Adequate
Surgical Instrumen General surgery kit including tracheotomy kit	ts				
Minor oral surgery kit		2	2	2	Adequate
Osteotomy kit		5	10	5	Adequate
Cleft surgery kit		1	1	1	Adequate
Bone grafting kit		1	1	1	Adequate
Emergency kit		1	1	1	Adequate
		1	1	1	Adequate
Trauma set including bone		2	2	2	Adequate
Plating kit		1	1	1	Adequate
mplantology kit	Minimum 2	2	2	2	Adequate
Vith implants	systems	10	10	10	Adequate
Distraction osteogenesis kit		1	1	1	Adequate
Peizo surgical unit		1	1	1	Adequate
Aagnifying loops		1	1	1	Adequate
perating microscope and Microsurgery kit	desirable	1	1	1	Adequate
Dermatomes		1	1	1	Adequate
leedle destroyer		2	3	2	Adequate
Iltrasonic Cleaner capacity		1	1	1	Adequate
.5 Its			-	-	Auequate
ormalin chamber		1	1	1	Adequate
ulse oxymeter		1	1		
entilator		1	1		Adequate
lajor operation theatre with all facilities		1	1		Adequate
ecovery and Intensive Care			2 beds		Adequate
nit with all necessary life support	1	- Deus	2 Deus	2	Adequate
quipments					
brooptic light		1	1	1	
patient beds		20	20		Adequate
ber optic laryngoscope		1			Adequate
omputer with internet		1	1		Adequate
nnection with attached printer and		T	1	1	Adequate
anner					
D projector		1	1	1	
frigerator	-	1			Adequate
		1	1	1 /	Adequate



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# Department: Conservative Dentistry and Endodontics

Name	Specification	Quantity		Details on College Website	Adequate Inadequat
ntal Chairs and Units	spittoon, 3 way syringe instrument tray and motorized suction,	, unit pe gradua studen two ch unit f faculty	er post- ate at and airs with for the	Yes	Adequate
ENDOSONIC HANDPIECES –			2 Units		
Micro endosonic Tips, retro treatment		2	3	2	Adequate
Mechanised rotary instruments including hand pieces (speed and torque control) and hand instruments various systems	5	3	6	3	Adequate
Rubber dam kit		1 per chair	1 per chair	1 per chair	Adequate
Autoclaves for bulk instrument sterilization vacuum (Front loading)		2	3	2	Adequate
Autoclaves for hand piece sterilization		1	1	1	Adequate
Apex locators one for every two chairs		2	4	2	Adequate
Pulptester		2	4	2	Adequate
Equipments for injectable thermoplasticized gutta percha		1	2	1	Adequate
Operating microscopes 3 step or 5 step magnification		1	1	1	Adequate
Surgical endo kits (Microsurgery)		2	2	2	Adequate
Set of hand instruments (specifications equired)		1	2	1	Adequate
iterilizer trays for autoclave		4	4	4	Adequate
Jltrasonic cleaner capacity 9.5 lts		1	1	1	Adequate
/ariable Intensity polymerization equipments VLC units	Desirable	1	1	1	Adequate
conventional VLC units one for every two hairs leedle destroyer		2	4	2	Adequate
		2	2	2	Adequate
Magnifying loupes one for students and one or faculty		1	2	1	Adequate
CD projector		1	1	1	Adequate
omposite kits with different shades and olishing kits		2	4		Adequate
eramic finishing kits, metal finishing kits	In ceramic labs	2	3	2	Adequate
malgam finishing kits		2	3		Adequate
VG with x-ray machine developing kit		1	1		Adequate
hair side micro abrasion		1	1		Adequate
eaching unit		1	1		Adequate
strument retrieval kits		1	1		Adequate
omputer with internet connection with tached printer and scanner		1	1		Adequate

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Refrigerator	1	1	1	Adamusta
Equipments for casting procedures	1	-	1	Adequate
Equipments for ceramics including induction casting machines/ burnout preheat furnaces/ wax elimination	1	1	1	Adequate
furnaces				
Lab micro motor/ metal grinders / sand blasters/ polishing lathes/ duplicator equipment/vacuum investment equipments	1	1	1	Adequate
Laser (preferably hard tissue)	1	1	1	Adequate
Face bow with semi adjustable articulator	1	2	1	Adequate

Department: Orthodontics and Dentofacial Orthopedics

Name	Specification		antity	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	unit stude Two	chair & per PG nt and chairs unit for	Yes	Adequate
		the facult	v		
			t 2 Units		
Vacuum /pressure moulding unit		1	1	1	Adequate
Hydrogen soldering unit		1	1	1	Adequate
Lab micromotor		3	5	3	Adequate
Spot welders		3	5	3	Adequate
Model trimmer (Double disc)		2	3	2	Adequate
Light curing unit		2	2	2	Adequate
High intensity light curing unit		1	2	1	Adequate
Polishing lathes		2	3	2	Adequate
Tracing tables		3	5	3	Adequate
SLR digital camera		1	1	1	Adequate
Scanner with transparency adapter		1	1	1	Adequate
X-ray viewer		3	4	3	Adequate
LCD projector		1	1	1	Adequate
Autoclaves for bulk instrument Sterilization vacuum (Front loading)		1	1	1	Adequate
Needle destroyer		1	1	1	Adequate
Dry heat sterilizer		1	1	1	Adequate
Jltrasonic scaler		1	1	1	Adequate
Sets of Orthodontic pliers		3	3	3	Adequate
Orthodontic impression trays		3	5		Adequate
Jltrasonic cleaner capacity 3.5 lts		1	1		Adequate
lectropolisher		1	1		Adequate
ypodonts with full teeth set		3	3		Adequate
natomical articulator with face bow ttachments		1	1		Adequate
ree plane articulators		1	1	1	Adequate
linge articulators		4	4		Adequate
computer software for cephalometrics		1	1		Adequate
omputer with internet onnection with attached printer and scanne <del>r</del>	1	1	1		Adequate

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Defrigerates				
Refrigerator	1	1	1	Adamusta
	1 1	L T	1	Adequate

# Department: Oral & Maxillofacial Pathology and Oral Microbiology

Name	Specification	Quantity		Details on College Website	Adequate Inadequate
		1 Unit	2 Units	website	
Dental Chairs and Units	Electrically operated with shadow less lamp, spittoon 3 way syringe, instrument tray and suction	,	6		
Adequate laboratory glassware's as required for processing of biopsy specimens and staining.	Reasonable quantity	/			
Adequate tissue capsules	Reasonable quantity				
/ tissue embedding cassettes	should be made available				
Paraffin wax bath	thermostatically controlled	1	1		
Leuckhart pieces	controlled	10	10		
Block holders		25	25		
Microtome	Manual	1			
Microtome	semi – automated	1	1		
Tissue floatation water bath	thermostatically controlled				
Slide warming table	cherniostatically controlled	1	1		
Steel slide racks for staining		5	5		
Diamond glass marker		2			
Research microscope with phase			2		
contrast, dark field, polarization, image analyzer, photomicrography attachments		1	1		
Multi head microscope	Penta headed	1	1		
Binocular compound microscope		2 for faculty	4 for		
	а. 1. с	and one per	and one per student	(* 	
stereo microscope		1	1		
Aluminum slide trays		5	5		
Nooden / plastic slide boxes		5	5		
Vax block storing cabinet		5,000	10,000		
			capacity		
lide storing cabinet		5,000	10,000		
			capacity		
lefrigerator		1	1		
ipettes		5	5		
urgical kit for biopsy		3	6		
mmuno histo chemistry lab		1	1		
omputer with Internet Connection with ttached		1	1		
rinter and scanner					
CD projector		1	1		
Desirable Equipme	ent				
ryostat		1	1		
uorescent microscope		1	1		
ard tissue microtome	8	1	1		
ssue storing cabinet (frozen)		1	1		( <sub>1</sub>
incrowave	and	1	1		

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#### Department: Public Health Dentistry

Name	Specification	Quantity		Details on College Website	Adequate / Inadequate
Dental Chairs	Electrically operated with One chair and shadowless lamp, unit per post- spittoon, 3 way syringe, graduate instrument tray and student and motorized suction, one chair with micromotor attachment unit for the		er post- te t and air with	website	
	with contra angle handpiece,airoter attachment, ultrasonic scaler (Piezo) with detachable autoclavable hand piece with min 3 tips.				
		1 Unit	2 Units		
Extraction forceps		4 sets	6 sets		
Filling instruments		4 sets	6 sets		
Scaling instruments	Supra gingival scaling	4 sets	6 sets		
Amalgamator Pulp tester	-	1	1		
Pulp tester Autoclave		1	1		
		1	1		
X-ray viewer		1	1		
nstrument cabinet		1	1		
LCD or DLP multimedia projector		1	1		
Computer with internet connection with attached printer and scanner	~	1	1		
For peripheral dental care or field	d programme				
		1	1		
Mobile dental clinic fitted with at least 2 dental chairs with complete dental unit with ire extinguisher		1	1		
Jltrasonic scaler,		1	2		
Iltrasonic cleaner capacity 3.5 lts		1	1		
Compressor	One with chair				
Generator		1	1		
ublic address system, audio-visual aids		1	1		
elevision		1	1		
Vigital Versatile Disc Player		1	1		
nstrument cabinet, emergency medicine kits,		1	1		
lood pressure apparatus		1	-		
ortable oxygen cylinder		1	1		
ortable chair		1	1		
efrigerator		1	1		



### Department: Paediatric and Preventive Dentistry

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Name	Specification		antity	Details on College Website	Adequate Inadequate
Dental Chairs and Units	A CONTRACTOR AND A CONTRA	unit per post- graduate student and Two chairs with unit for the faculty			
Pedo extraction forceps sets			2 Units		
		3	4		
Autoclaves for bulk instrument sterilizatio vacuum (Front loading)	n	1	2		
RVG with intra oral x-ray unit					
Automatic developer		1	1		
Pulp tester		1	1		
		2	3		
Apex locator Rubber dam kit	· · · · · · · · · · · · · · · · · · ·	1	1		
	One set per student	1	1		
njectable GP condenser		1	1		
Endodontic pressure syringe		1	1		
Glass bead steriliser		2	4		
Spot welder		2	3		
Jltrasonic scalers		2	4		
Needle destroyer		1	1		
ormalin chamber		1	1		
Jltrasonic cleaner capacity 3.5 Its		1	1		
(-ray viewer		2	3		
malgamator		1	2		
laster dispenser		2	2		
Dental lathe		1	2		
/ibrator	-	2	3		
ypodonts	One set per student	1	1		
oldering unit		1	1		
and pinching beak pliers		2 Sets	2 Sets		
roximal contouring pliers					
rown crimping pliers		2	3		
ouble beak pliers anterior and posterior		2	3		1
ab micro motor		2	3		
cryliser		2	3		
lagnifying loupes		1	2		
onscious sedation unit	Desirable	1	1		
ulse oxymeter	Desilable	1	1		
hantom head table with	Operation	1	1		
tached Light, Airotor and micro motor	One set per each	1	1		
omputer with internet connection with	P.G. Student				
tached printer and scanner		1	1		
D projector					
efrigerator		1	1		
•	()	1	1		

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#### Department: Oral Medicine and Radiology

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Name	Specification	Qu	antity	Details on College Website	Adequate / Inadequate
Dental Chairs and Units	spittoon, 3 way syringe, instrument	p, unit per post-			
	tray and suction	one ch unit fo faculty	10A1 2010/02/02/02		
			2 Units		
RVG with intra oral radiography machine (FDA Approved)	55-70 Kvp with digital compatibility	1	1		
Extra oral radiography machine	100 kvp	1	1		
Panoramic radiography (OPG) machine with cephalometric and TMJ attachment with printer	Digital compatibility	1	1		
Intra-oral camera		1	2		
Pulptester		2	4		
Autoclave		1	1		
Punch biopsy tool		2	3		
Biopsy equipment		1	2		
Surgical trolley		2	2		
Emergency medicines kit		1	1		
Extra oral cassettes with intensifying screens Conventional and rare earth)		4	6		
.ead screens		2	2		
ead aprons		2	2		
ead gloves		2	2		
Radiographic filters (Conventional and rare earth)		1	1		
Dark room with safe light facility		1	1		
utomatic radiographic film processors		2	2		
adiographic film storage lead containers		1	1		
hyroid collars		1	1		
vigital sphygmomanometer		1	1		
vigital blood glucose tester		1	1		
ligital camera		1	1		
-ray viewer boxes		2	3		
acrimal probes		2 sets	2 Sets		
ialography cannula		2 sets	2 Sets		
luminated mouth mirror and probe		2 3013	2 3815		
omputer with internet connection with ttached printer and scanner		1	1		
CD projector		1	1		
efrigerator		1	1		



Dean / Principal Stamp & Signature