



Smt. Mallayabai Vayal Memorial Charitable Dental Hospital & Research Centre, Solapur Undertaking

PANDIT DEENDAYAL UPADHYAY DENTAL COLLEGE

Recognized by Dental Council of India, New Delhi and Affiliated by M.U.H.S Nashik

19/1, Kegaon, Solapur - 413255

E-mail: pdudentalcollege@rediffmail.com Web site: www.pdudentalcollege.co.in

11. EQUIPMENTS :-

DEPARTMENT: PERIODONTOLOGY

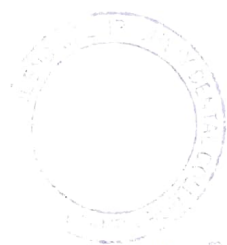
S. No.	NAME	SPECIFICATION	Quantity		Availability
			1 Unit	2 Units	
1.	Dental Chairs and Units	Electrically operated with lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor and airoter attachment, ultrasonic scaler			
			1 Unit	2 Units	
2.	Autoclave		1	1	yes
3.	Airoter hand pieces		2	2	Yes
4.	W.H.O probe		2	2	Yes
5.	Nabers probe		2	2	Yes
6.	Williams probe		2	2	Yes
7.	UNC-15 probe		4	4	Yes
8.	Gold Man fox probe		1	1	Yes
9.	Pressure sensitive probe		1	1	Yes
10.	Marquis color coded probe		1	1	Yes
11.	Supra gingival scalers	set	2	2	Yes
12.	Sub gingival scaler	set	2	2	Yes
13.	Arkansas sharpening stone		1	1	Yes



Dr. BIRAJ K. R.S.
Principal
P.D.U. Dental College, Solapur

<u>SURGICAL INSTRUMENTS</u>					
1.	Routine surgical instrument kit (Benquis periosteal elevator, periostome)	set	2	3	yes
2.	X ray viewer		1	2	yes
3.	Electro surgery unit		1	1	yes
<u>Special Surgical Instruments</u>					
1.	Kirkland's knife	set	1	1	yes
2.	Orban's knife	set	1	1	yes
3.	Paquette blade handle		1	1	yes
4.	Krane kaplan pocket marker	set	1	1	yes
5.	Mc Calls universal curettes	set	1	1	yes
6.	Gracey's curettes (No.1-18)	set	2	2	yes
7.	Mini five curettes	set	1	1	yes
8.	Cumine scalar		1	1	yes
9.	Mallet		1	1	yes
10.	Chisel		1	1	yes
11.	Oschenbein chisel	straight, curved	1	1	yes
12.	Schluger bone file		1	1	yes
13.	Bone fixation screw kit		1	1	yes
14.	Bone scrapper		1	1	yes
15.	Bone trephines for harvesting autografts	1 set	1	1	yes

(Inspector:1)



(Principal)

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P.D.U. Dec 21 2019, Golagur

(Inspector:2)

16.	Micro needle holder		1	1	yes
17.	Micro scissors		1	1	yes
18.	Magnifying loop (2.5 – 3.5)		1	2	yes
19.	Operating microscope	optional	1	1	yes
20.	3 rd generation digital probe	optional	1	1	yes
21.	Bone expander and bone crester	optional	1	1	yes
22.	Distraction osteogenesis kit	optional	1	1	yes
23.	Bone mill	optional	1	1	yes
24.	Bone graft / membrane placement spoon		1	1	yes
25.	Bone condenser		1	1	yes
26.	Peizo-surgery unit	optional	1	1	yes
27.	Centrifuge for PRP/PRF preparation		1	1	yes
28.	Soft tissue laser (8 watt)	Not required, if available in Central Laser clinic	1	1	yes
29.	Osteotome	Set optional	1	1	yes
MISCELLANEOUS INSTRUMENTS					
1.	Composite gun with material kit		1	1	yes
2.	Splinting kit with material		2	3	yes
3.	Composite finishing kit		1	1	yes
4.	Digital camera		1	1	yes
5.	Intra Oral camera		1	1	yes



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6.	Ultrasonic cleaner		1	1	yes
7.	Emergency kit		1	1	yes
8.	Refrigerator		1	1	yes
9.	Audio Visual System		1	1	yes
10.	Computer with internet connection with attached printer and scanner		1	1	yes
11.	Educating models		1	1	yes
	<u>Implant Equipment</u>				
12.	Electrical dental chair and unit	Not required, if Central Implant Clinic is available	1	1	yes
13.	Physio dispenser	Not required, if Central Implant Clinic is available	1	1	yes
14.	Implant kit	Not required, if Central Implant Clinic is available	2	2	yes
15.	Implants	Not required, if Central Implant Clinic is available	10	10	yes

(Inspector:1)



(Principal)

Dr. B. S. R.S.
P.D.U. DENTAL COLLEGE, Golapur.

(Inspector:2)

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




Dr. [Name] M.B.B.S.
P.D.U. [Name]
P.D.U. [Name] Solapur



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10. **EQUIPMENTS :-**

DEPARTMENT: PROSTHODONTICS AND CROWN & BRIDGE

S. No.	NAME	SPECIFICATION	Quantity		Availability
			1 Unit	2 Units	
1.	Electrical Dental Chairs and Units	With lamp, spittoon, 3-way syringe, instrument tray and motorized suction, micromotor and airtor attachment	One chair and unit per PG student	12	
2.	Semi Adjustable Articulator with Face bow		6	12	Yes
3.	Micromotor – (Lab Type can also be attached (fixed) to wall		2	4	Yes
4.	Ultrasonic scaler		2	2	Yes
5.	Light cures		2	2	Yes
6.	Autoclave (If Centralized sterilization system is not available)		1	1	Yes
7.	Surveyor		1	1	Yes



Dr. D. S. S.
Solapur

8.	Refrigerator		1	1	Yes
9.	X-ray viewer		1	2	Yes
10.	Pneumatic, Crown bridge remover		1	1	Yes
11.	Digital SLR camera		1	1	Yes
12.	Computer with internet connection with attached printer and scanner		1	1	Yes
13.	Audio Visual System		1	1	Yes
		Clinical Lab for Prosthetics			
1.	Plaster dispenser		1	1	Yes
2.	Model trimmer with carborandum Disc		1	1	Yes
3.	Model trimmer with diamond disc		1	1	Yes
4.	High speed lathe		1	1	Yes
5.	Vibrator		1	1	Yes
6.	Acrylizer		1	1	Yes
7.	Dewaxing unit		1	1	Yes
8.	Hydraulic press		1	1	Yes
9.	Mechanical press		1	1	Yes
10.	Micro motor lab type		2	3	Yes
11.	Pressure molding machine		1	1	Yes



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Metal Casting Lab					
1.	Duplicator		1	1	Yes
2.	Pindex system		1	1	Yes
3.	Burn-out furnace		1	1	Yes
4.	Sandblaster	Micro and macro	1	1	Yes
5.	Model trimmer with carborandum disc		1	1	Yes
6.	Model trimmer with diamond disc		1	1	Yes
7.	Spot welder with soldering, attachment of cable		1	1	Yes
8.	Steam cleaner		1	1	Yes
9.	Vacuum mixing machine		1	1	Yes
10.	Wax heater for wax carving		1	1	Yes
11.	Wax carvers (Full PKT Set)		2	3	Yes
12.	Milling machine		1	1	Yes
13.	Magnifying work lamp		1	1	Yes
14.	Heavy duty lathe with suction		1	1	Yes
15.	Die cutting machine		1	1	Yes
16.	Ultrasonic cleaner		1	1	Yes
17.	Electrically operated centrifugal casting machine		1	1	Yes
18.	Induction Casting Machine		1	1	Yes
19.	Lab Micro Motor		1	1	Yes
Ceramic Lab Equipment					Yes



Dr. DIRAJ R.S.
 P.D.U.
 Anapurna, Solapur



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11. EQUIPMENTS :-

DEPARTMENT: ORTHODONTICS AND DENTOFACIAL
ORTHOPAEDICS

S. No.	NAME	SPECIFICATION	Quantity		Availability
			1 Unit	2 Units	
1	Dental Chairs and Unit	Electrically operated with lamp, spittoon, 3 way syringe, instrument tray and motorized suction			
2	Vacuum /pressure moulding unit		1	1	Yes
3	Hydrogen soldering unit		1	1	Yes
4	Lab micromotor		1	2	Yes
5	Spot welders		1	2	Yes
6	Model trimmer (Double disc)		1	2	Yes
7	Light curing unit		2	2	Yes
8	High intensity light curing unit		1	1	Yes
9	Polishing lathes		1	1	Yes
10	Tracing tables		2	3	Yes
11	SLR digital camera		1	1	Yes



B. J.
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12	Scanner with transparency adapter		1	1	Yes
13	X-ray viewer		3	4	Yes
14	Audio Visual System		1	1	Yes
15	Autoclaves		1	1	Yes
16	Ultrasonic scaler		1	1	Yes
17	Sets of Orthodontic pliers		3	3	Yes
18	Orthodontic impression trays		3	5	Yes
19	Ultrasonic cleaner capacity 3.5 lts		1	1	Yes
20	Electropolisher		1	1	Yes
21	Typodonts with full teeth set		3	3	Yes
22	Semi Adjustable articulator with face bow attachments		1	1	Yes
23	Free plane articulators		1	1	Yes
24	Hinge articulators		4	4	Yes
25	Computer software for cephalometrics		1	1	Yes
26	Computer with internet connection with attached printer and scanner		1	1	Yes
27	Refrigerator		1	1	Yes



Dr. B. S. R. S.
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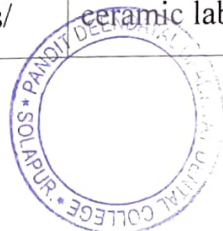
DEPARTMENT: CONSERVATIVE DENTISTRY AND ENDODONTICS

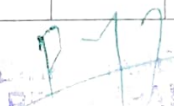
Sr.no.	NAME	SPECIFICATI ON	Quantity		Availability
1.	Dental Chairs and Units	Electrically operated with lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor, airtor attachment	One chair & unit per post-graduate student		yes
			1 Unit	2 Units	
2.	Micro endosonic Tips, retro treatment		1	2	yes
3.	Endomotor		2	4	yes
4.	Rubber dam kit	One per Student			yes
5.	Autoclaves		1	1	yes
6.	Apex locators		2	4	yes
7.	Pulp tester		2	4	yes
8.	Equipments for injectable thermoplasticized gutta percha		1	1	yes
9.	Operating microscopes		1	2	yes



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10.	Surgical endo kits (Microsurgery)		2	2	yes
11.	Set of hand instruments (specifications required)		1	2	yes
12.	Ultrasonic cleaner capacity 3.5 lts		1	1	yes
13.	Variable Intensity polymerization equipments - VLC units		1	1	yes
14.	Conventional VLC units		2	4	yes
15.	Magnifying loupes	one per student			yes
16.	Audio Visual System		1	1	yes
17.	Composite kits with different shades and polishing kits		2	4	yes
18.	Ceramic finishing kits, metal finishing kits	(In centralized ceramic lab)	2	3	yes
19.	Digital X-ray system		1	1	yes
20.	Bleaching unit (with light)		1	1	yes
21.	Instrument retrieval kits		1	1	yes
22.	Computer with internet connection with attached printer and scanner		1	1	yes
23.	Refrigerator		1	1	yes
24.	Equipments for ceramics including induction casting machines/ burnout furnaces/	(In centralized ceramic lab)	1	1	yes
25.	Lab micro motor/sand blasters/ polishing lathes/	(In centralized ceramic lab)	1	1	yes



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	duplicator equipment/ vacuum investment equipments				
26.	Laser (preferably hard tissue)		1	1	yes
27.	Composite curing Unit		1	1	yes



(Inspector:1)

(Inspector:2)

(Principal)

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11. EQUIPMENTS :-

DEPARTMENT: ORAL MEDICINE & RADIOLOGY

S. No	NAME	SPECIFICATIO N	Quantity		Availability
			1 Unit	2 Units	
1.	Dental Chairs and Units	Electrically operated with lamp, spittoon, 3 way syringe, instrument tray and suction			
2.	Digital X-ray System		1	1	yes
3.	Extra oral radiography machine	100 kvp (Not required, If available in the Medical College or 100 Bedded General Hospital in the campus)	1	1	yes
4.	Panoramic radiography (OPG) machine with cephalometric and TMJ attachment with Dicom printer	Digital compatibility	1	1	yes
5.	Intra-oral camera		1	1	yes



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6.	Pulp tester		2	4	yes
7.	Autoclave		1	1	yes
8.	Punch biopsy tool		2	2	yes
9.	Biopsy equipment		1	2	yes
10.	Surgical trolley		2	2	yes
11.	Emergency medicines kit		1	1	yes
12.	Lead screens		2	2	yes
13.	Lead aprons		2	2	yes
14.	Lead gloves		2	2	
15.	Dark room with safe light facility	Not required, If all X-ray units are digital	1	1	yes
16.	Automatic radiographic film processors	Not required, If all X-ray units are digital	2	2	yes
17.	Radiographic film storage lead containers	Not required, If all X-ray units are digital	1	1	yes
18.	Thyroid collars		1	1	yes
19.	Digital sphygmomanometer		1	1	yes
20.	Digital blood glucose tester		1	1	yes
21.	Digital camera		1	1	yes
22.	X-ray viewer boxes		2	3	yes
23.	Lacrimal probes		2 sets	2 Sets	yes
24.	Sialography cannula		2 sets	2 Sets	yes
25.	Illuminated mouth mirror and probe		2	2	yes



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(Inspector:1)

(Inspector:2)

(Principal)

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

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

Name of the Student: _____


Sr. No.	Activity	Requirement	Work done (to be verified by Guide /HOD)	Work done (verified by Council' s Inspectors)	Remarks
1.	Journal Club	5 in a year			



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2.	Seminars	5 in a year by each student			
3.	Clinical Cases Presentations	2 in a year			
4.	Lecturers taken for Undergraduates	1 in a year			
5.	Scientific Paper/Poster Presentations in State/National Level Conferences	3 papers/posters during three years of training period			
6.	Inter-disciplinary Presentation	2 presentations during three years of training period			
7.	Scientific Publication	One Publication in any scientific journal (As per Category I, II, III of DCI MDS Course Regulation, 2017)			
8.	Submission of synopsis	Synopsis within six months from the date of commencement of the course			




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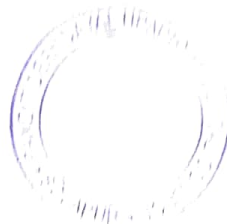
9	Submission of Library Dissertation	Dissertation within eighteen months from the date of commencement of the course	
10	Submission of Main Dissertation	Dissertation prior to six months before appearing for the University examination	

(Inspector: 1)

(Inspector: 2)

(Principal)

Dr. G. S. R. S.
Principal,
P.D.U. Dindurli, Anaparthi, Nellore.





XII. MAJOR EQUIPMENTS

DEPARTMENT: PROSTHODONTICS AND CROWN & BRIDGE

Name	Specification	Quantity		
		Required	Available	Remarks of Inspector
Dental Chairs and Units	As per specification	34	yes	
Semi adjustable articulator	With face bow	4	yes	
Extra oral/intra oral tracer		4	yes	
Dewaxing unit		2	yes	
Curing unit		2	yes	
Dental casting machine		1	yes	
Wax burnout furnace		1	yes	
Pre heating furnace		1	yes	
Surveying unit		2	yes	
Heavy duty hand piece	Lab micromotors	4	yes	
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	yes	
Needle burner with syringe cutter		2	yes	
CAD CAM		1(Optional)	yes	
LAB			yes	
Plaster Dispenser	One each for plaster and stone	2	yes	



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	plaster			
Model Trimmer with Carborandum Disc		1	yes	
Model Trimmer with Diamond Disc		2	yes	
Acrylizer		3	yes	
Lathe		2	yes	
Flask press		4	yes	
Deflasking unit		4	yes	
Dewaxing unit		3	yes	
Hydraulic Press		3	yes	
Mechanical Press		2	yes	
Vacuum mixing machine		1	yes	
Curing pressure pot		1	yes	
Hot water sterilizer	Compound bath	2	yes	
Geyser		2		
Phantom heads		50		
Pre-clinical working tables	Gas connection & bunson burner	100		

Signature of Principal/Dean with seal

Dr.  R.S.

PRINCIPAL

P.D.U. Dental College, Solapur



CERAMIC AND CAST PARTIAL LABORATORY

NAME	SPECIFICATIONS	Required	Available	Remarks of Inspector
Plaster Dispensor	One each for plaster and stone plaster	2	yes	
Duplicator		1	yes	
Pindex System		1	yes	
Circular saw		1	yes	
Burn out furnace		1	yes	
Sandblasting machine	With two containers	1	yes	
Electro-polisher		1	yes	
Model Trimmer with Carborandum disc		1	yes	
Model Trimmer with Diamond disc		1	yes	
Induction casting machine		1	yes	
Programmable porcelain furnace with vacuum pump with instrument kit and material kit		1	yes	
Spot welder with soldering, attachment of cable		1	yes	
Vacuum mixing machine		1	yes	
Steam Cleaner		1	yes	
Spindle Grinder 24,000 RPM with vacuum suction		1	yes	
Wax heater		1	yes	
Wax carver		1	yes	
Curing pressure pot		1	yes	
Milling machine		1	yes	
Heavy duty lathe with suction		1	yes	
Preheating furnace		1	yes	
Palatal trimmer		1	yes	



Dr. BIKAS R. S.
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Ultrasonic cleaner	5 liters capacity	1	yes
Composite curing unit		1	yes
Micro surveyor		1	yes
PRE-CLINICAL PROSTHETICS LABORATORY	Work table preferably complete stainless steel fitted with light, Bunsen burner, air blower, working stool.	60	yes
	Adequate number of lab micro motor with attached hand piece	20	

Signature of Principal/Dean with seal

PLASTER ROOM FOR PRE-CLINICAL WORK				
Plaster dispenser	One each for plaster and stone plaster	2	yes	
Vibrator		2	yes	
Lathe		2	yes	
Model Trimmer		1	yes	
Carborandum Disc		1	yes	
Diamond disc		1	yes	



[Handwritten Signature]
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DEPARTMENT : CONSERVATIVE DENTISTRY AND ENDODONTICS

NAME	SPECIFICATIONS	Required	Available	Remarks of Inspector
Dental Chairs and Units	As per specification	34	yes	
Rubber dam kits		6	yes	
Restorative instruments kits		10	yes	
R.C.T. instrument kits		10	yes	
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	3	yes	
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket	2	yes	
Needle burner with syringe cutter		4	yes	
Amalgamator	With Autoclave proportion, Autoclave dispenser	3	yes	
Pulp Tester-Digital		4	yes	
Apex Locator		2	yes	
Glass bead sterilizers		6	yes	
Plaster dispensers		2	yes	
Vibrator		2	yes	
Intra-oral X-ray Unit	Proper radiation safety	1	yes	
Automatic Developer		1	yes	
Radiovisiography	RVG with Computer	1	yes	
Endo motor	With torque control	3	yes	



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	Hps			
Bleaching unit		1	yes	
Magnification loops		2	yes	
Injectable gutta percha		3	yes	
CAD CAM		1(Optional)	yes	

Signature of Principal/Dean with seal

PHANTOM LAB UNIT	Phantom Table fitted with Halogen Operating Light Phantom Head body type neck joint for all the movement, TMJ movement. Modular with Air rotor, Micro motor with contra angle Hps, 3-way syringe, jaw with ivorine teeth, preferably soft gingival, dental operator's stool <u>(not to use extracted or cadaver teeth).</u>	60	yes	
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CLINICAL LABORATORY

Plaster Dispenser	One each for plaster and stone plaster	2	Yes	
Model Trimmer	Carborandum disc	1	yes	
	Diamond disc	1	yes	
Lathe	Heavy Duty	2	yes	
Lab Micromotor	With heavy duty handpiece	3	yes	



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Ultrasonic cleaner	Minimum capacity 5 liters	1	yes	
Spindle Grinder		1	yes	
Vibrator		2	yes	
Burnout furnace		1	yes	
Porcelain furnace		1	yes	
Sandblasting Machine		1	yes	
Lab Airrotor		1	yes	
Pindex System		1	yes	
Circular saw		1	yes	
Vacuum mixer		1	yes	
Pneumatic chisel		1	yes	
Casting machine	Motor cast/induction casting preferred	1	yes	
Ceramic Unit		1	yes	

DEPARTMENT : ORAL PATHOLOGY AND ORAL MICROBIOLOGY

NAME	SPECIFICATIONS	Required	available	Remarks of Inspector
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Dental Chairs and Units	With shadowless lamp, spittoon, 3 way syringe, instrument tray and suction	2	yes	
Slides		100	yes	
Slides Boxes		4	yes	
Microscopes		50	yes	
Microtome		1	yes	
Wax bath		1	yes	
Water bath		1	yes	

Signature of Principal/Dean with seal



B. J.
 D. S. ...
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Knife sharpner		1	Yes	
Hot plate		1	Yes	
Spencer knife		1	Yes	
Adequate slides projection system		1	yes	

DEPARTMENT: ORAL & MAXILLOFACIAL SURGERY

A) EXODONTIA

NAME	SPECIFICATIONS	Required	Available	Remarks of Inspector
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Dental Chairs and Units	As per specification	25	yes	
Autoclaves	Front loading Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	4	yes	
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket	2	yes	
Needle burner with syringe cutter		8	yes	
Extraction forceps sets	Complete set	20	yes	
Dental elevators	Complete set	10	yes	
Minor Oral surgery kits		6	yes	
Emergency drugs tray		2	yes	
X-ray viewers		2	yes	
Pulse Oxymeter		2	yes	
BP appartus		2	yes	
Stethoscope		2	yes	
Thermometer		2	yes	
Glucometer		1	yes	
Oxygen cylinder		2	yes	
Oxygen mask adult		2	yes	



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Oxygen mask Pado		2	yes	
Impaction kit		3	yes	
Lab micromotor with handpiece		3	yes	
Trauma kit		1	yes	
High volume suction		2	yes	
Surgical straight hand piece		4	yes	

B) MINOR SURGERY

Dental Chairs and Units	As per specification	5		
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DEPARTMENT : PERIODONTOLOGY

NAME	SPECIFICATIONS	Required	Available	Remarks of Inspector
Dental Chairs and Units	Atleast 50% of the units should have the Ultrasonic scaler with high volume suction.	34	yes	
	Note: Atleast 25% of the units should have the Airpolisher.		yes	
Surgical instrument sets		6	yes	
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	3	yes	
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket	2	yes	
Electro surgical cautery		1	yes	
Needle burner with syringe cutter		4	yes	
Laser	Soft tissue laser	1	yes	
Physio dispenser with implant kit		1	yes	
X-ray Viewer (Extra Oral)		2	yes	
Hand scaler Supra gingival	Set of 8	10	yes	
Hand scaler Sub gingival	Set of 6	10	yes	
Set of curettes	Set of 12	2	yes	
Electro cautery Kit		1	yes	
Periodontal Surgical Kit		3	yes	



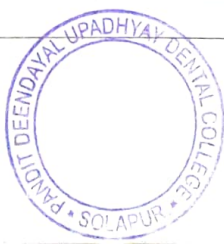
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DEPARTMENT : ORTHODONTICS

NAME	SPECIFICATIONS	Required	Available	Remarks of Inspector
Dental Chairs and Units	As per specification	18	yes	
Unit mount scaler		5	yes	
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	yes	
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	2	yes	

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ORTHO LAB				
Plaster dispenser	One each for plaster and stone plaster	2	yes	
Vibrator		2	yes	
Model Trimmer		2	yes	
Micromotor –	heavy duty	4	yes	
Lathe		2	yes	
X-ray viewers		2	yes	
OPG with cephalostat	If available in radiology its is adequate.	1	yes	
Welders		4	yes	
Blue Torch		1	yes	
Base Formers		4	yes	



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Typodont		4	yes	
Set of Pliers		10	yes	
Welder with soldering attachments		1	yes	
Hydro solder		1	yes	
Typodont articulator	With metal teeth wax rim of Class I, II, III	4	yes	
Pressure moulding machine		1	yes	
Soldering torch		1	yes	
Spot Welder		1	yes	

DEPARTMENT : PAEDIATRIC AND PREVENTIVE DENTISTRY

NAME	SPECIFICATIONS	Required	Available	Remarks of Inspector
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Dental Chairs and Units	As per specification (Pedo chair preferred with micro head hand pieces)	20	yes	
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	2	yes	
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	2	yes	
Needle Burner with syringe cutter		3	yes	
Amalgamator		1	yes	
Pulp Tester-Digital		1	yes	
Rubber dam kit for pedo		5	yes	
Apex locator		1	yes	
Endo motor	With torque control HPs	1	yes	
Injectable percha with gutta		1	yes	



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condensation				
Radiovisiography	Digital intra X-ray system with pedo sensor and software	1	yes	
Intra Oral Camera	With high resolution	1	yes	
Scaling instruments		10	yes	
Restorative instruments		10	yes	

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Extraction forceps	Pedo Forceps complete sets	10	yes	
Intra-oral X-ray		1	yes	
RCT Instruments Kits		5	yes	
Automatic Developer		1	yes	
PEDO LAB				
Plaster dispenser	One each for plaster and stone plaster	2	yes	
Model Trimmer	With diamond disc	1	yes	
Model Trimmer	With Carborandum disc	1	yes	
Welder with soldering attachments		1	yes	
Vibrator		2	yes	
Lab micro motor	Heavy duty with Hps	3	yes	
Dental Lathe		1	yes	
Steam cleaner		1	yes	
Pressure moulding machine		1	yes	

DEPARTMENT : ORAL MEDICINE AND RADIOLOGY.



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NAME	SPECIFICATIONS	Required	Available	Remarks of Inspector
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Dental Chairs and Units	As per specification	12	yes	
Panoramic X-Ray with Cephalometric	Preferably digital AERB Certified	1	yes	
Intra Oral X-ray Unit	AERB Certified	3	yes	
Pulp testers	Digital	3	yes	
Automatic periapical X-ray Developer		1	yes	
Automatic Panoramic with Cephalometric X-ray Developer		1	yes	
X-ray viewer	For Panoramic and Cephalometric films	2	yes	
Radiovisiography with Intra Oral Camera	Digital Intra X-ray System with one Sensor and Software	1	yes	
General X-ray Unit		1	yes	
Automatic Developers/ <i>Dark Room</i>	AERB Criteria	1	yes	
Lead Aprons		2	yes	
Lead Gloves		2	yes	
Lead collar		2	yes	
X-ray Hangers		6	yes	



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Diagnostic Kits	Mouth mirror, dental probe,	40	yes	
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	college tweezers			
Lead Screen		1	yes	
Biopsy Kit		1	yes	
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	yes	
Needle Burner with Syringe Cutter		2	yes	
CBCT	AERB Certified, capturing the complete image in less than 30 sec.	1(Option al)	yes	
Diagnostic kit		25	yes	
Biopsy Kit		2	yes	
Sailography equipment & Kit		1	yes	

DEPARTMENT: PUBLIC HEALTH DENTISTRY

NAME	SPECIFICATIONS	Required	Available	Remarks of Inspector
Dental Chairs and Units	As per specification	16	yes	
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	2	yes	
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	2	yes	
Needle burner with syringe cutter		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		yes	



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	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.		yes	
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	1	yes	
Intraoral x-ray	Portable	1	yes	
Glass bead sterilizers		1	yes	
Compressor	1.25HP	1	yes	
Metal Cabinet	With wash basin	1	yes	

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Portable dental chair	Suitcase unit with airrotor, micromotor, scaler and compressor 0.25HP	2		
Stabilizer	4KV	1	Yes	
Generator	4KV	1	Yes	
Water tank	400ltrs	1	Yes	
Oxygen cylinder		1	yes	
Public address system		1	Yes	
TV and video cassette player		1	Yes	



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Demonstration models		5	yes	
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Whether all the above-mentioned equipments are functioning? : Yes / No

Whether detailed list of equipments as furnished by the college authority is attached : Yes / No

XIII. DEPARTMENT: DENTAL ANATOMY, EMBRYOLOGY, ORAL HISTOLOGY AND ORAL PATHOLOGY

AREA REQUIREMENTS

	DEPARTMENT	SPECIFICATION	REQUIRED AREA
	Dental Anatomy, Dental Histology & ORAL PATHOLOGY LAB	Fitted with granite tables. To seat 50 students.	2300 sq.ft.
	HISTOPATHOLOGY ROOM	Fitted with granite/wood tables	300 sq.ft.
	STAFF ROOM		200 sq.ft.



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	REQUIREMENT	SECURITY/AVAILABILITY	REQUIREMENT	AVAILABILITY	REMARKS OF INSPECTOR
A	DENTAL ANATOMY, DENTAL HISTOLOGY ORAL PATHOLOGY LAB				
1	Microscope		50	yes	
2	Television	With USB port For displaying slide	1	yes	
3	Teaching slides set with box		3 Sets (with minimum of 55 slides in each set)	yes	
4	Education models & dental developmental set (Nissan like model)		3	yes	

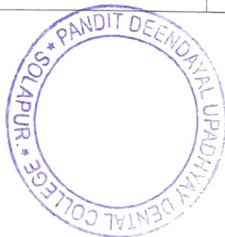



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EQUIPMENT REQUIREMENTS

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B HISTOPATHOLOGY ROOM					
Microtome	Manual/automatic	1			
Wax Bath		1			
Water Bath		1			
Knife Sharpener		1			
Spencer Knife		1			
Disposable Blade		1set			
Hot Air Oven		1			
Organic Tissue Capsule	Small	2			
Distilled Water Plant		1			
Diamond Tip Pencil		1			
Glass Dropper Bottle		5			
Glass Bottle With Lid		5			
Wide Mouth Bottles		5			



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Glass Funnel		5		
Glass Pipette		5		
Glass Measuring Jar		5		
Petri Dish 4" Glass		5		
L Blocks		3		
Loop Holder		3		
Magnifying Glass		1		
Toothed Forceps		5		
Plastic Dropper		5		
Petri Dish 50mm Glass		5		
Gas burner/Spirit Lamp		1		
Processing Bottles		5		
Slide Warming Table		1		
Slide Drying Tray		1		
Slide Carrying Tray		1		
Staining Basket SS		1		
Staining Trough SS	Stainless steel	1		
Staining Trough Glass		1		
Slide Staining Rack SS	Stainless steel	1		
Slide Box		1		
Slides Storage Cabinet		1		



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	Wax Block Storing Cupboard		1		
	Stop Watch				
C	ORAL PATHOLOGY REPORTING STATION				
	Microscope Trinocular	With all attachments	1		1
	Colour Printer		1		1
	Desktop Computer		1		1

Note: These provisions shall come into force only after suitable amendment to be carried out into the existing Revised BDS Course Regulations 2007 which are under active consideration with the Council.



B. R. S.
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