



SVDC also possesses the following numerous specialized dental instruments to perform advanced dental therapeutic procedures.

Basic Dental Equipment's

S.NO	NAME	SPECIFICATION	QUANTITY	AVAILABILITY
1.	Dental chair	Electrically operated with shadowless lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor, airtor attachment with hand pieces (Fibre optic) and scaler	261	261
2.	Minor operating theatre		1	1
3.	Ultrasonic scalers		29	29
4.	x-rays		10	10

Advanced Dental Equipment's

S.NO	NAME	SPECIFICATION	QUANTITY	AVAILABILITY
1.	Dental laser		2	2
2.	Implant physio dispenser with surgical kits of different systems		4	4
3.	Piezo surgical unit		1	1


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EQUIPMENTS DETAILS DEPARTMENT: ORAL & MAXILLOFACIAL SURGERY

S.No.	NAME	SPECIFICATION	Quantity	Availability
1.	Dental Chairs and Units	Electrically operated with shadowless lamp, spittoon, 3 way syringe, instrument tray and high motorized suction, with micromotor and micro motor attachment	One chair per post-graduate student and Two chairs for the faculty in each unit.	8
2.	Autoclave	Front loading	2	2
3.	Fumigators		1	1
4.	Oscillating saw, Reciprocating, Saggital saw with module	With all hand pieces	1	1
5.	Surgical instruments General surgery kit including tracheotomy kit Minor oral surgery kit Osteotomy kit		2 5 1	2 5 1
	Cleft surgery kit Bone grafting kit Emergency kit Trauma set including bone plating kit Implantology kit with implants	Minimum 2 systems	1 1 1 2 1 2 10	1 1 1 2 1 2 10
6.	Distraction osteogenesis kit		1	1
7.	Piezo surgical unit		1	1

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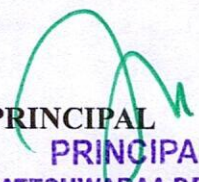


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8.	Surgical Magnifying loops 3x		1	1
9.	Operating microscope and Microsurgery kit	Desirable	1	-
10.	Dermatomes		1	1
11.	Needle destroyer		2	2
12.	Ultrasonic Cleaner capacity 3.5 lts		1	1
13.	Formalin chamber		1	1
14.	Pulse oxymeter/NIBP		1	1
15.	Ventilator		1	1
16.	Major operation theatre with all facilities as per MCI guidelines		1	1
17.	Recovery and Intensive Care Unit with all necessary life support equipments		2 beds	2
18.	Fiber optic light		1	1
19.	In-patient beds		20	20
20.	Fiber optic laryngoscope		1	1
21.	Computer with internet connection with attached printer and scanner		1	1
22.	LCD projector		1	1
23.	Refrigerator		1	1


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EQUIPMENTS DETAILS DEPARTMENT: PERIODONTOLOGY

S. No.	NAME	SPECIFICATION	Quantity	Availability
1.	Dental Chairs and Units	Electrically operated with shadowless lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor attachment with contra angle handpiece,airoter attachment, ultrasonic scaler (Piezo) with detachable autoclavable hand piece	One chair and unit per post-graduate student and Two chairs with unit for the faculty	Available - 8
			1 Unit	
2.	Auto clave (fully automatic) front loading		1	Available
3.	Steel bin		4	(6)Available
4.	Airoter hand pieces		2	Available
5.	UV chamber		1	Available
6.	Formalin chamber		1	Available
7.	W.H.O probe		2	Available
8.	Nabers probe		2	Available
9.	Williams probe		2	Available
10.	UNC-15 probe		4	Available
11.	Gold Man fox probe		1	available
12.	Pressure sensitive probe		1	
13.	Marquis color coded probe		1	
14.	Supra gingival scalers	Set	2	Available
15.	Sub gingival scaler	Set	2	Available
16.	Arkansas sharpening stone		1	Available

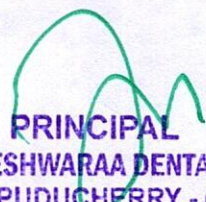


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Surgical Instruments				
1.	Routine surgical instrument kit (Benquis periosteal elevator, periotome)	Set	2	Available
2.	Surgery trolleys		6	(12) Available
3.	X ray viewer		1	Available
4.	Surgical cassette with sterilisation pouches		4	Available
5.	Electro surgery unit		1	Available
Special Surgical Instruments				
1.	Kirkland's knife		1	Available
2.	Orban's knife		1	Available
3.	Paquette blade handle		1	Available
4.	Krane kaplan pocket marker	Set	1	Available
5.	Mc Calls universal curettes	Set	1	Available
6.	Gracey's curettes (No.1-18)	Set	2	Available
7.	Mini five curettes	Set	1	Available
8.	Cumine scaler		1	Available
9.	Mallet		1	Available
10.	Chisel		1	Available
11.	Oschenbein chisel		1	Available
12.	Schluger bone file		1	Available
13.	Bone fixation screw kit	Optional	1	Available


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14.	Bone scrapper	Optional	1	Available
15.	Bone trephines for harvesting autografts	1 Set Optional	1	
16.	Bone regenerative materials	Bone graft and GTR membranes	5	Available
17.	Local drug delivery systems	At least two different drugs delivery agents	1 each	Available
18.	Root conditioning agent	At least two different agents	2	Available
19.	Micro needle holder		1	Available
20.	Micro scissors		1	Available
21.	Magnifying loop (2.5 – 3.5)		1	Available
22.	Operating microscope	Optional	1	-
23.	3 rd generation digital probe	Optional	1	-
24.	Bone expander and bone crester	Optional	1	-
25.	Distraction osteogenesis kit	Optional	1	-
26.	Bone mill	Optional	1	-
27.	Bone graft / membrane placement spoon		1	Available
28.	Bone condenser		1	Available
29.	Peizo-surgery unit	Optional	1	-
30.	Centrifuge for PRP/PRF preparation	Optional	1	-
31.	Soft tissue laser (8 watt)		1	Available
32.	Osteotome	Set Optional	1	-
MISCELLANEOUS INSTRUMENTS				
1.	Composite gun with material kit		1	Available

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2.	Splinting kit with material		2	Available
3.	Composite finishing kit		1	Available
4.	Glass Ionomer filling instruments		1	Available
5.	Digital camera		1	
6.	Intra Oral camera		1	Available
7.	Ultrasonic cleaner		1	Available
8.	Emergency kit		1	Available
9.	Refrigerator		1	Available
10.	X-ray viewer		2	Available
11.	LCD projector		1	Available
12.	Computer with internet connection with attached printer and scanner		1	Available
	<u>Implant Clinic Equipments</u>			
13.	Electrical dental chair and unit		1	Available
14.	Physio dispenser		1	Available
15.	Implant kit	At least two different systems	2	Available
16.	Implants		10	Available
17.	Implant maintenance kit (plastic instruments)		1 set	Available
18.	Implant guide		1	Available
19.	X-ray viewer		1	Available
20.	Needle destroyer		1	Available


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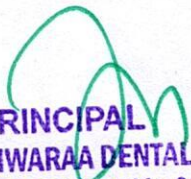


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21.	Ultrasonic cleaner capacity 3.5 lts		1	Available
22.	Autoclave programmable for all recommended cycles		1	Available
23.	RVG with x-ray machine		1	Available
24.	Refrigerator		1	Available
25.	Surgical kit		2	Available
26.	Sinus lift kit		1	Available
27.	Educating models		1	Available
28.	Implant removing kit		1	Available


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EQUIPMENTS DETAILS DEPARTMENT: CONSERVATIVE DENTISTRY & ENDODONTICS

S. No.	Name	Specification	Quantity	Availability
1.	Dental Chairs and Units	Electrically operated with shadowless lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor, airtor attachment with hand pieces (Fibre optic) and scaller	One chair per post-graduate student and two for faculty per Unit	6+2=8
			Unit 1	
2.	ENDOSONIC HANDPIECES – Micro endosonic Tips, retro treatment		2	Available
3.	Mechanised rotary instruments including hand pieces (speed and torque control) and hand instruments various systems		3	Available
4.	Rubber dam kit		1 per chair	Available
5.	Autoclaves for bulk instrument sterilization vacuum (Front loading)		2	Available
6.	Autoclaves for hand piece sterilization		1	Available
7.	Apex locators		2	Available



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8.	Pulp tester		2	Available
9.	Equipments for injectable thermo plasticized gutta percha		1	Available
10.	Operating microscopes 3 step or 5 step magnification		1	Available
11.	Surgical endo kits (Microsurgery)		2	Available
12.	Set of hand cutting instruments		1	Available
13.	Sterilizer trays for autoclave		4	Available
14.	Ultrasonic cleaner capacity 3.5 lts		1	Available
15.	Variable Intensity polymerization equipments - VLC units	Desirable	1	Available
16.	Conventional VLC units		2	Available
17.	Needle destroyer		2	Available
18.	Magnifying loupes		1	Available
19.	LCD projector		1	Available
20.	Composite kits with different shades and polishing kits		2	Available
21.	Ceramic finishing kits, metal finishing kits		2	Available
22.	Amalgam finishing kits		2	Available


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23.	RVG with x-ray machine developing kit		1	Available
24.	Chair side micro abrasion		1	Available
25.	Bleaching unit		1	Available
26.	Instrument retrieval kits with Piezo Electric ultrasonic tips		1	Available
27.	Computer with internet connection with attached printer and scanner		1	Available
28.	Refrigerator		1	Available
29.	Equipments for casting procedures			Available
30.	Equipments for ceramics including induction casting machines/ burnout preheat furnaces/ wax elimination furnaces		1	Available
31.	Lab micro motor/ metal grinders / sand blasters/ polishing lathes/ duplicator equipment/ vacuum investment equipments		1	Available
32.	Laser (preferably hard tissue)		1	Available
33.	Face bow with semi adjustable articulator		1	Available

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34.	GP cutter		3	Available
35.	Proffin system	Optional	1	-
36.	Phantom Heads		3	Available


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EQUIPMENTS DETAILS

DEPARTMENT: PROSTHODONTICS AND CROWN AND BRIDGE

S. No.	NAME	SPECIFICATION	QUANTITY	AVAILABILITY
1.	Electrical Dental Chairs and Units	With shadowless lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor and airtor attachment with handpieces.	One chair and unit per PG student and two chairs with unit for the faculty.	Available
			1 Unit	
2.	Articulators – semi adjustable/ adjustable with face bow		6	Available
3.	Micromotor – (Lab Type can also be attached (fixed) to wall		2	Available
4.	Ultrasonic scaler		2	Available
5.	Light cures		2	Available
6.	Hot air oven		1	Available
7.	Autoclave (front loading)		2	Available
8.	Surveyor		2	Available
9.	Refrigerator		1	Available
10.	X-ray viewer		1	Available
11.	Pneumatic, Crown bridge remover		2	Available





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12.	Needle destroyer		1	Available
13.	Intra oral camera		1	Available
14.	Digital SLR camera		1	Available
15.	Computer with internet connection with attached printer and scanner		1	Available
16.	LCD projector		1	Available
Clinical Lab for Prosthetics				
1.	Plaster dispenser		2	
2.	Model trimmer with carborandum Disc		1	Available
3.	Model trimmer with diamond disc		1	Available
4.	High speed lathe		2	Available
5.	Vibrator		2	Available
6.	Acrylizer		1	Available
7.	Dewaxing unit		1	Available
8.	Hydraulic press		1	Available
9.	Mechanical press		1	Available
10.	Vacuum mixing machine		1	Available
11.	Micro motor lab type		2	Available
12.	Curing pressure pot		1	Available
13.	Pressure molding machine		1	Available

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Chrome – Cobalt Lab Equipment				
1.	Duplicator		1	
2.	Pindex system		1	Available
3.	Burn-out furnace		1	Available
4.	Welder		1	Available
5.	Sandblaster	Micro and macro	1	Available
6.	Electro – polisher		1	Available
7.	Model trimmer with carborandum disc		1	Available
8.	Model trimmer with diamond disc		1	Available
9.	Model trimmer with double disc (one Carborandum and one diamond disc)		1	Available
10.	Casting machine, motor cast with the safety door closure, gas blow torch with regulator		1	Available
11.	Dewaxing furnace		1	Available
	Induction casting machine with vacuum pump, capable of casting titanium chrome cobalt precision metal		1	Available
12.	Spot welder with soldering, attachment of cable		1	Available
13.	Steam cleaner		1	Available

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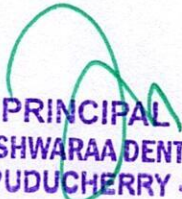


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14.	Vacuum mixing machine		1	Available
15.	Spindle grinder 24,000 ROM with vacuum suction		1	Available
16.	Wax heater		2	Available
17.	Wax carvers (Full PKT Set)		2	Available
18.	Milling machine		1	Available
19.	Stereo microscope		1	Available
20.	Magnifying work lamp		1	Available
21.	Heavy duty lathe with suction		1	Available
22.	Preheating furnace		1	Available
23.	Dry model trimmer		1	Available
24.	Die cutting machine		1	Available
25.	Ultrasonic cleaner		1	Available
26.	Composite curing unit		1	Available
Ceramic Lab Equipment				
1.	Fully programmable porcelain furnace with vacuum pump		1	
2.	Ceramic kit (instruments)		3	Available
3.	Ceramic materials (kit)		1	Available
4.	Ceramic polishing kit		2	Available
Implant Equipment				
1.	Electrical dental chair and unit		1	


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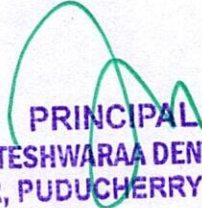


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2.	Physio dispenser		1	Available
3.	Implant kit	Minimum 2 systems	2	Available
4.	Implants		10	Available
5.	Prosthetic components		10	Available
6.	Unit mount light cure		1	Available
7.	X-ray viewer		1	Available
8.	Needle destroyer		1	Available
9.	Ultrasonic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


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Department of Oral Medicine & Radiology
Equipment List

S.NO	Equipment's	Required	Available
1	Autoclave	2	2
2	Automatic Developer (Dark room)	2	2
3	Automatic Panoramic with cephalometric X - ray Developer	1	1
4	Automatic X - ray (periapical Developer)	1	4(Non functioning)
5	Biopsy Kit	1	2
6	Computers	1	1
7	Dental chairs & Units	12	12
8	Diagnostic kits	40	40
9	General X - Ray Unit	1	1
10	Intra Oral Camera	1	1
11	Intra oral X — Ray unit	3	3
12	Lead Aprons	2	2
13	Lead Gloves		1 pair
14	Lead Screen	1	4
15	Needle Burner Syringe Cutter	2	2
16	Ortho pantograph	1	1
17	Panoramic X - ray with Cephalometric Cups	1	1
18	Pulp testers	3	3
19	Radio Visiography	1	1 Non functioning)

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20	X - Ray Hangers	6	6
21	X — Ray Viewer	2	2
22	X — Ray Viewer	2	2

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DEPARTMENT OF PUBLIC HEALTH DENTISTRY

S.NO	EQUIPMENT	QTY	AVAILABLE
1	Airotor Hand Piece	2	2
2	Autoclave front Load	2	2
3	BP Apparatus	3	3
5	LCR Light Curc Unit	2	2
6	Micro Motor Maraton-With Out Hand Piece)	4	4
7	Needle Destroyer	1	1
8	Steriliser-Hot Water	3	3
9	Stethoscope	1	1
10	Suction Apparatus	2	2
11	Ultra-Sonic Cleaner	2	2
12	Ultra-Sonic Scaler	2	2
13	Weighing Machine	1	1
14	Portable dental x ray machine	1	1
15	Glass bead Sterilizer	2	2
16	Portable dental chair only	1	1
17	Portable dental (Suitcase type)	1	1
18	Computer	1	1
19	UPS	1	1


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20	Carbon monoxide breath monitor	1	1
21	Flow meter	1	1
22	Speaker	1	1
23	Tv & Video la er	1	1
24	Compressor	1	1
25	Stabilizer	1	1
26	Oxygen Cylinder	1	1
27	water tank	1	1
28	Dental Chair	18	18


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**DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL
ORTHOPEDECS**

S.NO.	Name	Specification	Quantity	Availability
1.	Dental Chairs and Unit	Electrically operated with shadow less lamp, spittoon, 3way syringe, instrument tray and motorized suction	One chair & unit per PG student and Two chairs with unit for the faculty	5
2.			1 Unit	
3.	Vacuum /pressure moulding unit		1	Available
4.	Hydrogen soldering unit		1	Available
5.	Lab micromotor		3	Available
6.	Spot welders		3	Available
7.	Model trimmer (Single disc)		2	Available
8.	Light curing unit		2	Available
9.	High intensity light curing unit		1	Available
10.	Polishing lathes		2	Available
11.	Tracing tables		3	Available
12.	SLR digital camera		1	Available


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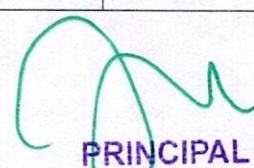


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13.	Scanner with transparency adapter		1	Available
14.	X-ray viewer		3	Available
15.	LCD projector		1	Available
16.	Autoclaves for bulk instrument Sterilization vacuum Front loading)		1	Available
17.	Needle destroyer		1	Available
18.	D heat sterilizer		1	Available
19.	Ultrasonic scaler		1	Available
20.	Sets of Orthodontic pliers		3	Available
21.	Orthodontic impression trays		3	Available
22.	Ultrasonic cleaner capacity 3.5 Its		1	Available.
23.	Electro polisher		1	Available.
24.	Typhodonts with full teeth set		4	Available.
25.	Anatomical articulator with face bow attachments		1	Available.
26.	Free lane articulators		1	Available.


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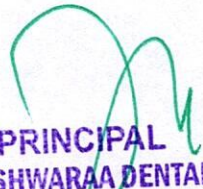


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27.	Hinge articulators		4	Available.
28.	Computer software for cephalometrics		1	Available.
29.	Computer with internet connection with attached printer and scanner		1	Available.
30.	Mini 1m lant kit		1	Available.
31.	Refrigerator		1	Available.


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